

Authors	Title	Year	Source title	Volume	Issue	Page start	Page end	DOI	Link
G., Raj, Garima; M., Shadab, Mohammad; S., Deka, Sujata; M., Das, Manashi; J., Baruah, Jilmil; R., Bharali, Rupiyoti; N.C., Talukdar, Narayan Chandra	Seed interior microbiome of rice genotypes indigenous to three agroecosystems of Indo-Burma biodiversity hotspot	2019	BMC Genomics	20	1			10.1186/s12864-019-6334-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075924505&doi=10.1186%2Fs12864-019-6334-5&partnerID=40&md5=8a6591a3af2d103d07664f8074f54b54
A., Deb, Ankita; R., Saikia, Rasna; D., Chowdhury, Devasish	Nano-Bioconjugate Film from Aloe vera to Detect Hazardous Chemicals Used in Cosmetics	2019	ACS Omega	4	23	20394	20401	10.1021/acsomega.9b03280	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075614426&doi=10.1021%2Facsomega.9b03280&partnerID=40&md5=9ca6af96f0b13d159eea2c1363dfadb0
T., Kashyap, Trishamoni; S.K., Biswasi, Sweetie K.; A.R., Pal, Arup R.; B., Choudhury, Biswajit	Unraveling the Catalytic and Plasmonic Roles of g-C3N4 Supported Ag and Au Nanoparticles under Selective Photoexcitation	2019	ACS Sustainable Chemistry and Engineering	7	23	19295	19302	10.1021/acssuschemeng.9b05823	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075116780&doi=10.1021%2Facsuschemeng.9b05823&partnerID=40&md5=ca4803c26b4a289eb9b0a9561f576bb3
B., Borgohain, Binita; H., Bailung, Heremba	Sheath characteristics in a magnetically filtered low density low temperature multicomponent plasma with negative ions	2019	Physics of Plasmas	26	12			10.1063/1.5126933	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077003802&doi=10.1063%2F1.5126933&partnerID=40&md5=9eb3c3adfe56b87d77bb8ab474a78b09
B., Das, Bhaskar; S., Deka, Suresh	A cost-effective and environmentally sustainable process for phycoremediation of oil field formation water for its safe disposal and reuse	2019	Scientific Reports	9	1			10.1038/s41598-019-51806-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074091880&doi=10.1038%2Fs41598-019-51806-5&partnerID=40&md5=5d7c2a62d1f723c0be14e94b8bcc601a
M., Majumder, Munmi; S., Debnath, Shibjyoti; R.L., Gajbhiye, Rahul Laxman; R., Saikia, Rimpi; B., Gogoi, Bhaskarjyoti; S.K., Samanta, Suman Kumar; D.K., Das, Deepjyoti Kumar; K., Biswas, Kaushik; P.J., Jaisankar, Parasuraman J.; R., Mukhopadhyay, Rupak	Ricinus communis L. fruit extract inhibits migration/invasion, induces apoptosis in breast cancer cells and arrests tumor progression in vivo	2019	Scientific Reports	9	1			10.1038/s41598-019-50769-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073120101&doi=10.1038%2Fs41598-019-50769-x&partnerID=40&md5=22442a176dc28db3b81f6db5c0cdd679
B.K., Sah, Bijay Kumar; S., Kundu, Sarathi	Behaviour of protein (BSA)-lipid (DMPA) mixed monolayer on the spreading order of the individual component	2019	Chemistry and Physics of Lipids	225				10.1016/j.chemphyslip.2019.104810	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071305443&doi=10.1016%2Fj.chemphyslip.2019.104810&partnerID=40&md5=a59b9ae3f6e36d382a22b137dbaf05
A., Konwar, Achyut; A., Deb, Ankita; A., Kar, Archita; D., Chowdhury, Devasish	Dual emission carbon dots from carotenoids: Converting a single emission to dual emission	2019	Luminescence	34	8	790	795	10.1002/bio.3685	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070310942&doi=10.1002%2Fbio.3685&partnerID=40&md5=24a0f82c7386b967ab126311b97330b2
A.K., Saw, Ajay Kumar; G., Raj, Garima; M., Das, Manashi; N.C., Talukdar, Narayan Chandra; B.C., Tripathy, Binod Chandra; S., Nandi, Soumyadeep	Alignment-free method for DNA sequence clustering using Fuzzy integral similarity	2019	Scientific Reports	9	1			10.1038/s41598-019-40452-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062584118&doi=10.1038%2Fs41598-019-40452-6&partnerID=40&md5=83f307a3a461fe3d6fac8bb362ca735c

A.K., Saw, Ajay Kumar; B.C., Tripathy, Binod Chandra; S., Nandi, Soumyadeep	Alignment-free similarity analysis for protein sequences based on fuzzy integral	2019	Scientific Reports	9	1			10.1038/s41598-019-39477-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062100486&doi=10.1038%2Fs41598-019-39477-8&partnerID=40&md5=144aa16eb49272cafb1785f95d263344
C.R., Kalita, Chandi Ram; G., Choudhury, Gautam	Analysis of an unreliable repeated service queue with delayed repair under randomized vacation policy	2019	Communications in Statistics - Theory and Methods	48	21	5336	5369	10.1080/03610926.2018.1513142	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060593634&doi=10.1080%2F03610926.2018.1513142&partnerID=40&md5=2964ba13a6a1162c9eca8c27ada2913f
S., Podder, Santanu; A.R., Pal, Arup R.	Hot carrier devices using visible and NIR responsive titanium nitride nanostructures with stoichiometry variation	2019	Optical Materials	97				10.1016/j.optmat.2019.109379	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072214052&doi=10.1016%2Fj.optmat.2019.109379&partnerID=40&md5=6549e1a735323d924f2d69c0457d7911
B.K., Sah, Bijay Kumar; K., Das, Kaushik; S., Kundu, Sarathi	pH-dependent structure, pattern and hysteresis behaviour of lipid (DMPA)-protein (BSA) monolayer complex	2019	Colloids and Surfaces A: Physicochemical and Engineering Aspects	579				10.1016/j.colsurfa.2019.123663	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069653212&doi=10.1016%2Fj.colsurfa.2019.123663&partnerID=40&md5=c489c13aed18e6829996a4cc19da7b0e
S., Joy, Soumya; G., Rastogi, Gargi; K., Sankaranarayanan, Kamatchi	Photocatalytic degradation of phenol using ionic liquid stabilized TiO2 nanoparticles	2019	Materials Research Express	6	11			10.1088/2053-1591/ab4892	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073630268&doi=10.1088%2F2053-1591%2Fab4892&partnerID=40&md5=9c8c1dbb5f1bc4a49a04bc02839dffe1
K.K., Paul, Kamal Kumar; P.K., Giri, P. K.; H., Sugimoto, Hiroshi; M., Fujii, Minoru; B., Choudhury, Biswajit	Evidence for plasmonic hot electron injection induced superior visible light photocatalysis by g-C3N4 nanosheets decorated with Ag-TiO2(B) and Au-TiO2(B) nanorods	2019	Solar Energy Materials and Solar Cells	201				10.1016/j.solmat.2019.110053	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069515217&doi=10.1016%2Fj.solmat.2019.110053&partnerID=40&md5=61dfa6876a4e4a5d1fca3648c4cb91a2
S.N., Borah, Siddhartha Narayan; S., Sen, Suparna; L., Goswami, Lalit; A., Bora, Arijit; K., Pakshirajan, Kannan; S., Deka, Suresh	Rice based distillers dried grains with solubles as a low cost substrate for the production of a novel rhamnolipid biosurfactant having anti-biofilm activity against Candida tropicalis	2019	Colloids and Surfaces B: Biointerfaces	182				10.1016/j.colsurfb.2019.110358	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068959229&doi=10.1016%2Fj.colsurfb.2019.110358&partnerID=40&md5=959690dc6ea10ef1e48b1ea12f2fa3fe
I., Farid, Ibnul; A., Boruah, Abhijit; J., Chutia, Joyanti; A.R., Pal, Arup R.; H., Bailung, Heremba	Low loaded platinum (Pt) based binary catalyst electrode for PEMFC by plasma co-sputtered deposition method	2019	Materials Chemistry and Physics	236				10.1016/j.matchemphys.2019.121796	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068261988&doi=10.1016%2Fj.matchemphys.2019.121796&partnerID=40&md5=9d554feef8933104f3ca888ff89ab302
K., Shravan, Karishma; B.C., Tripathy, Binod Chandra	Multiset mixed topological space	2019	Soft Computing	23	20	9801	9805	10.1007/s00500-019-03831-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061674571&doi=10.1007%2Fs00500-019-03831-9&partnerID=40&md5=fa11cae0455bfe5ad5d2356ddab1fc2a

A.C., Bhowal, Ashim Chandra; H., Talukdar, Hrishikesh; S., Kundu, Sarathi	Preparation, characterization and electrical behaviors of PEDOT:PSS-Au/Ag nanocomposite thin films: an ecofriendly approach	2019	Polymer Bulletin	76	10	5233	5251	10.1007/s00289-018-2652-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058223575&doi=10.1007%2Fs00289-018-2652-z&partnerID=40&md5=ed909887529774979efcc1aadf51c471
N., Ojah, Namita; J., Deka, Jyotishikha; S., Haloi, Saurav; R., Kandimalla, Raghuram; D., Gogoi, Dolly; T., Medhi, Tapas; M., Mandal, Manabendra; G.A., Ahmed, Gazi Ameen; A.J., Choudhury, Arup Jyoti	Chitosan coated silk fibroin surface modified by atmospheric dielectric-barrier discharge (DBD) plasma: a mechanically robust drug release system	2019	Journal of Biomaterials Science, Polymer Edition	30	13	1142	1160	10.1080/09205063.2019.1622844	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067030871&doi=10.1080%2F09205063.2019.1622844&partnerID=40&md5=d6c9492ab4f30af11cc032ecf06ee1c0
D., Das, Daisy; L.B., Mahanta, Lipi B.; S., Ahmed, Shabnam; B.K., Baishya, Basant Kumar; I., Haque, Inamul	Automated classification of childhood brain tumours based on texture feature	2019	Songklanakarin Journal of Science and Technology	41	5	1014	1020	10.14456/sjst-psu.2019.128	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075293428&doi=10.14456%2Fsjst-psu.2019.128&partnerID=40&md5=d9a1b7beb096205a7930949d2021b813
G., Kaushik, Githartha; K., Synnah, Kduplin; K.U., Tariang, Kermi U.; R.S., Narayana, Ramanujam Sunkam; S., Bordoloi, Sabitry	Length–weight relationships of four indigenous fish species collected in Assam and Meghalaya, India	2019	Lakes and Reservoirs: Science, Policy and Management for Sustainable Use	24	3	299	301	10.1111/lre.12279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070284077&doi=10.1111%2Flre.12279&partnerID=40&md5=2bfc49a74b2ddb66cb30f84bcf5954b1
S., Podder, Santanu; A.R., Pal, Arup R.	Plasmonic visible-NIR photodetector based on hot electrons extracted from nanostructured titanium nitride	2019	Journal of Applied Physics	126	8			10.1063/1.5101009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071532850&doi=10.1063%2F1.5101009&partnerID=40&md5=24c11ce78bc233159b284c90a377a456
H., Talukdar, Hrishikesh; S., Kundu, Sarathi	Förster Resonance Energy Transfer-Mediated Globular Protein Sensing Using Polyelectrolyte Complex Nanoparticles	2019	ACS Omega					10.1021/acsomega.9b02499	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075618722&doi=10.1021%2Facsomega.9b02499&partnerID=40&md5=97160342bc16260b1abe3e2ffa7a21e8
C.R., Kalita, Chandi Ram; G., Choudhury, Gautam	The N-policy for an unreliable queue (Mx//1 queue) with optional repeated service and delayed repair	2019	Communications in Statistics - Theory and Methods	48	15	3717	3745	10.1080/03610926.2018.1481967	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057563927&doi=10.1080%2F03610926.2018.1481967&partnerID=40&md5=0483d1ea826b1db0b2b169318c6f90d9
M., Das, Momita; R., Kandimalla, Raghuram; B., Gogoi, Bhaskariyoti; K.N., Dutta, Krishna Nayani; P., Choudhury, Paramita; R. Devi, P.P., Dutta, Partha Pratim; N.C., Talukdar, Narayan Chandra; S.K., Samanta, Suman Kumar	Mahanine, A dietary phytochemical, represses mammary tumor burden in rat and inhibits subtype regardless breast cancer progression through suppressing self-renewal of breast cancer stem cells	2019	Pharmacological Research	146				10.1016/j.phrs.2019.104330	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067975655&doi=10.1016%2Fj.phrs.2019.104330&partnerID=40&md5=bc557c8408e744f2f18809bba4066748
H., Talukdar, Hrishikesh; S., Sarkar, Suman; S., Kundu, Sarathi	Electrical investigation on thin films of poly(3,4-ethylenedioxythiophene): Poly(styrenesulfonate) in presence of cationic polyelectrolyte	2019	AIP Conference Proceedings	2115				10.1063/1.5113125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069787889&doi=10.1063%2F1.5113125&partnerID=40&md5=f680a7830e942507ead9fec707dab21

R.J., Sarmah, Raktim Jyoti; B.K., Sah, Bijay Kumar; S., Kundu, Sarathi	Monolayer behavior of human serum albumin (HSA) at air-water interface	2019	AIP Conference Proceedings	2115				10.1063/1.5112882	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069787104&doi=10.1063%2F1.5112882&partnerID=40&md5=0d51ecaad9717db86478999d9e133adb
B.K., Sah, Bijay Kumar; S., Kundu, Sarathi	Surface pH induced hysteresis behavior of lipid (DMPA)-protein (BSA) complex monolayer	2019	AIP Conference Proceedings	2115				10.1063/1.5113124	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069767909&doi=10.1063%2F1.5113124&partnerID=40&md5=e291d89018b8b3fa66e48b9a1dce60a2
A.C., Bhowal, Ashim Chandra; S., Pandit, Subhankar; S., Kundu, Sarathi	Lysozyme induced luminescence gold nanoclusters as Hg2+ sensor	2019	AIP Conference Proceedings	2115				10.1063/1.5112933	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069766442&doi=10.1063%2F1.5112933&partnerID=40&md5=0ecb96e2c44fae8f339c43fd71b29262
S., Pandit, Subhankar; S., Kundu, Sarathi	Optical activity of polyelectrolyte (PSS) - Protein (lysozyme) complexes	2019	AIP Conference Proceedings	2115				10.1063/1.5112876	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069759195&doi=10.1063%2F1.5112876&partnerID=40&md5=d3c6c09b29e7db6f30195799af6f3485
D., Bhattacharjee, Darpan; D., Jigdu, D.; N., Buzarbaruah, N.; S.R., Mohanty, S. R.; H., Bailung, Heremba	Studies on virtual electrode and ion sheath characteristics in a cylindrical inertial electrostatic confinement fusion device	2019	Physics of Plasmas	26	7			10.1063/1.5107471	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073884390&doi=10.1063%2F1.5107471&partnerID=40&md5=1a1c23b0051ae3c67852c989ae998fe0
T.K., Joishy, Tulsi Kumari; M., Dehingia, Madhusmita; M.R., Khan, Mojibur Rohman	Bacterial diversity and metabolite profiles of curd prepared by natural fermentation of raw milk and back sloping of boiled milk	2019	World Journal of Microbiology and Biotechnology	35	7			10.1007/s11274-019-2677-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067873752&doi=10.1007%2Fs11274-019-2677-y&partnerID=40&md5=18b661b6dc568355bb8500b0d239fd6b
S., Kalita, Suravi; H.P., Sarma, Hari Prasad; A., Devi, Arundhuti	Sediment characterisation and spatial distribution of heavy metals in the sediment of a tropical freshwater wetland of Indo-Burmese province	2019	Environmental Pollution	250		969	980	10.1016/j.envpol.2019.04.112	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065479345&doi=10.1016%2Fj.envpol.2019.04.112&partnerID=40&md5=cdec751b77c06a8465cea2eb48fbd2a9
B., Kalita, Bandita; B., Gogoi, Bedanta; N.S., Sarma, Neelotpal Sen	Cholesterol-aminoacid conjugates treated filter paper-based photoluminescence indicator for nitroaromatic chemicals	2019	Materials Research Bulletin	115		211	218	10.1016/j.materresbull.2019.03.025	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063915263&doi=10.1016%2Fj.materresbull.2019.03.025&partnerID=40&md5=11d2f76700cc849ac57bbd9062992e82
A., Sehrawat, Anuradha; S.K., Samanta, Suman Kumar; E.R., Hahm, Eun Ryeong; C.M., St Croix, Claudette M.; S.C., Watkins, Simon C.; S.V., Singh, Shivendra Vikram	Withaferin A-mediated apoptosis in breast cancer cells is associated with alterations in mitochondrial dynamics	2019	Mitochondrion	47		282	293	10.1016/j.mito.2019.01.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060762262&doi=10.1016%2Fj.mito.2019.01.003&partnerID=40&md5=a1696663445b1c0a80e24b955b1391e0

J., Gogoi, Jahnabi; A.D., Choudhury, Abhipsa Dev; D., Chowdhury, Devasish	Graphene oxide clay nanocomposite as an efficient photo-catalyst for degradation of cationic dye	2019	Materials Chemistry and Physics	232		438	445	10.1016/j.matchemphys.2019.05.010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066069172&doi=10.1016%2Fj.matchemphys.2019.05.010&partnerID=40&md5=c528d200e65e5713f680ff4c0ea232a6
S., Aggarwal, Suruchi; N.C., Talukdar, Narayan Chandra; A.K., Yadav, Amit Kumar	Advances in Higher Order Multiplexing Techniques in Proteomics	2019	Journal of Proteome Research	18	6	2360	2369	10.1021/acs.jproteom.9b00228	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066943447&doi=10.1021%2Facs.jproteome.9b00228&partnerID=40&md5=cace76ee2239bb0ab9e00dee1b577fda
M.J., Deka, Manash Jyoti; P., Dutta, Parlie; S., Sarma, Sewaljiyoti; O.K., Medhi, Okhil Kumar; N.C., Talukdar, Narayan Chandra; D., Chowdhury, Devasish	Carbon dots derived from water hyacinth and their application as a sensor for pretilachlor	2019	Heliyon	5	6			10.1016/j.heliyon.2019.e01985	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068064928&doi=10.1016%2Fj.heliyon.2019.e01985&partnerID=40&md5=5d876169afbafcc23840277f0ea4c906
M., Saikia, Mousumi; D., Devi, Dipali	Analysis of genetic diversity and phylogeny of <i>Philosamia ricini</i> (Lepidoptera: Saturniidae) by using RAPD and internal transcribed spacer DNA1	2019	Molecular Biology Reports	46	3	3035	3048	10.1007/s11033-019-04740-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062962194&doi=10.1007%2F11033-019-04740-8&partnerID=40&md5=a73126e84dc5e7aef97d2ea3f5becdeb
M., Goswami, Madhurankhi; S., Deka, Suresh	Biosurfactant production by a rhizosphere bacteria <i>Bacillus altitudinis</i> MS16 and its promising emulsification and antifungal activity	2019	Colloids and Surfaces B: Biointerfaces	178		285	296	10.1016/j.colsurfb.2019.03.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062819422&doi=10.1016%2Fj.colsurfb.2019.03.003&partnerID=40&md5=2c37de4e9c60e5930dea41dfa1b84a67
S., Sen, Suparna; S.N., Borah, Siddhartha Narayan; R., Kandimalla, Raghuram; A., Bora, Arijit; S., Deka, Suresh	Efficacy of a rhamnolipid biosurfactant to inhibit <i>Trichophyton rubrum</i> in vitro and in a mice model of dermatophytosis	2019	Experimental Dermatology	28	5	601	608	10.1111/exd.13921	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065977387&doi=10.1111%2Fexd.13921&partnerID=40&md5=843c6bc222b3d4a6ed164e26e2d7915c
S., Das, Santanu; D., Deb, Dibyayan; A., Adak, Atanu; M.R., Khan, Mojibur Rohman	Exploring the microbiota and metabolites of traditional rice beer varieties of Assam and their functionalities	2019	3 Biotech	9	5			10.1007/s13205-019-1702-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064246497&doi=10.1007%2F13205-019-1702-z&partnerID=40&md5=6cd98f9da411fa6b6320578f80b87850
S., Sarkar, Suman; S., Kundu, Sarathi	Structure, morphology and electrical behaviors of polymer (polystyrene)-metal (copper) composite thin films	2019	AIP Conference Proceedings	2100				10.1063/1.5098654	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065336800&doi=10.1063%2F1.5098654&partnerID=40&md5=67be37c19598007b1e94bf715500302f
J.S., Boruah, Jayanta Sarmah; D., Chowdhury, Devasish	Hybrid Oleic Acid-Graphene Quantum Dot Vesicles for Drug Delivery	2019	ChemistrySelect	4	14	4347	4354	10.1002/slct.201803619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064498363&doi=10.1002%2Fslct.201803619&partnerID=40&md5=83be282f436fd4341ea8d8e4f7a23265

A., Konwar, Achyut; D., Chowdhury, Devasish; A., Dan, Abhijit	Chitosan based in situ and ex situ magnetic iron oxide nanoparticles for rapid endotoxin removal from protein solutions	2019	Materials Chemistry Frontiers	3	4	716	725	10.1039/c8qm00668g	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063578401&doi=10.1039%2Fc8qm00668g&partnerID=40&md5=4d997bcd4d5371fb3f0aa2a3c20ac3f2
A.R., Saikia, Amartya Ranjan; K., Bora, Kangkana; L.B., Mahanta, Lipi B.; A.K., Das, Anup Kumar	Comparative assessment of CNN architectures for classification of breast FNAC images	2019	Tissue and Cell	57		8	14	10.1016/j.tice.2019.02.001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061209035&doi=10.1016%2Fj.tice.2019.02.001&partnerID=40&md5=7ad180badac76535b510c41f13730b29
M., Saikia, Mousumi; R., Nath, Ramesh; D., Devi, Dipali	Genetic diversity and phylogeny analysis of <i>Antheraea assamensis</i> Helfer (Lepidoptera: Saturniidae) based on mitochondrial DNA sequences	2019	Journal of Genetics	98	1			10.1007/s12041-019-1072-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062154434&doi=10.1007%2Fs12041-019-1072-7&partnerID=40&md5=7694d160456c8516d7dd32b1257cf025
M., Dehingia, Madhusmita; A., Adak, Atanu; M.R., Khan, Mojibur Rohman	Ethnicity-Influenced Microbiota: A Future Healthcare Perspective	2019	Trends in Microbiology	27		3	191	10.1016/j.tim.2019.01.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060301149&doi=10.1016%2Fj.tim.2019.01.002&partnerID=40&md5=6bcd5f3a23184272dbc829d929e02c1d
H., Talukdar, Hrishikesh; A.C., Bhowal, Ashim Chandra; S., Kundu, Sarathi	Percolation dependent conducting behavior of poly (3,4-ethylenedioxythiophene): Poly (styrenesulfonate) in the presence of cationic polyelectrolyte	2019	Physica E: Low-Dimensional Systems and Nanostructures	107		30	37	10.1016/j.physe.2018.09.015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059331036&doi=10.1016%2Fj.physe.2018.09.015&partnerID=40&md5=553c394b6ff07557c0865ba25ebb378c
K.N., Patowary, Kaustuvmani N.; M., Das, Moonjit; R., Patowary, Rupshikha; M.C., Kalita, Mohan Chandra; S., Deka, Suresh	Recycling of Bakery Waste as an Alternative Carbon Source for Rhamnolipid Biosurfactant Production	2019	Journal of Surfactants and Detergents	22	2	373	384	10.1002/jsde.12242	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058854282&doi=10.1002%2Fjsde.12242&partnerID=40&md5=20fd849cd9f892a935aa2a8f703df892
M.J., Deka, Manash Jyoti; S.K., Sahoo, Subham Kumar; D., Chowdhury, Devasish	p-Type and n-type azobenzene nanocluster immobilized graphene oxide nanocomposite	2019	Journal of Photochemistry and Photobiology A: Chemistry	372		131	139	10.1016/j.jphotochem.2018.12.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058550906&doi=10.1016%2Fj.jphotochem.2018.12.006&partnerID=40&md5=e1096a7afd5e844cc3562398097defd
A., Adak, Atanu; M.R., Khan, Mojibur Rohman	An insight into gut microbiota and its functionalities	2019	Cellular and Molecular Life Sciences	76	3	473	493	10.1007/s00018-018-2943-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060619257&doi=10.1007%2Fs00018-018-2943-4&partnerID=40&md5=19db073c36a992a9f3309889ab574980
S., Pandit, Subhankar; S., Kundu, Sarathi	Optical responses of BSA protein under re-entrant condensation in presence of trivalent ions	2019	Journal of Molecular Liquids	276		954	960	10.1016/j.molliq.2018.12.122	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059480022&doi=10.1016%2Fj.molliq.2018.12.122&partnerID=40&md5=8a810dc7ae3333db434fc67cc2ed8904

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Y.P., Singh, Yogendra Prakash; S., Girisa, Sosmitha; K., Banik, Kishore; S., Ghosh, Sharad; P., Swathi, Pantheerayil; M., Deka, Manab; G., Padmavathi, Ganesan; J., Kotoky, Jibon; G., Sethi, Gautam; L., Fan, Lu	Potential application of zerumbone in the prevention and therapy of chronic human diseases	2019	Journal of Functional Foods	53		248	258	10.1016/j.jff.2018.12.020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059171177&doi=10.1016%2Fj.jff.2018.12.020&partnerID=40&md5=59316c2814bc4a38742a046c429acb28
D., Gogoi, Deepshikha; A.A., Hussain, Amreen Ara; A.R., Pal, Arup R.	Plasma Based Synthesis of Nanomaterials for Development of Plasmon Enhanced Infrared Responsive Optoelectronic Device	2019	Plasma Chemistry and Plasma Processing	39	1	277	292	10.1007/s11090-018-9945-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057134767&doi=10.1007%2Fs11090-018-9945-8&partnerID=40&md5=255169c89bf0ade9ee7bd2261ac16824
A.C., Bhowal, Ashim Chandra; S., Pandit, Subhankar; S., Kundu, Sarathi	Fluorescence emission and interaction mechanism of protein-coated gold and copper nanoclusters as ion sensors in different ionic environments	2019	Journal of Physics D: Applied Physics	52	1			10.1088/1361-6463/aae447	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056710235&doi=10.1088%2F1361-6463%2Faee447&partnerID=40&md5=c4a8c9c9271f9d1bd2a5549738b71667
J.S., Boruah, Jayanta Sarmah; P., Kalita, Pankaj; D., Chowdhury, Devasish; M., Barthakur, Manash	Conjugation of citrate capped gold nanoparticles with gabapentin to use as biosensor	2019	Materials Today: Proceedings	46		6404	6408	10.1016/j.matpr.2020.06.422	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111121945&doi=10.1016%2Fj.matpr.2020.06.422&partnerID=40&md5=9cdac8db83257255349002e57bee531b
R., Borah, Rajiv; J., Upadhyay, Jnanendra; K., Acharjya, Kalyan	Functionalized polyaniline:chitosan nanocomposites as a potential Biomaterial	2019	Materials Today: Proceedings	32		334	343	10.1016/j.matpr.2020.01.583	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100484336&doi=10.1016%2Fj.matpr.2020.01.583&partnerID=40&md5=2ec6039e382483239ea8e405436af2b9
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B., Chakraborty, Bipradip; M.M., Borgohain, Madhurjya Modhur; N.C., Adhikary, Nirab Chandra	Structural and electronic properties of Stanene-BeO heterobilayer	2019	Materials Research Express	7	1			10.1088/2053-1591/ab6091	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077949776&doi=10.1088%2F2053-1591%2Fab6091&partnerID=40&md5=6aaa7815ecb0b72e02b82cf06aa3a719
D., Das, Daisy; L.B., Mahanta, Lipi B.	On the Study of Childhood Medulloblastoma Auto Cell Segmentation from Histopathological Tissue Samples	2019	Lecture Notes in Computer Science	11942	LNCS		3	10.1007/978-3-030-34872-4_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076492391&doi=10.1007%2F978-3-030-34872-4_1&partnerID=40&md5=6459555e6a813a90d825b68cc767d2c7

M.J., Das, Manas Jyoti; L.B., Mahanta, Lipi B.	Design and Analysis of an Isotropic Wavelet Features-Based Classification Algorithm for Adenocarcinoma and Squamous Cell Carcinoma of Lung Histological Images	2019	Lecture Notes in Computer Science	11942 LNCS			50	60	10.1007/978-3-030-34872-4_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076485719&doi=10.1007%2F978-3-030-34872-4_6&partnerID=40&md5=7ee2bd8d13c70882892a5db64f7199dc
L.B., Mahanta, Lipi B.; K., Bora, Kangkana; S.J., Kalita, Sourav Jyoti; P., Yogi, Priyangshu	Automated Counting of Platelets and White Blood Cells from Blood Smear Images	2019	Lecture Notes in Computer Science	11942 LNCS			13	20	10.1007/978-3-030-34872-4_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076465715&doi=10.1007%2F978-3-030-34872-4_2&partnerID=40&md5=3df0068a44ba258e5d18704d52e2dbf1
P., Kamboj, Parul; N.C., Talukdar, Narayan Chandra; S.K., Banerjee, Sanjay Kumar	Therapeutic Benefit of Dillenia indica in Diabetes and Its Associated Complications	2019	Journal of Diabetes Research	2019					10.1155/2019/4632491	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076014466&doi=10.1155%2F2019%2F4632491&partnerID=40&md5=60ef59a7b85bbb4366c785c32b8e385e
S., Dhar, Soma; L.B., Mahanta, Lipi B.; K.K., Das, Kishore Kumar	Estimation of the waiting time of patients in a hospital with simple Markovian model using order statistics	2019	Hacettepe Journal of Mathematics and Statistics	48		1	274	289	10.15672/HJMS.2018.607	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073878787&doi=10.15672%2FHJMS.2018.607&partnerID=40&md5=8403a00a2f012e942329908e562ebc6f
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A., Borah, Atlanta; R., Das, Rictika; R., Mazumdar, Rajkumari; D., Thakur, Debajit	Culturable endophytic bacteria of Camellia species endowed with plant growth promoting characteristics	2019	Journal of Applied Microbiology	127		3	825	844	10.1111/jam.14356	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068665351&doi=10.1111%2Fjam.14356&partnerID=40&md5=d45809eb6b5b05f49f249c46f3183907
S., Dhar, Soma; L.B., Mahanta, Lipi B.; K.K., Das, Kishore Kumar	Formulation of the simple Markovian model using fractional calculus approach and its application to analysis of queue behaviour of severe patients	2019	Statistics in Transition New Series	20		1	117		10.21307/stattrans-2019-007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068259092&doi=10.21307%2Fstattrans-2019-007&partnerID=40&md5=6d082ec8c63ca0626a6f7190508de07c
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A., Deka, Alpana; L.B., Mahanta, Lipi B.	Applications of time-series analysis: A case study on the development of a predictive model for handwritten signature	2019	Songklanakarin Journal of Science and Technology	41		1	136	143	10.14456/sjst-psu.2019.16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065534484&doi=10.14456%2Fsjst-psu.2019.16&partnerID=40&md5=a2b9cee996d0b7da59e2700ea1bdb974

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V.L., Maruthanila, V. Lenin; R., Elancheran, Ramakrishnan; N.K., Roy, Nand K.; A., Bhattacharya, Anupam; A.B., Kunnumakkara, Ajaikumar B.; S., Kabilan, Senthamaraiannan; J., Kotoky, Jibon	In silico molecular modelling of selected natural ligands and their binding features with estrogen receptor alpha	2019	Current Computer-Aided Drug Design	15	1	89	96	10.2174/15734099146661666181008165356	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058872562&doi=10.2174%2F1573409914666181008165356&partnerID=40&md5=49e3ce71bddaeca34ae959fc7f7a5853
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M.J., Deka, Manash Jyoti; D., Chowdhury, Devasish	Surface charge induced tuning of electrical properties of CVD assisted graphene and functionalized graphene sheets	2019	Journal of Materials Science and Technology	35	1	151	158	10.1016/j.jmst.2018.09.017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053807915&doi=10.1016%2Fj.jmst.2018.09.017&partnerID=40&md5=eede061ead5dcf9ac92fa7534e63a1be
A.K., Saw, Ajay Kumar; B.C., Tripathy, Binod Chandra	H(i) connected ditopological texture space	2019	Boletim da Sociedade Paranaense de Matematica	37	1	87	97	10.5269/bspm.v37i1.34440	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053518220&doi=10.5269%2Fbspm.v37i1.34440&partnerID=40&md5=7f1f1ba8b28c9c882a706696c109c490
A., Barik, Abdul; S., Upadhyaya, Samiran; I.U., Muzaddadi, Ijaz Ullah; N.S., Sarma, Neelotpal Sen	A Novel Urea Sensor Using CuO/ZnO Fabricated Diode	2018	Proceedings of IEEE Sensors	2018-October				10.1109/ICSENS.2018.8589863	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060876727&doi=10.1109%2FICSENS.2018.8589863&partnerID=40&md5=a9fa73d5a0ec4427572131755a898d9d
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U., Saikia, Ujjal; M.B., Sahariah, Munima Bora; C., Gonzalez, C.; R., Pandey, Ravindra	Vacancy assisted He-interstitial clustering and their elemental interaction at fcc-bcc semicoherent metallic interface	2018	Scientific Reports	8	1			10.1038/s41598-018-22141-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042791846&doi=10.1038%2F41598-018-22141-y&partnerID=40&md5=ce1114b09a0ffacc4d7d754db537e9b

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S., Thakur, Samir; S.M., Borah, Sankar Moni; N.C., Adhikary, Nirab Chandra	A DFT study of structural, electronic and optical properties of heteroatom doped monolayer graphene	2018	Optik	168		228	236	10.1016/j.ijleo.2018.04.099	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045743036&doi=10.1016%2Fj.ijleo.2018.04.099&partnerID=40&md5=22000df839a08d501b857d6f72129219
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P., Das, Punamshree; N., Ojah, Namita; R., Kandimalla, Raghuram; K., Mohan, Kiranjyoti; D., Gogoi, Dolly; S.K., Dolui, Swapn Kumar; A.J., Choudhury, Arup Jyoti	Surface modification of electrospun PVA/chitosan nanofibers by dielectric barrier discharge plasma at atmospheric pressure and studies of their mechanical properties and biocompatibility	2018	International Journal of Biological Macromolecules	114		1026	1032	10.1016/j.ijbiomac.2018.03.115	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045077554&doi=10.1016%2Fj.ijbiomac.2018.03.115&partnerID=40&md5=a87a950d747ac8dfeea7a5199d6fe3e2
R., Das, Ranjita; W., Romi, Wahengbam; R., Das, Rictika; H.K., Sarma, Hridip Kumar; D., Thakur, Debajit	Antimicrobial potentiality of actinobacteria isolated from two microbiologically unexplored forest ecosystems of Northeast India	2018	BMC Microbiology	18	1			10.1186/s12866-018-1215-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049851418&doi=10.1186%2Fs12866-018-1215-7&partnerID=40&md5=57b640d650234fe113a13614fd43df17

C.R., Kalita, Chandi Ram; G., Choudhury, Gautam	A note on reliability analysis of an N -policy unreliable MX/(G1G2)/1 queue with optional repeated service	2018	RAIRO - Operations Research	52	3	713	724	10.1051/ro/2017087	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053526034&doi=10.1051%2Fro%2F2017087&partnerID=40&md5=7c43a008420a745f468fde3eb882ea2d
R., Sarma, Ridip; G.C., Das, Ganesh C.; R.K., Das, Ranjan Kumar; N.C., Adhikary, Nirab Chandra	On the nonlinear solitary and shock waves in Maxwellian multicomponent space plasma	2018	Physics of Plasmas	25	7			10.1063/1.5024590	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049843486&doi=10.1063%2F1.5024590&partnerID=40&md5=d7fea7eae9df70384f96fd7602b55340
S., Dutta, Saranga; H., Dutta, Himjyoti; D., Devi, Dipali	Development of Novel 2D Composites of Silk Sericin and Rice Starch and Application as Bio-Compatible Scaffold for Cell Culturing	2018	Starch/Staerke	70	08 Jul			10.1002/star.201700270	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047448874&doi=10.1002%2Fstar.201700270&partnerID=40&md5=6745ade811baba085d4067a18c73b174
B., Choudhury, Bhaswati; R., Kandimalla, Raghuram; R., Elancheran, Ramakrishnan; R., Bharali, Rupjyoti; J., Kotoky, Jibon	Garcinia morella fruit, a promising source of antioxidant and anti-inflammatory agents induces breast cancer cell death via triggering apoptotic pathway	2018	Biomedicine and Pharmacotherapy	103			562	10.1016/j.biopha.2018.04.068	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045535642&doi=10.1016%2Fj.biopha.2018.04.068&partnerID=40&md5=5e453a1bd8f62c589a6aaf4e595978e2
J.F., Hussain, Jafrin Farha; S., Bordoloi, Sabitry	Adaptive Modifications in Four Fish Species of the Genus Garra (Teleostei; Cyprinidae) in Basistha River, Assam, India	2018	Microscopy and Microanalysis	24	3	310	317	10.1017/S1431927618000405	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049510240&doi=10.1017%2F51431927618000405&partnerID=40&md5=c24976882d14c8b5b0c125ff8fcb0dd6
S.R., Sahoo, Smruti Ranjan; S., Sahu, Sridhar; S., Sharma, S.	Charge transfer and optical properties of trifluoromethyl substituted benzodithiophene (TFMBDT): A theoretical study	2018	AIP Conference Proceedings	1953				10.1063/1.5033183	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047360823&doi=10.1063%2F1.5033183&partnerID=40&md5=4e06abeb7292d20218fb5898d24c3565
S.R., Sahoo, Smruti Ranjan; S., Sahu, Sridhar; S., Sharma, S.	Indolocarbazole (IC) Derivatives as Promising p-type Organic Semiconductors: A First-Principle Study of Their Anisotropic Charge Mobilities	2018	ChemistrySelect	3	17	4624	4634	10.1002/slct.201800285	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046667158&doi=10.1002%2Fslct.201800285&partnerID=40&md5=b093e22492f8f4466c2e67efce877da5
A., Konwar, Achyut; R., Kandimalla, Raghuram; S., Kalita, Sanjeeb; D., Chowdhury, Devasish	Approach to Fabricate a Compact Cotton Patch without Weaving: A Smart Bandage Material	2018	ACS Sustainable Chemistry and Engineering	6	5	5806	5817	10.1021/acssuschemeng.7b03920	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046727803&doi=10.1021%2Facssuschemeng.7b03920&partnerID=40&md5=57fb9124aebbb20c4e7cd9488acaaa25
S., Kumari, Sima; R., Elancheran, Ramakrishnan; R. Devi	Phytochemical screening, antioxidant, antityrosinase, and antigenotoxic potential of Amaranthus viridis extract	2018	Indian Journal of Pharmacology	50	3	130	138	10.4103/ijp.IJP_77_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051845967&doi=10.4103%2Fijp.IJP_77_18&partnerID=40&md5=66c537419af16854073a028bec67c22a
Y., Bailung, Yoshiko; T., Deka, Tonuj; A., Boruah, Abhijit; S.K., Sharma, Sumita K.; A.R., Pal, Arup R.; J., Chutia, Joyanti; H., Bailung, Heremba	Characteristics of dust voids in a strongly coupled laboratory dusty plasma	2018	Physics of Plasmas	25	5			10.1063/1.5029338	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046901198&doi=10.1063%2F1.5029338&partnerID=40&md5=3dba1c2dc63cbb77209f5bcd1fe89ac

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K., Srivastava, Kriti; A., Panda, Arunashree; S., Sharma, S.; H.B., Singh, Harkesh B.	Telluroxanes: Synthesis, structure and applications	2018	Journal of Organometallic Chemistry	861		174	206	10.1016/j.jorgchem.2018.02.036	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042861244&doi=10.1016%2Fj.jorgchem.2018.02.036&partnerID=40&md5=56e0ee5f2d0c0e7efad83a962c9573f1
H., Talukdar, Hrishikesh; S., Kundu, Sarathi	Thin film of polyelectrolyte complex nanoparticles for protein sensing	2018	AIP Conference Proceedings	1942				10.1063/1.5028864	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045765652&doi=10.1063%2F1.5028864&partnerID=40&md5=0c0106aeb1483ca9d9e3c15814d23daa
A.C., Bhowal, Ashim Chandra; S., Kundu, Sarathi	Studies on surface morphology and electrical conductivity of PEDOT:PSS thin films in presence of gold nanoparticles	2018	AIP Conference Proceedings	1942				10.1063/1.5028859	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045755413&doi=10.1063%2F1.5028859&partnerID=40&md5=a08fe959ff57c8898c07591579e94e80
S., Sarkar, Suman; S., Kundu, Sarathi	Polymer thin film as coating layer to prevent corrosion of metal/metal oxide film	2018	AIP Conference Proceedings	1942				10.1063/1.5028904	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045743266&doi=10.1063%2F1.5028904&partnerID=40&md5=f4ea1ddfbf18a39be0dd753e139f7c19
S., Pandit, Subhankar; S., Kundu, Sarathi	Optical and structural behaviors of crosslinked polyvinyl alcohol thin films	2018	AIP Conference Proceedings	1942				10.1063/1.5028863	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045731494&doi=10.1063%2F1.5028863&partnerID=40&md5=343216a92bbc826c6b67563f38ae01f
K.K., Dey, Kishore Kumar; N.C., Talukdar, Narayan Chandra; F.M.W., Nongkhaw, Fenella Mary War; D., Thakuria, Dwipendra	Isolation, characterization and practical significance of cellulose degrading bacteria from the gut wall of two ecologically distinct earthworms	2018	Current Science	114	7	1474	1484	10.18520/cs/v114/i07/1474-1484	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044930975&doi=10.18520%2Fcs%2Fv114%2Fi07%2F1474-1484&partnerID=40&md5=044ecf941e555eaa683e5f028c8f88bb
M., Choudhury, Manasee; D., Devi, Dipali	Demineralization of cocoons of <i>Antheraea assamensis</i> Helfer (muga) for effective reeling	2018	Journal of the Textile Institute	109	4	552	559	10.1080/00405000.2017.1361146	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027844022&doi=10.1080%2F00405000.2017.1361146&partnerID=40&md5=8269f4506a8c2f292c586428929b8dfe
N., Rajbongshi, Nijara; K., Bora, Kangkana; D.C., Nath, Dilip C.; A.K., Das, Anup Kumar; L.B., Mahanta, Lipi B.	Analysis of morphological features of benign and malignant breast cell extracted from fnac microscopic image using the pearsonian system of curves	2018	Journal of Cytology	35	2	99	104	10.4103/JOC.JOC_198_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044538466&doi=10.4103%2FJOC.JOC_198_16&partnerID=40&md5=6b29d8a36d2a2ed0177af2fa7044564a
S.R., Sahoo, Smruti Ranjan; S., Sahu, Sridhar; S., Sharma, S.	Charge transport and prototypical optical absorptions in functionalized zinc phthalocyanine compounds: A density functional study	2018	Journal of Physical Organic Chemistry	31	4			10.1002/poc.3785	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043982017&doi=10.1002%2Fpoc.3785&partnerID=40&md5=3bf6fd64fd55812ae62d96d728738dd3

R., Patowary, Rupshikha; K.N., Patowary, Kaustuvmani N.; M.C., Kalita, Mohan Chandra; S., Deka, Suresh	Application of biosurfactant for enhancement of bioremediation process of crude oil contaminated soil	2018	International Biodeterioration and Biodegradation	129		50	60	10.1016/j.ibiod.2018.01.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040580405&doi=10.1016%2Fj.ibiod.2018.01.004&partnerID=40&md5=adb4f621386f2e23d3474f9928a664da
M., Goswami, Monalisha; N.C., Adhikary, Nirab Chandra; S., Bhattacharjee, Suparna	Effect of annealing temperatures on the structural and optical properties of zinc oxide nanoparticles prepared by chemical precipitation method	2018	Optik	158		1006	1015	10.1016/j.ijleo.2017.12.174	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040082995&doi=10.1016%2Fj.ijleo.2017.12.174&partnerID=40&md5=4af13a48625dc24b508ab0c1d917bf26
B.K., Nath, Bhabesh Kumar; J., Chutia, Joyanti	Synthesis of plasma polymerized PEM with pillar surface structure and its fuel cell performance	2018	Materials Research Bulletin	100		62	71	10.1016/j.materresbull.2017.12.010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037536758&doi=10.1016%2Fj.materresbull.2017.12.010&partnerID=40&md5=dc3d9107ef97b7b49b13ad047d4f1e0b
H., Talukdar, Hrishikesh; S., Kundu, Sarathi	Restructuring of polyelectrolyte thin films in the presence of nonsolvent	2018	Chemical Physics	504		57	65	10.1016/j.chemphys.2018.02.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043373709&doi=10.1016%2Fj.chemphys.2018.02.006&partnerID=40&md5=19ca40a8cafe6a055c60818e0a3b17f2
G., Choudhury, Gautam; M., Deka, Mitali	A batch arrival unreliable server delaying repair queue with two phases of service and Bernoulli vacation under multiple vacation policy	2018	Quality Technology and Quantitative Management	15	2	157	186	10.1080/16843703.2016.1208934	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8498000597&doi=10.1080%2F16843703.2016.1208934&partnerID=40&md5=8a22a7590f601a241f05a89b4e39801e
A.C., Bhowal, Ashim Chandra; S., Kundu, Sarathi	A comparative study on intrinsic fluorescence of BSA and lysozyme proteins in presence of different divalent ions from their solution and thin film conformations	2018	Luminescence	33	2	267	276	10.1002/bio.3409	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043380053&doi=10.1002%2Fbio.3409&partnerID=40&md5=e4e923174cfb4a2aa6016713bc5b6155
S.K., Samanta, Suman Kumar; R., Kandimalla, Raghuram; B., Gogoi, Bhaskarjyoti; K.N., Dutta, Krishna Nayani; P., Choudhury, Paramita; P.K., Deb, Prashanta Kr; R. Devi, B.C., Pal, Bikas Chandra; N.C., Talukdar, Narayan Chandra	Phytochemical portfolio and anticancer activity of <i>Murraya koenigii</i> and its primary active component, mahanine	2018	Pharmacological Research	129		227	236	10.1016/j.phrs.2017.11.024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035224440&doi=10.1016%2Fj.phrs.2017.11.024&partnerID=40&md5=97936c1f8d5378956f138cb0f67aba74
M., Kumar, Manish; Y., Choudhury, Yashmin; S.K., Ghosh, Sankar Kumar; R., Mondal, Rosy	Application and optimization of minimally invasive cell-free DNA techniques in oncogenomics	2018	Tumor Biology	40	2			10.1177/1010428318760342	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042664960&doi=10.1177%2F1010428318760342&partnerID=40&md5=9a1dc62b35eb49aa2d6ec34622585420
S., Kundu, Sarathi; S., Pandit, Subhankar; S., Abbas, Sohrab; V.K., Aswal, Vinod Kumar; J., Kohlbrecher, Joachim	Structures and interactions among globular proteins above the isoelectric point in the presence of divalent ions: A small angle neutron scattering and dynamic light scattering study	2018	Chemical Physics Letters	693		176	182	10.1016/j.cplett.2018.01.022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041117556&doi=10.1016%2Fj.cplett.2018.01.022&partnerID=40&md5=2441430fa160dbe097bf0da7012d7ef6
U., Goswami, Upashi; A., Dutta, Anushree; A., Raza, Asif; R., Kandimalla, Raghuram; S., Kalita, Sanjeeb; S.S., Ghosh, Siddhartha Sankar; A., Chattopadhyay, Arun	Transferrin-Copper Nanocluster-Doxorubicin Nanoparticles as Targeted Theranostic Cancer Nanodrug	2018	ACS Applied Materials and Interfaces	10	4	3282	3294	10.1021/acsami.7b15165	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041441477&doi=10.1021%2Facsami.7b15165&partnerID=40&md5=c80a11c5b8d1e50a20cd4dfc94373485

S., Majumdar, Sristi; T., Bhattacharjee, Tuhin; D., Thakur, Debajit; D., Chowdhury, Devasish	Carbon Dot based Fluorescence sensor for Retinoic acid	2018	ChemistrySelect	3	2	673	677	10.1002/slct.201702458	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044296445&doi=10.1002%2Fslct.201702458&partnerID=40&md5=8aa75847cfa6bb65ef21c459870023e8
V.L., Maruthanila, V. Lenin; R., Elancheran, Ramakrishnan; A.B., Kunnumakkara, Ajaikumar B.; S., Kabilan, Senthamaraiannan; J., Kotoky, Jibon	Pleiotropic effect of mahanine and girinimbine analogs: Anticancer mechanism and its therapeutic versatility	2018	Anti-Cancer Agents in Medicinal Chemistry	18	14	1983	1990	10.2174/1871520618666180830151720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063300981&doi=10.2174%2F1871520618666180830151720&partnerID=40&md5=c51f8d6f2bf14ae3b2a965ef0f2cb8b1
N., Rajbongshi, Nijara; D.C., Nath, Dilip C.; L.B., Mahanta, Lipi B.	Estimating risk of breast cancer occurrences at different ages: Application of survival techniques	2018	Asian Pacific Journal of Cancer Prevention	19	11	3033	3038	10.31557/APJCP.2018.19.11.3033	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057251424&doi=10.31557%2FAPJCP.2018.19.11.3033&partnerID=40&md5=d67a431cf234f97bd35c96173f23e44a
K., Shravan, Karishma; B.C., Tripathy, Binod Chandra	Multiset ideal topological spaces and local functions	2018	Proyecciones	37	4	699	711	10.4067/S0716-09172018000400699	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057183112&doi=10.4067%2FS0716-09172018000400699&partnerID=40&md5=306c8c63efc4bd29426ceeeae658ca33
H., Kalita, Himadri; A., Hazarika, Ankita; R., Kandimalla, Raghuram; S., Kalita, Sanjeeb; R.Devi	Development of banana (Musa balbisiana) pseudo stem fiber as a surgical bio-tool to avert post-operative wound infections	2018	RSC Advances	8	64	36791	36801	10.1039/C8RA04470H	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056350691&doi=10.1039%2FC8RA04470H&partnerID=40&md5=a04cf6bee0418ad26cb040e552ec279f
R., Sarma, Ridip; A.P., Misra, Amar Prasad; N.C., Adhikary, Nirab Chandra	Nonlinear ion-acoustic solitary waves in an electron-positron-ion plasma with relativistic positron beam	2018	Chinese Physics B	27	10			10.1088/1674-1056/27/10/105207	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055468027&doi=10.1088%2F1674-1056%2F27%2F10%2F105207&partnerID=40&md5=2b0d0db8e3c51955d73cca283e917eee
K., Shravan, Karishma; B.C., Tripathy, Binod Chandra	Generalised closed sets in multiset topological space	2018	Proyecciones	37	2	223	237	10.4067/S0716-09172018000200223	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047791056&doi=10.4067%2FS0716-09172018000200223&partnerID=40&md5=2341e9f1cb370ddc1dfdd593871c4285
S.S., Devi, Sanasam Shantibala; N.G., Devi, Nongthombam Grihalakshmi; M.C., Kalita, Mohan Chandra; N.C., Talukdar, Narayan Chandra	Isolation and selection of cellulose-degrading microorganisms for utilization along with earthworms in efficient conversion of municipality waste mix to compost	2018	Current Science	114	6	1261	1274	10.18520/cs/v114/i06/1261-1274	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044248029&doi=10.18520%2Fcs%2Fv114%2Fi06%2F1261-1274&partnerID=40&md5=ff4fce0a117ebc467ac74ba824c84a08
S., Kalita, Suravi; N., Barman, Niva; R., Sultana, Rizuana; A., Devi, Arundhuti	Suitability of groundwater for drinking and irrigation purposes of Guwahati city, Assam, India: An assessment of its quality	2018	Research Journal of Chemistry and Environment	22	3	22	31		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042528531&partnerID=40&md5=63b6c60105c349ff8ac0a997072503b1
J.H., Choudhury, Javed Hussain; R., Das, Raima; S., Laskar, Shaheen; S., Kundu, Sharbadeb; M., Kumar, Manish; P.P., Das, Partha Pratim; Y., Choudhury, Yashmin; R., Mondal, Rosy; S.K., Ghosh, Sankar Kumar	Detection of p16 promoter hypermethylation by methylation-specific PCR	2018	Methods in Molecular Biology	1726		111	122	10.1007/978-1-4939-7565-5_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042423604&doi=10.1007%2F978-1-4939-7565-5_11&partnerID=40&md5=ff747a2762ea6b9785e6d2e83dd29cb9

M.K., Deka, Manoj Kr; A.N., Dev, Apul Narayan; A.P., Misra, Amar Prasad; N.C., Adhikary, Nirab Chandra	Characteristics of solitary waves in a relativistic degenerate ion beam driven magneto plasma	2018	Physics of Plasmas	25	1			10.1063/1.5004070	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041377831&doi=10.1063%2F1.5004070&partnerID=40&md5=2aeb08a479b9173a731dda29f5d591f8
M.J., Deka, Manash Jyoti; A., Dutta, Ananya; D., Chowdhury, Devasish	Tuning the wettability and photoluminescence of graphene quantum dots via covalent modification	2018	New Journal of Chemistry	42	1	355	362	10.1039/c7nj03280c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038851339&doi=10.1039%2Fc7nj03280c&partnerID=40&md5=0f94e2a26b0a70d018e594c92b657283
M., Hazarika, Manasi; L.B., Mahanta, Lipi B.	A novel region growing based method to remove pectoral muscle from MLO mammogram images	2018	Lecture Notes in Electrical Engineering	443			307	10.1007/978-981-10-4765-7_32	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033693751&doi=10.1007%2F978-981-10-4765-7_32&partnerID=40&md5=770493b93ef9ef3ec8d8e0cefa6a335
T.Y., Rahman, Taibur Y.; L.B., Mahanta, Lipi B.; C., Chakraborty, Chandan; A.K., Das, Anup Kumar; J.D., Sarma, Jagannath Dev	Textural pattern classification for oral squamous cell carcinoma	2018	Journal of Microscopy	269	1	85	93	10.1111/jmi.12611	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026665021&doi=10.1111%2Fjmi.12611&partnerID=40&md5=66a20c2ef4f96f4fca76afc6ce61eb4d
J., Lahkar, Jiumoni; D., Goswami, Debahuti; S., Deka, Suresh; A., Giasuddin, Ahmed	Novel approaches for application of biosurfactant produced by Pseudomonas aeruginosa for biocontrol of Colletotrichum capsici responsible for anthracnose disease in chilli	2018	European Journal of Plant Pathology	150	1	57	71	10.1007/s10658-017-1252-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019705119&doi=10.1007%2Fs10658-017-1252-3&partnerID=40&md5=d0c3a58fad6f9c0030dcddf34d0562d0
P., Pathak, Pallabi; S.K., Sharma, Sumita K.; Y., Nakamura, Yoshiharu; H., Bailung, Heremba	Observation of ion acoustic multi-Peregrine solitons in multicomponent plasma with negative ions	2017	Physics Letters, Section A: General, Atomic and Solid State Physics	381	48	4011	4018	10.1016/j.physleta.2017.10.046	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033394729&doi=10.1016%2Fj.physleta.2017.10.046&partnerID=40&md5=20509ffe1bd812e2edcb1041c5b864e6
A., Konwar, Achyut; U., Baruah, Upama; M.J., Deka, Manash Jyoti; A.A., Hussain, Amreen Ara; S.R., Haque, Sultana Rijuwana; A.R., Pal, Arup R.; D., Chowdhury, Devasish	Tea-Carbon Dots-Reduced Graphene Oxide: An Efficient Conducting Coating Material for Fabrication of an E-Textile	2017	ACS Sustainable Chemistry and Engineering	5	12	11645	11651	10.1021/acssuschemeng.7b03021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042356912&doi=10.1021%2Facssuschemeng.7b03021&partnerID=40&md5=446eabc10cec88940da3f8510617c7b4
R., Elancheran, Ramakrishnan; K.R., Saravanan, K. R.; D., Selvaraj, Divakar; S., Kumari, Sima; V.L., Maruthanila, V. Lenin; S., Kabilan, Senthamaraiannan; M., Ramanathan, Muthiah; R. Devi, J., Kotoky, Jibon	Design, synthesis and biological evaluation of novel 1, 3-thiazolidine-2, 4-diones as anti-prostate cancer agents	2017	Anti-Cancer Agents in Medicinal Chemistry	17	13	1756	1768	10.2174/1871521409666170412121820	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042804401&doi=10.2174%2F1871521409666170412121820&partnerID=40&md5=1f16d13c55c140cdf15ebd559d883e2d
G., Kaushik, Gitartha; S., Bordoloi, Sabitry	Length-weight and length-length relationships of Balitora brucei Gray, 1830 and Psilorhynchus balitora (Hamilton, 1822) from the Ranganadi river of Assam, India	2017	Journal of Applied Ichthyology	33	6	1301	1302	10.1111/jai.13477	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033493905&doi=10.1111%2Fjai.13477&partnerID=40&md5=03323268beab823cf94fc5d997630c
G., Kaushik, Gitartha; N.K., Sharma, Neeraj Kumar; Y.M., Hossain, Yeamin Md; S., Bordoloi, Sabitry	Length-weight relationships of three indigenous fishes collected from Ranganadi River of Lakhimpur district, Assam, India	2017	Journal of Applied Ichthyology	33	6	1237	1239	10.1111/jai.13438	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033443695&doi=10.1111%2Fjai.13438&partnerID=40&md5=46afbaed6c81a8d1761675a6e1d0f90d

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S.B., Pushpakumar, Sathnur Basappa; L., Ren, Lu; S., Kundu, Sourav; A., Gamon, Alejandra; S.C., Tyagi, Suresh C.; U., Sen, Utpal	Toll-like Receptor 4 Deficiency Reduces Oxidative Stress and Macrophage Mediated Inflammation in Hypertensive Kidney	2017	Scientific Reports	7	1			10.1038/s41598-017-06484-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025832443&doi=10.1038%2Fs41598-017-06484-6&partnerID=40&md5=d4a1403ece162ee2fde35c5a5413ead3
S.B., Gohain, Sonali Borpatra; S., Bordoloi, Sabitry	Higher concentration of heavy metals in surface water and fish near a municipal solid waste dump in Guwahati, Assam, India	2017	Current Science	113	9	1659	1661		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033232555&partnerID=40&md5=ea819b86f5df89405b1eccc3191df83d
B., Borgohain, Binita; H., Bailung, Heremba	Ion and electron sheath characteristics in a low density and low temperature plasma	2017	Physics of Plasmas	24	11			10.1063/1.5006133	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034247282&doi=10.1063%2F1.5006133&partnerID=40&md5=72bb5d963e50a26d78e88de6b2a31957
B.K., Sah, Bijay Kumar; S., Kundu, Sarathi	Modification of hysteresis behaviors of protein monolayer and the corresponding structures with the variation of protein surface charges	2017	Colloids and Surfaces B: Biointerfaces	159		696	704	10.1016/j.colsurfb.2017.08.032	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028582557&doi=10.1016%2Fj.colsurfb.2017.08.032&partnerID=40&md5=c127765776a0231b448207f0611f23e4
M., Kumar, Manish; S., Srivastava, Shilpee; S.A., Singh, Seram Anil; A.K., Das, Anup Kumar; G.C., Das, Ganesh Chandra; B., Dhar, Bishal; S.K., Ghosh, Sankar Kumar; R., Mondal, Rosy	Cell-free mitochondrial DNA copy number variation in head and neck squamous cell carcinoma: A study of non-invasive biomarker from Northeast India	2017	Tumor Biology	39	10	1		10.1177/1010428317736643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032576916&doi=10.1177%2F1010428317736643&partnerID=40&md5=c56cf893d3c29f43ba17645854ec14f8
G., Kaushik, Gitartha; S., Bordoloi, Sabitry	Ultrasurface structure of oromandibular area in a hill stream teleost Glyptothorax trilineatus Blyth, 1860	2017	Acta Zoologica	98	4	362	369	10.1111/azo.12182	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029221938&doi=10.1111%2Fazo.12182&partnerID=40&md5=6e3d4a9f98aa7a937e923a4896ff89cc
R., Kandimalla, Raghuram; S.K., Dash, Suvakanta K.; A.C., Bhowal, Ashim Chandra; S., Kalita, Sanjeeb; N.C., Talukdar, Narayan Chandra; S., Kundu, Sarathi; J., Kotoky, Jibon	Glycogen-gold nanohybrid escalates the potency of silymarin	2017	International Journal of Nanomedicine	12		7025	7038	10.2147/IJN.S142497	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040664473&doi=10.2147%2FIJN.S142497&partnerID=40&md5=64f48670ab19f499791f49fe2ca17ed7
D., Selvaraj, Divakar; K.R., Saravanan, K. R.; K., Perumal, Karthikeyan; R., Elancheran, Ramakrishnan; S., Kabilan, Senthamaraiannan; K., Balasubramanian, Kalapattukuppuswamy; R. Devi, J., Kotoky, Jibon; M., Ramanathan, Muthiah	Iminoamine based novel androgen receptor antagonist exhibited anti-prostate cancer activity in androgen independent prostate cancer cells through inhibition of AKT pathway	2017	Chemico-Biological Interactions	275		22	34	10.1016/j.cbi.2017.07.023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026449372&doi=10.1016%2Fj.cbi.2017.07.023&partnerID=40&md5=711ec5ea255e3cfd65c0a7ed401df4f
G., Rajender, Gone; B., Choudhury, Biswajit; P.K., Giri, P. K.	In situ decoration of plasmonic Au nanoparticles on graphene quantum dots-graphitic carbon nitride hybrid and evaluation of its visible light photocatalytic performance	2017	Nanotechnology	28	39			10.1088/1361-6528/aa810a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029538746&doi=10.1088%2F1361-6528%2Faa810a&partnerID=40&md5=f6498f11d16c34c01ddf7b5c67638ddf

H., Talukdar, Hrishikesh; S., Kundu, Sarathi	Thin films of protein (BSA, lysozyme) - Polyelectrolyte (PSS) complexes show larger red-shift in optical emissions irrespective of protein conformation	2017	Journal of Molecular Structure	1143		84	90	10.1016/j.molstruc.2017.04.074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018755617&doi=10.1016%2Fj.molstruc.2017.04.074&partnerID=40&md5=fa7ac42c46846dea285a5501f98d844
T., Deka, Tonuj; A., Boruah, Abhijit; S.K., Sharma, Sumita K.; H., Bailung, Heremba	Observation of self-excited dust acoustic wave in dusty plasma with nanometer size dust grains	2017	Physics of Plasmas	24	9			10.1063/1.5001721	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029321673&doi=10.1063%2F1.5001721&partnerID=40&md5=cfed9cafdbe00ce5ba5d69fee16fc0c7
S.R., Sahoo, Smruti Ranjan; S., Sahu, Sridhar; S., Sharma, S.	Charge transport, optical and nonlinear optical properties of CF 3 -substituted acene compounds: a DFT study	2017	Theoretical Chemistry Accounts	136	9			10.1007/s00214-017-2131-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028008527&doi=10.1007%2Fs00214-017-2131-x&partnerID=40&md5=8d01d132467d1ac46ed77e6db7e4c51b
S., Banerjee, Soma; M., Saha, Monjoy; I., Arun, Indu; B., Basak, Bijan; S.K., Agarwal, Sanjit Kumar; R., Ahmed, Rosina; S., Chatterjee, Sanjoy; L.B., Mahanta, Lipi B.; C., Chakraborty, Chandan	Near-set Based Mucin Segmentation in Histopathology Images for Detecting Mucinous Carcinoma	2017	Journal of Medical Systems	41	9			10.1007/s10916-017-0792-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027400541&doi=10.1007%2Fs10916-017-0792-6&partnerID=40&md5=04c2b4e1b3e15f958d24cdfa42052eae
R., Paul, Rajib; A.R., Choudhury, Amarendranath R.; D.C., Boruah, Dulal Chandra; R. Devi, P., Bhattacharya, Pallab; M.D., Choudhury, Manabendra Dutta; A., Borah, Anupom	Hypercholesterolemia causes psychomotor abnormalities in mice and alterations in corticostriatal biogenic amine neurotransmitters: Relevance to Parkinson's disease	2017	Neurochemistry International	108		15		10.1016/j.neuint.2017.01.021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013078327&doi=10.1016%2Fj.neuint.2017.01.021&partnerID=40&md5=d1cd6909b5e48c39196d1106739c8e10
N., Buzarbaruah, N.; N.J., Dutta, N. J.; D.R., Borgohain, Dima Rani; S.R., Mohanty, S. R.; H., Bailung, Heremba	Study on discharge plasma in a cylindrical inertial electrostatic confinement fusion device	2017	Physics Letters, Section A: General, Atomic and Solid State Physics	381	30	2391	2396	10.1016/j.physleta.2017.05.029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020138427&doi=10.1016%2Fj.physleta.2017.05.029&partnerID=40&md5=2f358156e53ac3426865d29e3339fa85
J., Dutta, Jintu; D., Thakur, Debajit	Evaluation of multifarious plant growth promoting traits, antagonistic potential and phylogenetic affiliation of rhizobacteria associated with commercial tea plants grown in Darjeeling, India	2017	PLOS ONE	12	8			10.1371/journal.pone.0182302	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026737441&doi=10.1371%2Fjournal.pone.0182302&partnerID=40&md5=434eb45881179d06526fb12c7750f36
G.C., Das, Ganesh C.	Rotation as a progenitor of various solitary waves in magnetized plasmas	2017	Chaos, Solitons and Fractals	101		33	40	10.1016/j.chaos.2017.05.007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019188004&doi=10.1016%2Fj.chaos.2017.05.007&partnerID=40&md5=d553b4e2bb982e318e4463d00716371e
N., Gogoi, Neelam; D.S., Agarwal, Devesh S.; A., Sehgal, Aishwarya; D., Chowdhury, Devasish; R., Sakhuja, Rajeev	One-Pot Synthesis of Carbon Nanodots in an Organic Medium with Aggregation-Induced Emission Enhancement (AIEE): A Rationale for "enzyme-Free" Detection of Cholesterol	2017	ACS Omega	2	7	3816	3827	10.1021/acsomega.7b00643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028935122&doi=10.1021%2Facsomega.7b00643&partnerID=40&md5=322dc4e26efb3ef9fd609db7a4eb92af
Y.P., Singh, Yogendra Pratap; M., Adhikary, Mimi; N., Bhardwaj, Nandana; B.K., Bhunia, Bibhas Kumar; B.B., Mandal, Biman B.	Silk fiber reinforcement modulates in vitro chondrogenesis in 3D composite scaffolds	2017	Biomedical Materials (Bristol)	12	4			10.1088/1748-605X/aa7697	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029161015&doi=10.1088%2F1748-605X%2Faa7697&partnerID=40&md5=01eb4bdeb9f5749c19d307917aadf175

G.D., Nongthombam, Grihalakshmi Devi; R.K., Labala, Rajendra K.; S., Das, Sudripta; P.J., Handique, Pratap Jyoti; N.C., Talukdar, Narayan Chandra	Evaluation and selection of potential biomass sources of North-East India towards sustainable bioethanol production	2017	Frontiers in Energy Research	5	JUL			10.3389/fenrg.2017.00016	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032608971&doi=10.3389%2Ffenrg.2017.00016&partnerID=40&md5=15f6ebf545afcea96ea87396332b4f52
M., Das, Momita; A., Bhattacharya, Anupam; S., Banu, Sofia; J., Kotoky, Jibon	Enhanced Biodegradation of Anthracene by <i>Bacillus Cereus</i> Strain JMG-01 Isolated from Hydrocarbon Contaminated Soils	2017	Soil and Sediment Contamination	26		5	510	10.1080/15320383.2017.1357111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031894092&doi=10.1080%2F15320383.2017.1357111&partnerID=40&md5=d64b80e6a3451eba1eac1df1495e7012
S.D., Sanasam, Shantibala Devi; N.C., Talukdar, Narayan Chandra	Quality Compost Production from Municipality Biowaste in Mix with Rice Straw, Cow Dung, and Earthworm <i>Eisenia fetida</i>	2017	Compost Science and Utilization	25		3	141	10.1080/1065657X.2016.1249312	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010666921&doi=10.1080%2F1065657X.2016.1249312&partnerID=40&md5=5b326aabc3b6738963d13f2f46fe8ce5
N., Bhardwaj, Nandana; D., Chouhan, Dimple; B.B., Mandal, Biman B.	Tissue engineered skin and wound healing: Current strategies and future directions	2017	Current Pharmaceutical Design	23		24	3455	10.2174/1381612823666170526094606	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025169329&doi=10.2174%2F1381612823666170526094606&partnerID=40&md5=57fadeab227eab34f86c8135c2299fee
N.C., Adhikary, Nirab Chandra; A.P., Misra, Amar Prasad; M.K., Deka, Manoj Kr; A.N., Dev, Apul Narayan	Nonlinear dust-acoustic solitary waves and shocks in dusty plasmas with a pair of trapped ions	2017	Physics of Plasmas	24		7		10.1063/1.4989732	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021723136&doi=10.1063%2F1.4989732&partnerID=40&md5=d991501e008e0d973c9c4f695bda6ded
M.K., Kalita, Moni Kankana; K., Haloi, Kishor; D., Devi, Dipali	Cypermethrin formulation (Ustad-10 EC) induces genotoxicity via apoptosis, affects nutritional physiology, and modulates immune response in silkworm <i>philosamia ricini</i> (lepidoptera: Saturniidae)	2017	Journal of Economic Entomology	110		3	1010	10.1093/jee/tox044	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85022074212&doi=10.1093%2Fjee%2Ftox044&partnerID=40&md5=3c1c5da00b388de229e327b8d6ffb236
A., Hazarika, Ankita; H., Kalita, Himadri; M.C., Kalita, Mohan Chandra; R. Devi	Withdrawal from high-carbohydrate, high-saturated-fat diet changes saturated fat distribution and improves hepatic low-density-lipoprotein receptor expression to ameliorate metabolic syndrome in rats	2017	Nutrition	38			95	10.1016/j.nut.2017.01.005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019443137&doi=10.1016%2Fj.nut.2017.01.005&partnerID=40&md5=11bd8a118a829da2041e8055bd405979
M., Dehingia, Madhusmita; S., Sen, Supriyo; B., Bhaskar, Bhuwan; T.K., Joishy, Tulsi Kumari; M., Deka, Manab; N.C., Talukdar, Narayan Chandra; M.R., Khan, Mojibur Rohman	Ethnicity influences gut metabolites and microbiota of the tribes of Assam, India	2017	Metabolomics	13		6		10.1007/s11306-017-1206-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017564790&doi=10.1007%2Fs11306-017-1206-y&partnerID=40&md5=73257412f4e11ea92512e315e9fe06d7
R., Thakur, Rupamoni; A.K., Mukherjee, Ashis Kumar	Pathophysiological significance and therapeutic applications of snake venom protease inhibitors	2017	Toxicon	131			37	10.1016/j.toxicon.2017.03.011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015877332&doi=10.1016%2Fj.toxicon.2017.03.011&partnerID=40&md5=49890c52d69b638aba139e874aa363f6
S., Sen, Suparna; S.N., Borah, Siddhartha Narayan; A., Bora, Arijit; S., Deka, Suresh	Production, characterization, and antifungal activity of a biosurfactant produced by <i>Rhodotorula babjevae</i> YS3	2017	Microbial Cell Factories	16		1		10.1186/s12934-017-0711-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019684728&doi=10.1186%2Fs12934-017-0711-z&partnerID=40&md5=0e7447b165dc500412f93718f4a68e14

B.K., Sah, Bijay Kumar; S., Kundu, Sarathi	Modification of structure and pattern of lipid monolayer on water and solid surfaces in presence of globular protein	2017	AIP Conference Proceedings	1832				10.1063/1.4980472	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020297067&doi=10.1063%2F1.4980472&partnerID=40&md5=2e141f30ec0ee4a5cc574059b2b6a ecc
H., Talukdar, Hrishikesh; S., Kundu, Sarathi	Structural and optical behavior of thin films of protein (BSA)-Polyelectrolyte (PAA, PSS) complexes	2017	AIP Conference Proceedings	1832				10.1063/1.4980471	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020290296&doi=10.1063%2F1.4980471&partnerID=40&md5=300ecdcdc7717bf9208d5d0a188b5 efe
K., Das, Kaushik; S., Kundu, Sarathi	Ion specific 2D to 3D structural modification of Langmuir monolayer at lower surface pressure	2017	AIP Conference Proceedings	1832				10.1063/1.4980469	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020263996&doi=10.1063%2F1.4980469&partnerID=40&md5=8aeb0afe775bf454c47309185c993 57d
A.C., Bhowal, Ashim Chandra; S., Kundu, Sarathi	Growth of gold nanocrystals on BSA thin films	2017	AIP Conference Proceedings	1832				10.1063/1.4980470	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020254009&doi=10.1063%2F1.4980470&partnerID=40&md5=d0e492f9b60d6d382689036a8918 21a5
U., Saikia, Ujjal; N., Saikia, Nabanita; K.M., Waters, Kevin M.; R., Pandey, Ravindra; M.B., Sahariah, Munima Bora	Electronic Properties of Acetaminophen Adsorbed on 2D Clusters: A First Principles Density Functional Study	2017	ChemistrySelect	2	13	3613	3621	10.1002/slct.201601593	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85024386023&doi=10.1002%2Fslct.201601593&partnerID=40&md5=7b0936b37ba642f196f214dbd 92ff4a2
B., Basumatary, Budhadev; M.K., Das, M. K.; S., Baishya, Sangipran; S., Bordoloi, Sabitry	A study on concentration of total petroleum hydrocarbons in lentic water bodies near oil field areas of upper Assam, India	2017	Journal of Environmental Biology	38	3	375	381	10.22438/jeb/38/3/M S-148	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018665413&doi=10.22438%2Fjeb%2F38%2F3%2FMS-148&partnerID=40&md5=0e1e3c20bb6e19b4c14 cb6ba940e015
D., Saikia, Dilip; S., Chakravarty, Sudesna; N.S., Sarma, Neelotpal Sen; S., Bhattacharjee, Suparna; P., Datta, Pranayee; N.C., Adhikary, Nirab Chandra	Aqueous synthesis of highly stable CdTe/ZnS Core/Shell quantum dots for bioimaging	2017	Luminescence	32	3	401	408	10.1002/bio.3193	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981543709&doi=10.1002%2Fbio.3193&partnerID=40&md5=d72bf21a8875704b6fe73a8ed86b8e2 6
H., Saikia, Himadri; K.K., Hazarika, Kumar Kashyap; B., Chutia, Bhugendra; B., Choudhury, Biswajit; P., Bharali, Pankaj	A Simple Chemical Route toward High Surface Area CeO ₂ Nanoparticles Displaying Remarkable Radical Scavenging Activity	2017	ChemistrySelect	2	11	3369	3375	10.1002/slct.201700354	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041417390&doi=10.1002%2Fslct.201700354&partnerID=40&md5=d7f26f472104df1a34f9f9c5ecb 06a7b
R., Kandimalla, Raghuram; S.K., Dash, Suvakanta K.; S., Kalita, Sanjeeb; B., Choudhury, Bhaswati; S., Malampati, Sandeep; R. Devi, M., Ramanathan, Muthiah; N.C., Talukdar, Narayan Chandra; J., Kotoky, Jibon	Bioactive fraction of annona reticulata bark (Or) Ziziphus jujuba root bark along with insulin attenuates painful diabetic neuropathy through inhibiting NF-κB inflammatory cascade	2017	Frontiers in Cellular Neuroscience	11				10.3389/fncel.2017.00073	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018315372&doi=10.3389%2Ffncel.2017.00073&partnerID=40&md5=91ec3af2edde5e0825d2800 5316d5e61
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E., Thokchom, Elizabeth; D., Thakuria, Dwipendra; M.C., Kalita, Mohan Chandra; C.K., Sharma, Chandradev K.; N.C., Talukdar, Narayan Chandra	Root colonization by host-specific rhizobacteria alters indigenous root endophyte and rhizosphere soil bacterial communities and promotes the growth of mandarin orange	2017	European Journal of Soil Biology	79		48		10.1016/j.ejsobi.2017.02.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014016110&doi=10.1016%2Fj.ejsobi.2017.02.003&partnerID=40&md5=945dfce6038dacc37b94e2d1cc2fa94
V.L., Maruthanila, V. Lenin; R., Elancheran, Ramakrishnan; A.B., Kunnumakkara, Ajaikumar B.; S., Kabilan, Senthamaraiannan; J., Kotoky, Jibon	Recent development of targeted approaches for the treatment of breast cancer	2017	Breast Cancer	24		2	191	10.1007/s12282-016-0732-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992697305&doi=10.1007%2Fs12282-016-0732-1&partnerID=40&md5=d3b0bd521f4af47d47ef8edac82b462a
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K.N., Patowary, Kaustuvmani N.; R., Patowary, Rupshikha; M.C., Kalita, Mohan Chandra; S., Deka, Suresh	Characterization of biosurfactant produced during degradation of hydrocarbons using crude oil as sole source of carbon	2017	Frontiers in Microbiology	8	FEB			10.3389/fmicb.2017.00279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014478973&doi=10.3389%2Ffmicb.2017.00279&partnerID=40&md5=b84ec252e97936e23aee937c580e8f52
M.J., Deka, Manash Jyoti; D., Chowdhury, Devasish	CVD Assisted Hydrophobic Graphene Quantum Dots: Fluorescence Sensor for Aromatic Amino Acids	2017	ChemistrySelect	2		5	1999	10.1002/slct.201601737	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035129530&doi=10.1002%2Fslct.201601737&partnerID=40&md5=8b99e90fa4deba001c91a0435a057027
K., Das, Kaushik; B.K., Sah, Bijay Kumar; S., Kundu, Sarathi	Cation-induced monolayer collapse at lower surface pressure follows specific headgroup percolation	2017	Physical Review E	95		2		10.1103/PhysRevE.95.022804	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013682672&doi=10.1103%2FPhysRevE.95.022804&partnerID=40&md5=8655c83711784ea34c1e1fbf2ba0b9bb
M., Pathak, Mihirjyoti; H.K., Sarma, Hridip Kumar; K.G., Bhattacharyya, Krishna G.; S., Subudhi, Sanjukta; V., Bisht, Varsha; B., Lal, Banwari; A., Devi, Arundhuti	Characterization of a novel polymeric bioflocculant produced from bacterial utilization of n-hexadecane and its application in removal of heavy metals	2017	Frontiers in Microbiology	8	FEB			10.3389/fmicb.2017.00170	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014529197&doi=10.3389%2Ffmicb.2017.00170&partnerID=40&md5=856b7c4e0be8dba003620b2e5084d7b
S., Baruah, Sunandan; A., Devi, Arundhuti; K.G., Bhattacharyya, Krishna G.; A.J.D., Sarma, Arunima J.D.	Developing a biosorbent from <i>Aegle Marmelos</i> leaves for removal of methylene blue from water	2017	International Journal of Environmental Science and Technology	14		2	341	10.1007/s13762-016-1150-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010378811&doi=10.1007%2Fs13762-016-1150-9&partnerID=40&md5=12d53bb7ab827163bbc56e2dc4549836
G., Devi, Gitumani; A., Devi, Arundhuti; K.G., Bhattacharyya, Krishna G.	Oil exploration activities: assessment of hazardous impacts on 'Golden silk' cultivation	2017	Environmental Monitoring and Assessment	189		2		10.1007/s10661-017-5769-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010000331&doi=10.1007%2Fs10661-017-5769-x&partnerID=40&md5=40d118852db17f782db64875821db6fa

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B., Choudhury, Bhaswati; R., Kandimalla, Raghuram; R., Bharali, Rupjyoti; J., Kotoky, Jibon	Anticancer activity of Garcinia Morella chloroform fraction and its active compound garcinol on neuroblastoma	2017	Asian Journal of Pharmaceutical and Clinical Research	10	12	182	185	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036668204&doi=10.22159%2Fajpcr.2017.v10i12.21066&partnerID=40&md5=bae10123a7609ae0a523c0913e45399d
M.J., Deka, Manash Jyoti; D., Chowdhury, Devasish	Chiral carbon dots and their effect on the optical properties of photosensitizers	2017	RSC Advances	7	84	53057	53063	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035119286&doi=10.1039%2Fc7ra10611d&partnerID=40&md5=9ce7c5d43c1010e17ef44706d162cd2b
H., Kalita, Himadri; A., Hazarika, Ankita; S., Kalita, Sanjeeb; R., Kandimalla, Raghuram; R. Devi	Antimicrobials tethering on suture surface through a hydrogel: A novel strategy to combat postoperative wound infections	2017	RSC Advances	7	52	32637	32646	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021687510&doi=10.1039%2Fc7ra04888b&partnerID=40&md5=14f875a9699e5cb6d9bf6d3465e84a83
S., Kalita, Suravi; M., Pathak, Mihirjyoti; G., Devi, Gitumani; H.P., Sarma, Hari Prasad; K.G., Bhattacharyya, Krishna G.; A.J.D., Sarma, Arunima J.D.; A., Devi, Arundhuti	Utilization of: Euryale ferox Salisbury seed shell for removal of basic fuchsin dye from water: Equilibrium and kinetics investigation	2017	RSC Advances	7	44	27248	27259	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021683410&doi=10.1039%2Fc7ra03014b&partnerID=40&md5=0366524c77aaf68405b4d10eae63001f
D.P., Parasar, Deep Prakash; H.K., Sarma, Hridip Kumar; J., Kotoky, Jibon	Exploring the genealogy and phenomic divergences of indigenous domesticated yeasts cultivated by six ethnic communities of Assam, India	2017	Journal of Biological Sciences	17	2	91	105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016643428&doi=10.3923%2Fjbs.2017.91.105&partnerID=40&md5=860102063aba290cdc18ee8e2e9b7868
S., Chakravarty, Sudesna; A., Datta, Arpan; N.S., Sarma, Neelotpal Sen	An electrical solid-state sulphur dioxide vapour sensor based on a polyvinyl alcohol formaldehyde composite	2017	Journal of Materials Chemistry C	5	11	2871	2882	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015169710&doi=10.1039%2Fc7tc00442g&partnerID=40&md5=c3744a63b0d1ecd1342cd49d342ad3e9
K.R., Saravanan, K. R.; R., Elancheran, Ramakrishnan; D., Selvaraj, Divakar; S.A.A., Anand, Selvam Athavan Alias; M., Ramanathan, Muthiah; J., Kotoky, Jibon; N.K., Lokanath, Nerattur Krishnappagowda; S., Kabilan, Senthamarakannan	Design, synthesis and biological evaluation of 2-(4-phenylthiazol-2-yl) isoindoline-1,3-dione derivatives as anti-prostate cancer agents	2017	Bioorganic and Medicinal Chemistry Letters	27	5	1199	1204	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011308861&doi=10.1016%2Fj.bmcl.2017.01.065&partnerID=40&md5=205eea166cfd0224ab7c98e6c282036
A.A., Hussain, Amreen Ara; A.R., Pal, Arup R.	Enhanced light harvesting through Förster resonance energy transfer in polymer-small molecule ternary system	2017	Journal of Materials Chemistry C	5	5	1136	1148	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011304350&doi=10.1039%2Fc6tc04667c&partnerID=40&md5=882bdd557191fae7b9fd7a48362cc4be
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S., Kundu, Sarathi; V.K., Aswal, Vinod Kumar; J., Kohlbrecher, Joachim	Effect of ethanol on structures and interactions among globular proteins	2017	Chemical Physics Letters	670		71	76	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008870024&doi=10.1016%2Fj.cplett.2016.12.067&partnerID=40&md5=a904d5d48dea16941dc7d66850f21fcd

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S., Acharjee, Santanu; B.C., Tripathy, Binod Chandra	Some results on soft bitopology	2017	Boletim da Sociedade Paranaense de Matematica	35	1	269	279	10.5269/bspm.v35i1.29145	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994860545&doi=10.5269%2Fbspm.v35i1.29145&partnerID=40&md5=9696df008c00a1115f453d6ea9707a7e
K., Bora, Kangkana; M., Chowdhury, Manish; L.B., Mahanta, Lipi B.; M.K., Kundu, Malay Kumar; A.K., Das, Anup Kumar	Automated classification of Pap smear images to detect cervical dysplasia	2017	Computer Methods and Programs in Biomedicine	138		31	47	10.1016/j.cmpb.2016.10.001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994045082&doi=10.1016%2Fj.cmpb.2016.10.001&partnerID=40&md5=b1ffe7391bb6684f3b449d8ea09c0e8b
S., Majumdar, Sristi; G., Krishnatreya, Gargee; N., Gogoi, Neelam; D., Thakur, Debajit; D., Chowdhury, Devasish	Carbon-Dot-Coated Alginate Beads as a Smart Stimuli-Responsive Drug Delivery System	2016	ACS Applied Materials and Interfaces	8	50	34179	34184	10.1021/acsami.6b10914	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006928694&doi=10.1021%2Facsami.6b10914&partnerID=40&md5=5132f7c4df63d4e54a75bf74d1810b72
K., Bora, Kangkana; M., Chowdhury, Manish; L.B., Mahanta, Lipi B.; M.K., Kundu, Malay Kumar; A.K., Das, Anup Kumar	Pap smear image classification using convolutional neural network	2016	ACM International Conference Proceeding Series					10.1145/3009977.3010068	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014841160&doi=10.1145%2F3009977.3010068&partnerID=40&md5=5d66bc0155ea559e29a7fcd40ed152d
B.K., Sarma, Bimal K.; P., Barman, Pintu; B.K., Sarma, Bikash K.; A., Das, Apurba; A.R., Pal, Arup R.	Biomimetic deposition of carbonate apatite and role of carbonate substitution on mechanical properties at nanoscale	2016	Materials Letters	185		387	390	10.1016/j.matlet.2016.09.028	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987984450&doi=10.1016%2Fj.matlet.2016.09.028&partnerID=40&md5=bfac2e9e9999c9b1f05fd78d0f1eb
S.K., Singh, Saket Kumar; B.K., Bhunia, Bibhas Kumar; N., Bhardwaj, Nandana; S., Gilotra, Sween; B.B., Mandal, Biman B.	Reloadable Silk-Hydrogel Hybrid Scaffolds for Sustained and Targeted Delivery of Molecules	2016	Molecular Pharmaceutics	13	12	4066	4081	10.1021/acs.molpharmaceut.6b00672	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002544268&doi=10.1021%2Facs.molpharmaceut.6b00672&partnerID=40&md5=a9485a6c9f58654c390a35d92b1494e9
A.C., Bhowal, Ashim Chandra; S., Kundu, Sarathi	Time dependent gold nanoclusters and nanocrystals formation on BSA at solid-water and air-solid interfaces	2016	Journal of Molecular Liquids	224		89	94	10.1016/j.molliq.2016.09.057	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989343872&doi=10.1016%2Fj.molliq.2016.09.057&partnerID=40&md5=caf270bc3d1f8793c90a8cedc121ac28
P., Gupta, Prerak; M., Adhikary, Mimi; J.C., Moses, Joseph Christakiran; M., Kumar, Manishekhar; N., Bhardwaj, Nandana; B.B., Mandal, Biman B.	Biomimetic, Osteoconductive Non-mulberry Silk Fiber Reinforced Tricomposite Scaffolds for Bone Tissue Engineering	2016	ACS Applied Materials and Interfaces	8	45	30797	30810	10.1021/acsami.6b11366	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995932341&doi=10.1021%2Facsami.6b11366&partnerID=40&md5=795c81958a41c5b3efbe1bf5d5fd9caf
M.K., Kalita, Moni Kankana; K., Haloi, Kishor; D., Devi, Dipali	Larval exposure to chlorpyrifos affects nutritional physiology and induces genotoxicity in silkworm Philosamia ricini (Lepidoptera: Saturniidae)	2016	Frontiers in Physiology	7	NOV			10.3389/fphys.2016.00535	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006380300&doi=10.3389%2Ffphys.2016.00535&partnerID=40&md5=49b00ff6aba0e42dd0c5450a6341922b

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M., Choudhury, Manasee; B., Talukdar, Bijit; D., Devi, Dipali	Surface smoothening and characterization of silk fibers of <i>Antheraea assamensis</i> Helfer (muga) using some natural agents	2016	Journal of the Textile Institute	107	11	1347	1356	10.1080/00405000.2015.1108688https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947918719&doi=10.1080%2F00405000.2015.1108688&partnerID=40&md5=f9651f9f17ec0611096fe4e6970b6976
S., Kumari, Sima; M., Deori, Meetali; R., Elancheran, Ramakrishnan; J., Kotoky, Jibon; R. Devi	In vitro and in vivo antioxidant, anti-hyperlipidemic properties and chemical characterization of <i>Centella asiatica</i> (L.) extract	2016	Frontiers in Pharmacology	7	OCT			10.3389/fphar.2016.00400https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995489539&doi=10.3389%2Ffphar.2016.00400&partnerID=40&md5=2387afaa76de734e7ef336ef5ff9a649
A.N., Dev, Apul Narayan; M.K., Deka, Manoj Kr; J.K., Sarma, Jnanjyoti K.; D., Saikia, Dilip; N.C., Adhikary, Nirab Chandra	K-P-Burgers equation in negative ion-rich relativistic dusty plasma including the effect of kinematic viscosity	2016	Chinese Physics B	25	10			10.1088/1674-1056/25/10/105202https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989892588&doi=10.1088%2F1674-1056%2F25%2F10%2F105202&partnerID=40&md5=12590d621068f994d0f81ef6f8f34111
A., Hazarika, Ankita; H., Kalita, Himadri; D.C., Boruah, Dulal Chandra; M., Chandra Kalita, Mohan; R. Devi	Pathophysiology of metabolic syndrome: The onset of natural recovery on withdrawal of a high-carbohydrate, high-fat diet	2016	Nutrition	32	10	1081	1091	10.1016/j.nut.2016.03.005https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975507475&doi=10.1016%2Fj.nut.2016.03.005&partnerID=40&md5=27ff55f4a35081937d252f3964515789
R., Patowary, Rupshikha; K.N., Patowary, Kaustuvmani N.; M.C., Kalita, Mohan Chandra; S., Deka, Suresh	Utilization of Paneer Whey Waste for Cost-Effective Production of Rhamnolipid Biosurfactant	2016	Applied Biochemistry and Biotechnology	180	3	383	399	10.1007/s12010-016-2105-9&partnerID=40&md5=4bb2d84d9a73abc27f1fd23b54b13795https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965071496&doi=10.1007%2Fs12010-016-2105-9&partnerID=40&md5=4bb2d84d9a73abc27f1fd23b54b13795
H., Talukdar, Hrishikesh; S., Kundu, Sarathi; S., Basu, Saibal	Larger red-shift in optical emissions obtained from the thin films of globular proteins (BSA, lysozyme) - Polyelectrolyte (PAA) complexes	2016	Applied Surface Science	382		121	127	10.1016/j.apsusc.2016.04.110https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964595339&doi=10.1016%2Fj.apsusc.2016.04.110&partnerID=40&md5=4c30948ad52a4086334fb1d60f2726c0
S.N., Borah, Siddhartha Narayan; D., Goswami, Debahuti; H.K., Sarma, Hridip Kumar; S.S., Cameotra, Swarnjit Singh; S., Deka, Suresh	Rhamnolipid biosurfactant against <i>Fusarium verticillioides</i> to control stalk and ear rot disease of maize	2016	Frontiers in Microbiology	7	SEP			10.3389/fmicb.2016.01505https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994060935&doi=10.3389%2Fmicb.2016.01505&partnerID=40&md5=5a3863535535733f886f0ab9b0065690
M., Deori, Meetali; D., Devi, Dipali; S., Kumari, Sima; A., Hazarika, Ankita; H., Kalita, Himadri; R., Sarma, Rahul; R. Devi	Antioxidant effect of sericin in brain and peripheral tissues of oxidative stress induced hypercholesterolemic rats	2016	Frontiers in Pharmacology	7	SEP			10.3389/fphar.2016.00319https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992147582&doi=10.3389%2Ffphar.2016.00319&partnerID=40&md5=d4c3453b1d897a383ab0375a74544bb4
R., Kandimalla, Raghuram; S.K., Dash, Suvakanta K.; S., Kalita, Sanjeeb; B., Choudhury, Bhaswati; S., Malampati, Sandeep; K., Kalita, Kasturi; B., Kalita, Bhupalee; R. Devi; J., Kotoky, Jibon	Protective effect of bioactivity guided fractions of <i>Ziziphus jujuba</i> mill. Root bark against hepatic injury and chronic inflammation via inhibiting inflammatory markers and oxidative stress	2016	Frontiers in Pharmacology	7	SEP			10.3389/fphar.2016.00298https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991817659&doi=10.3389%2Ffphar.2016.00298&partnerID=40&md5=66b2cef0bab589be1aa52262b71d9015

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A., Boruah, Abhijit; S.K., Sharma, Sumita K.; Y., Nakamura, Yoshiharu; H., Bailung, Heremba	Observation of dust acoustic multi-solitons in a strongly coupled dusty plasma	2016	Physics of Plasmas	23	9			10.1063/1.4962566	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988530426&doi=10.1063%2F1.4962566&partnerID=40&md5=141035a0b361a0bef318f6b14a70a7bc
R.C., Jose, Robinson C.; S., Goyari, Sailendra; B., Louis, Bengyella; S.D., Waikhom, Sayanika Devi; P.J., Handique, Pratap Jyoti; N.C., Talukdar, Narayan Chandra	Investigation on the biotrophic interaction of Ustilago esculenta on Zizania latifolia found in the Indo-Burma biodiversity hotspot	2016	Microbial Pathogenesis	98		6	15	10.1016/j.micpath.2016.06.021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976394924&doi=10.1016%2Fj.micpath.2016.06.021&partnerID=40&md5=5bb1bc1cb591e5235515f5ff60d6ff41
S., Chakravarty, Sudesna; P., Dutta, Priyanka; S., Kalita, Sanjeeb; N.S., Sarma, Neelotpal Sen	PVA-based nanobiosensor for ultrasensitive detection of folic acid by fluorescence quenching	2016	Sensors and Actuators B: Chemical	232		243	250	10.1016/j.snb.2016.03.116	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962425017&doi=10.1016%2Fj.snb.2016.03.116&partnerID=40&md5=c7946abb7898edb65d7ed1b9153e7310
R., Sarma, Rahul; S., Kumari, Sima; R., Elancheran, Ramakrishnan; M., Deori, Meetal; R. Devi	Polyphenol rich extract of Garcinia pedunculata fruit attenuates the hyperlipidemia induced by high fat diet	2016	Frontiers in Pharmacology	7	AUG			10.3389/fphar.2016.00294	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988640449&doi=10.3389%2Ffphar.2016.00294&partnerID=40&md5=70fa1ec55a0c730acfc5702337ddd99
Y.P., Singh, Yogendra Pratap; N., Bhardwaj, Nandana; B.B., Mandal, Biman B.	Potential of Agarose/Silk Fibroin Blended Hydrogel for in Vitro Cartilage Tissue Engineering	2016	ACS Applied Materials and Interfaces	8	33	21236	21249	10.1021/acsami.6b08285	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983528621&doi=10.1021%2Facsami.6b08285&partnerID=40&md5=6bf7f5d96d721416d124dd1503e7427c
A.C., Bhowal, Ashim Chandra; S., Kundu, Sarathi	Growth of gold nanoclusters and nanocrystals induced by lysozyme protein in thin film conformation	2016	Chemical Physics	475		77	82	10.1016/j.chemphys.2016.06.017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977661517&doi=10.1016%2Fj.chemphys.2016.06.017&partnerID=40&md5=f0ad8b3a4c2347d2b3a656846ee591a7
A., Konwar, Achyut; S., Kalita, Sanjeeb; J., Kotoky, Jibon; D., Chowdhury, Devasish	Chitosan-Iron Oxide Coated Graphene Oxide Nanocomposite Hydrogel: A Robust and Soft Antimicrobial Biofilm	2016	ACS Applied Materials and Interfaces	8	32	20625	20634	10.1021/acsami.6b07510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983347951&doi=10.1021%2Facsami.6b07510&partnerID=40&md5=6663bccab1d92c98c3542fa80fa9f02a
S.K., Parida, Saroj K.; S., Sahu, Sridhar; S., Sharma, S.	Regioselectivity of third-row main group dicarbides, C ₂ X (X = K-Br) for CO interaction: Fukui function and topological analyses	2016	Chemical Physics Letters	659		216	220	10.1016/j.cplett.2016.06.053	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978698067&doi=10.1016%2Fj.cplett.2016.06.053&partnerID=40&md5=75b0dc7bd1c75c7bf7cc7fdc709a4a03
N.K., Roy, Nand K.; D., Bordoloi, Devivasha; J., Monisha, Javadi; G., Padmavathi, Ganesan; J., Kotoky, Jibon; R., Golla, Ramesh; A.B., Kunnumakkara, Ajaikumar B.	Specific targeting of Akt kinase isoforms: Taking the precise path for prevention and treatment of cancer	2016	Current Drug Targets	17	10	421	435	10.2174/1389450117666160307145236	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010417126&doi=10.2174%2F1389450117666160307145236&partnerID=40&md5=e74455f967dc090ca21f63540380c857

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S., Kundu, Sarathi; V.K., Aswal, Vinod Kumar; J., Kohlbrecher, Joachim	Synergistic effect of temperature, protein and salt concentration on structures and interactions among lysozyme proteins	2016	Chemical Physics Letters	657		90	94	10.1016/j.cplett.2016.05.066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971574812&doi=10.1016%2Fj.cplett.2016.05.066&partnerID=40&md5=4d8b28d58628c3a19a655b8e9e289bd9
S., Kumari, Sima; R., Elancheran, Ramakrishnan; J., Kotoky, Jibon; R. Devi	Rapid screening and identification of phenolic antioxidants in Hydrocotyle sibthorpioides Lam. by UPLC-ESI-MS/MS	2016	Food Chemistry	203		521	529	10.1016/j.foodchem.2016.02.101	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959017376&doi=10.1016%2Fj.foodchem.2016.02.101&partnerID=40&md5=34c0158fdb0c053e64a9e97bdf2ed5f
K.N., Patowary, Kaustuvmani N.; R., Patowary, Rupshikha; M.C., Kalita, Mohan Chandra; S., Deka, Suresh	Development of an efficient bacterial consortium for the potential remediation of hydrocarbons from contaminated sites	2016	Frontiers in Microbiology	7	JUL			10.3389/fmicb.2016.01092	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983032230&doi=10.3389%2Ffmicb.2016.01092&partnerID=40&md5=c6eee6628a649e7db3f45c41eb9dd1eb
R., Kandimalla, Raghuram; S., Kalita, Sanjeeb; B., Saikia, Bikas; B., Choudhury, Bhaswati; Y.P., Singh, Yogendra P.; K., Kalita, Kasturi; S.K., Dash, Suvakanta K.; J., Kotoky, Jibon	Antioxidant and hepatoprotective potentiality of randia dumetorum Lam. leaf and bark via inhibition of oxidative stress and inflammatory cytokines	2016	Frontiers in Pharmacology	7	JUL			10.3389/fphar.2016.00205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981492984&doi=10.3389%2Ffphar.2016.00205&partnerID=40&md5=404125fe8351fd6e9c2a29d262a9f234
S.N., Borah, Siddhartha Narayan; S., Deka, Suresh; H.K., Sarma, Hridip Kumar	First report of fusarium verticillioides causing stalk rot of Maize in Assam, India	2016	Plant Disease	100		7	1501	10.1094/PDIS-01-16-0074-PDN	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979073043&doi=10.1094%2FPDIS-01-16-0074-PDN&partnerID=40&md5=fa5f1d848be2dd985c90f131a8a2bffd
K., Haloi, Kishor; M.K., Kalita, Moni Kankana; R., Nath, Ramesh; D., Devi, Dipali	Characterization and pathogenicity assessment of gut-associated microbes of muga silkworm Antheraea assamensis Helfer (Lepidoptera: Saturniidae)	2016	Journal of Invertebrate Pathology	138		73	85	10.1016/j.jip.2016.06.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976271962&doi=10.1016%2Fj.jip.2016.06.006&partnerID=40&md5=5b5d64635debfeb223a82e167fc40de0
U., Saikia, Ujjal; M.B., Sahariah, Munima Bora; R., Pandey, Ravindra	Stability of Cu-Nb layered nanocomposite from chemical bonding	2016	Chemical Physics Letters	655-656		59	65	10.1016/j.cplett.2016.05.022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969849726&doi=10.1016%2Fj.cplett.2016.05.022&partnerID=40&md5=1991cc8917b232e8638439fad3662350
D., Saikia, Dilip; P., Dutta, Priyanka; N.S., Sarma, Neelotpal Sen; N.C., Adhikary, Nirab Chandra	CdTe/ZnS core/shell quantum dot-based ultrasensitive PET sensor for selective detection of Hg (II) in aqueous media	2016	Sensors and Actuators B: Chemical	230		149	156	10.1016/j.snb.2016.02.035	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958970451&doi=10.1016%2Fj.snb.2016.02.035&partnerID=40&md5=67c4a61da5ff5102cf46d8f6927ed0f2
R., Kandimalla, Raghuram; S., Kalita, Sanjeeb; B., Choudhury, Bhaswati; S.K., Dash, Suvakanta K.; K., Kalita, Kasturi; J., Kotoky, Jibon	Chemical composition and anti-candidiasis mediated wound healing property of Cymbopogon nardus essential oil on chronic diabetic wounds	2016	Frontiers in Pharmacology	7	JUN			10.3389/fphar.2016.00198	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977672517&doi=10.3389%2Ffphar.2016.00198&partnerID=40&md5=31080f8dd60d589e9daefeb8a9196602

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R., Kandimalla, Raghuram; S.K., Dash, Suvakanta K.; S., Kalita, Sanjeeb; B., Choudhury, Bhaswati; S., Malampati, Sandeep; K., Kalita, Kasturi; J., Kotoky, Jibon	Bioactive guided fractions of Annona reticulata L. bark: Protection against liver toxicity and inflammation through inhibiting oxidative stress and proinflammatory cytokines	2016	Frontiers in Pharmacology	7	JUN			10.3389/fphar.2016.00168	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84977643902&doi=10.3389%2Ffphar.2016.00168&partnerID=40&md5=8a6892169c7611bfb25490825681b16c
P.P., Baruah, P. P.; S., Deka, Suresh; P.P., Baruah, Partha Pratim	Phytoremediation of crude oil-contaminated soil employing <i>Crotalaria pallida</i> Aiton	2016	Environmental Science and Pollution Research	23	11	10595	10603	10.1007/s11356-016-6227-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957654257&doi=10.1007%2Fs11356-016-6227-y&partnerID=40&md5=80b79fd9188d0c44a341666b8efacef3
K., Das, Kaushik; S., Kundu, Sarathi	Collapse of Langmuir monolayer at lower surface pressure: Effect of hydrophobic chain length	2016	AIP Conference Proceedings	1731				10.1063/1.4947886	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984588943&doi=10.1063%2F1.4947886&partnerID=40&md5=aa019a02383a96811611e05dcac06168
H., Talukdar, Hrishikesh; S., Kundu, Sarathi	Structural and morphological modifications of polymer thin film in the presence of nonsolvent	2016	AIP Conference Proceedings	1731				10.1063/1.4947909	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984533430&doi=10.1063%2F1.4947909&partnerID=40&md5=73ddb0214acd9f1f4ce788bfbcc114a77
S.R., Sahoo, Smruti Ranjan; S., Sahu, Sridhar; S., Sharma, S.	Charge transport properties of CN-substituted furan based organic semiconductor: A density functional study	2016	AIP Conference Proceedings	1728				10.1063/1.4946098	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984565417&doi=10.1063%2F1.4946098&partnerID=40&md5=3b4032874bd478d62efb4f8051f2b419
A.C., Bhowal, Ashim Chandra; S., Kundu, Sarathi	Effect of divalent ions on the optical emission behavior of protein thin films	2016	AIP Conference Proceedings	1728				10.1063/1.4946712	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984559574&doi=10.1063%2F1.4946712&partnerID=40&md5=b0fcf83ffb9081698201872f3eeaf7a
S.K., Sharma, Sumita K.; A., Boruah, Abhijit; Y., Nakamura, Yoshiharu; H., Bailung, Heremba	Observation of dust acoustic shock wave in a strongly coupled dusty plasma	2016	Physics of Plasmas	23	5			10.1063/1.4950832	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84970006291&doi=10.1063%2F1.4950832&partnerID=40&md5=00359302d68561bc1a6f05d59f0e2b0a
R., Kandimalla, Raghuram; S., Kalita, Sanjeeb; B., Choudhury, Bhaswati; D., Devi, Dipali; D., Kalita, Dhaneswar; K., Kalita, Kasturi; S.K., Dash, Suvakanta K.; J., Kotoky, Jibon	Fiber from ramie plant (<i>Boehmeria nivea</i>): A novel suture biomaterial	2016	Materials Science and Engineering C	62		816	822	10.1016/j.msec.2016.02.040	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958818242&doi=10.1016%2Fj.msec.2016.02.040&partnerID=40&md5=cad76e322c2497ca14568eb0a6c0a98d
U., Baruah, Upama; A., Konwar, Achyut; D., Chowdhury, Devasish	A sulphonated carbon dot-chitosan hybrid hydrogel nanocomposite as an efficient ion-exchange film for Ca ²⁺ and Mg ²⁺ removal	2016	Nanoscale	8	16	8542	8546	10.1039/c6nr01129b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969642554&doi=10.1039%2Fc6nr01129b&partnerID=40&md5=9e4c770dd60fd9fa08b8a1681a64c81

G., Kaushik, Gitartha; S., Bordoloi, Sabitry	Ichthyofauna of Ranganadi river in Lakhimpur, Assam, India	2016	Check List	12	2			10.15560/12.2.1872	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964304513&doi=10.15560%2F12.2.1872&partnerID=40&md5=8c5c15129368af784c8971ceb13f6cfc
G.C., Das, Ganesh C.; R., Deka, Rinku; M.P., Bora, Madhurjya P.	Revisiting the plasma sheath - Dust in plasma sheath	2016	Physics of Plasmas	23	4			10.1063/1.4946865	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966263527&doi=10.1063%2F1.4946865&partnerID=40&md5=9739c2583723bea72ca9a357c49adfee
R., Elancheran, Ramakrishnan; K.R., Saravanan, K. R.; B., Choudhury, Bhaswati; D., Selvaraj, Divakar; S., Kabilan, Senthamarakannan; M., Ramanathan, Muthiah; B., Das, Biswanath; R. Devi, J., Kotoky, Jibon	Design and development of oxobenzimidazoles as novel androgen receptor antagonists	2016	Medicinal Chemistry Research	25	4	539	552	10.1007/s00044-016-1504-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959470762&doi=10.1007%2Fs00044-016-1504-3&partnerID=40&md5=34552cf87c6bc6293241026231e43292
S., Kalita, Sanjeeb; R., Kandimalla, Raghuram; K.K., Sharma, Kaustav Kalyan; A.C., Kataki, Amal Chandra; M., Deka, Manab; J., Kotoky, Jibon	Amoxicillin functionalized gold nanoparticles reverts MRSA resistance	2016	Materials Science and Engineering C	61		720	727	10.1016/j.msec.2015.12.078	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954348533&doi=10.1016%2Fj.msec.2015.12.078&partnerID=40&md5=b7cf0c3ee1042c9a9f494189e4cc5622
P.R., Sharma, Priyanka R.; M.C., Kalita, Mohan Chandra; D., Thakur, Debajit	Broad spectrum antimicrobial activity of forest-derived soil actinomycete, Nocardia sp. PB-52	2016	Frontiers in Microbiology	7	MAR			10.3389/fmicb.2016.00347	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964403874&doi=10.3389%2Fmicb.2016.00347&partnerID=40&md5=4f92f870d3ce9b2c429f3b9925d769b4
B.K., Sarma, Bimal K.; A., Das, Apurba; P., Barman, Pintu; A.R., Pal, Arup R.	Biomimetic growth and substrate dependent mechanical properties of bone like apatite nucleated on Ti and magnetron sputtered TiO2 nanostructure	2016	Journal of Physics D: Applied Physics	49	14			10.1088/0022-3727/49/14/145304	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962245620&doi=10.1088%2F0022-3727%2F49%2F14%2F145304&partnerID=40&md5=32621f96391b3ed57f4ed0dc256bde72
K., Das, Kaushik; S., Kundu, Sarathi	Subphase pH induced monolayer to multilayer collapse of fatty acid Salt Langmuir monolayer at lower surface pressure	2016	Colloids and Surfaces A: Physicochemical and Engineering Aspects	492		54	61	10.1016/j.colsurfa.2015.12.016	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951991046&doi=10.1016%2Fj.colsurfa.2015.12.016&partnerID=40&md5=737311751aad5ae92ef209cd05e4a851
M., Choudhury, Manasee; B., Talukdar, Bijit; N., Dass, Narendranath; K.C., Baruah, Kanak Chandra; D., Devi, Dipali	Impact of BSA and casein on chemical modification of muga silk fiber	2016	Journal of the Textile Institute	107	3	346	354	10.1080/00405000.2015.1034926	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954027421&doi=10.1080%2F00405000.2015.1034926&partnerID=40&md5=63bd9fb57d5a8bbf84558df2ab103c6d
M., Narah, Merina; M.K., Das, Moushumi K.; J.C., Kalita, Jogen Chandra; J., Kotoky, Jibon	Preliminary phytochemical estimation and antioxidant properties of phoebe goalparensis Hutch. -A medicinal plant used by the tribal practitioners of assam in northeast region of India	2016	International Journal of Pharmaceutical Sciences Review and Research	37	2	125	129		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964956266&partnerID=40&md5=027d87e468553ff4d01cb200380ae9ce
J.F., Hussain, Jafrin Farha; S., Bordoloi, Sabitry	Breeding tubercles in scales of male Barilius bendelisis (Hamilton, 1807) identified as sexual dimorphic character	2016	Current Science	110	6	985	986		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962861125&partnerID=40&md5=15720df6686f3c0da437dfefc3c78f03

A.J., Choudhury, Arup Jyoti; D., Gogoi, Dolly; R., Kandimalla, Raghuram; S., Kalita, Sanjeeb; Y.B., Chaudhari, Yogesh Babasaheb; M.R., Khan, Mojibur Rohman; J., Kotoky, Jibon; J., Chutia, Joyanti	Penicillin impregnation on oxygen plasma surface functionalized chitosan/Antheraea assama silk fibroin: Studies of antibacterial activity and antithrombogenic property	2016	Materials Science and Engineering C	60		475	484	10.1016/j.msec.2015.11.070	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949034697&doi=10.1016%2Fj.msec.2015.11.070&partnerID=40&md5=2176a8bb2bfd87d2514eb22658a806f5
M.J., Deka, Manash Jyoti; D., Chowdhury, Devasish	Tuning Electrical Properties of Graphene with Different π -Stacking Organic Molecules	2016	Journal of Physical Chemistry C	120	7	4121	4129	10.1021/acs.jpcc.5b12403	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959387136&doi=10.1021%2Facs.jpcc.5b12403&partnerID=40&md5=b182d8f12046297dd7187c4abeaadab9
A.A., Hussain, Amreen Ara; B., Sharma, Bikash; T., Barman, Tapan; A.R., Pal, Arup R.	Self-Powered Broadband Photodetector using Plasmonic Titanium Nitride	2016	ACS Applied Materials and Interfaces	8	6	4258	4265	10.1021/acsami.6b00249	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959019322&doi=10.1021%2Facsami.6b00249&partnerID=40&md5=88471d70feb21eb5c8aa2b3317f925e7
U., Baruah, Upama; D., Chowdhury, Devasish	Functionalized graphene oxide quantum dot-PVA hydrogel: A colorimetric sensor for Fe ²⁺ , Co ²⁺ and Cu ²⁺ ions	2016	Nanotechnology	27	14			10.1088/0957-4484/27/14/145501	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959562535&doi=10.1088%2F0957-4484%2F27%2F14%2F145501&partnerID=40&md5=d8c44789021cb5cb8f6319a0317a364c
S., Subudhi, Sanjukta; V., Bisht, Varsha; N., Batta, Neha; M., Pathak, Mihirjyoti; A., Devi, Arundhuti; B., Lal, Banwari	Purification and characterization of exopolysaccharide bioflocculant produced by heavy metal resistant <i>Achromobacter xylosoxidans</i>	2016	Carbohydrate Polymers	137		441	451	10.1016/j.carbpol.2015.10.066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947804261&doi=10.1016%2Fj.carbpol.2015.10.066&partnerID=40&md5=088c6d434453c7f3f227b1b440ad8cad
G., Choudhury, Gautam; L., Tadj, Lotfi; M., Deka, Mitali	An unreliable server retrieval queue with two phases of service and general retrieval times under Bernoulli vacation schedule	2016	Quality Technology and Quantitative Management	12	4	437	464	10.1080/16843703.2015.11673430	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008947222&doi=10.1080%2F16843703.2015.11673430&partnerID=40&md5=eaf3f3bb22bf1140d57c33081d18f10b
P., Pathak, Pallabi; S.K., Sharma, Sumita K.; Y., Nakamura, Yoshiharu; H., Bailung, Heremba	Observation of second order ion acoustic Peregrine breather in multicomponent plasma with negative ions	2016	Physics of Plasmas	23	2			10.1063/1.4941968	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959010563&doi=10.1063%2F1.4941968&partnerID=40&md5=42ac7a1440d06c54174d62c89fed3c94
G., Devi, Gitumani; A., Devi, Arundhuti; K.G., Bhattacharyya, Krishna G.	Hydrocarbons and heavy metals in fine particulates in oil field air: possible impacts on production of natural silk	2016	Environmental Science and Pollution Research	23	4	3310	3321	10.1007/s11356-015-5533-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958765729&doi=10.1007%2F11356-015-5533-0&partnerID=40&md5=bbdd4feb0b9a970ea6519107a73c4c0e
A.J., Choudhury, Arup Jyoti; D., Gogoi, Dolly; J., Chutia, Joyanti; R., Kandimalla, Raghuram; S., Kalita, Sanjeeb; J., Kotoky, Jibon; Y.B., Chaudhari, Yogesh Babasaheb; M.R., Khan, Mojibur Rohman; K., Kalita, Kasturi	Controlled antibiotic-releasing <i>Antheraea assama</i> silk fibroin suture for infection prevention and fast wound healing	2016	Surgery (United States)	159	2	539	547	10.1016/j.surg.2015.07.022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955213891&doi=10.1016%2Fj.surg.2015.07.022&partnerID=40&md5=60c7234bfbe88caff56df0497651600c
S., Chabungbam, Satyananda; G., Loh, Guanche; M.B., Sahariah, Munima Bora; A.R., Pal, Arup R.; R., Pandey, Ravindra	Atomic level understanding of site-specific interactions in Polyaniline/TiO ₂ composite	2016	Chemical Physics Letters	645		144	149	10.1016/j.cplett.2015.12.044	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953431683&doi=10.1016%2Fj.cplett.2015.12.044&partnerID=40&md5=fdff50f096e64a5f60ec96b9fbaf13dc

K., Das, Kaushik; S., Kundu, Sarathi; S., Mehan, Sumit; V.K., Aswal, Vinod Kumar	Modified interactions among globular proteins below isoelectric point in the presence of mono-, di- and tri-valent ions: A small angle neutron scattering study	2016	Chemical Physics Letters	645		127	132	10.1016/j.cplett.2015.12.033	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953271989&doi=10.1016%2Fj.cplett.2015.12.033&partnerID=40&md5=b6b490e52748d683662713c85563f48b
R.C., Jose, Robinson C.; B., Louis, Bengyella; S., Goyari, Sailendra; S.D., Waikhom, Sayanika Devi; P.J., Handique, Pratap Jyoti; N.C., Talukdar, Narayan Chandra	Biotrophic interaction of Sporisorium scitamineum on a new host-Saccharum spontaneum	2016	Micron	81		8	15	10.1016/j.micron.2015.11.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948808397&doi=10.1016%2Fj.micron.2015.11.002&partnerID=40&md5=cfe489d7015db4b8678eb3495f150783
B., Choudhury, Bhaswati; R., Kandimalla, Raghuram; R., Bharali, Rupjyoti; J., Monisha, Javadi; A.B., Kunnumakkara, Ajaikumar B.; K., Kalita, Kasturi; J., Kotoky, Jibon	Anticancer activity of Garcinia morella on T-cell murine lymphoma via apoptotic induction	2016	Frontiers in Pharmacology		7 JAN			10.3389/fphar.2016.00003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961990971&doi=10.3389%2Ffphar.2016.00003&partnerID=40&md5=f1f2321c97ef82319570b88b91c052d2
G., Kaushik, Gitartha; S., Bordoloi, Sabitry	Ichthyofauna of rangadi river in Lakhimpur, Assam, India	2016	Check List	12		2		10.15560/12.2.1871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113914044&doi=10.15560%2F12.2.1871&partnerID=40&md5=775e73db1c03878a9bfae58d4978cdd3
L.B., Mahanta, Lipi B.; K.K., Das, Kishore Kumar; S., Dhar, Soma	A queuing model for dealing with patients with severe disease	2016	Electronic Journal of Applied Statistical Analysis	9		2	362	10.1285/i20705948v9n2p362	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002885185&doi=10.1285%2Fi20705948v9n2p362&partnerID=40&md5=cf9526c5600227d6be348b5564cfe3f3
J.P., Kumar, Jadi Praveen; N., Bhardwaj, Nandana; B.B., Mandal, Biman B.	Cross-linked silk sericin-gelatin 2D and 3D matrices for prospective tissue engineering applications	2016	RSC Advances	6		107	105125	10.1039/c6ra18654h	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994520323&doi=10.1039%2Fc6ra18654h&partnerID=40&md5=9b08b0ad1bef47ac6ab6f82072b60e19
R.K., Biroju, Ravi K.; B., Choudhury, Biswajit; P.K., Giri, P. K.	Plasmon-enhanced strong visible light photocatalysis by defect engineered CVD graphene and graphene oxide physically functionalized with Au nanoparticles	2016	Catalysis Science and Technology	6		19	7101	10.1039/c6cy00826g	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989285776&doi=10.1039%2Fc6cy00826g&partnerID=40&md5=6bc808d17d0d81af184566a1c4d96113
S., Chakravarty, Sudesna; N., Bhardwaj, Nandana; B.B., Mandal, Biman B.; N.S., Sarma, Neelotpal Sen	Silk fibroin-carbon nanoparticle composite scaffolds: A cost effective supramolecular 'turn off' chemiresistor for nitroaromatic explosive vapours	2016	Journal of Materials Chemistry C	4		38	8920	10.1039/c6tc03337g	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989284366&doi=10.1039%2Fc6tc03337g&partnerID=40&md5=6b089cba1ca6facf638c258ccd63f459
J., Monisha, Javadi; N.K., Roy, Nand K.; D., Bordoloi, Devivasha; A., Kumar, Amit; R., Golla, Ramesh; J., Kotoky, Jibon; G., Padmavathi, Ganesan; A.B., Kunnumakkara, Ajaikumar B.	Nuclear factor kappa B: A potential target to persecute head and neck cancer	2016	Current Drug Targets	17		16		10.2174/1389450117666160201112330	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986913148&doi=10.2174%2F1389450117666160201112330&partnerID=40&md5=75a20ebf79c46314c14714ead4a3e885
D.S., Agarwal, Devesh S.; N., Gogoi, Neelam; D., Chowdhury, Devasish; R., Sakhuja, Rajeev	Amino acid appended cholic acid-azobenzene dyad: An effective & smart phase selective gelator for aromatic solvents	2016	RSC Advances	6		80	76632	10.1039/c6ra13160c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983288350&doi=10.1039%2Fc6ra13160c&partnerID=40&md5=28b45678dbff152bb2273b543a8ecd97

S., Chabungbam, Satyananda; P., Borgohain, Parijat; S., Ghosh, Subhradip; N., Singh, Navdeep; M.B., Sahariah, Munima Bora	Martensitic transformation and magnetism in Ni and Fe-rich compositions of Ni-Fe-Ga shape memory alloys	2016	Journal of Alloys and Compounds	689		199	207	10.1016/j.jallcom.2016.07.211	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982784012&doi=10.1016%2Fj.jallcom.2016.07.211&partnerID=40&md5=1518c2bcdade22c6acbd9b780835992
M., Das, Momita; D.K., Patel, Devendra Kumar; A.K., Sarma, Arup Kumar; B.K., Baruah, Binode Kumar; S., Banu, Sofia; J., Kotoky, Jibon	Assessment of polycyclic aromatic hydrocarbons and heavy metals pollution in soils of Guwahati city, Assam, India	2016	Current Science	110	12	2285	2291	10.18520/cs/v110/i12/2285-2292	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982216594&doi=10.18520%2Fcs%2Fv110%2Fi12%2F2285-2292&partnerID=40&md5=5672d897e12540498a246131ff3e68a6
U., Baruah, Upama; D., Chowdhury, Devasish	Ethylene diamine mediated cobalt nanoparticle studded graphene oxide quantum dots with tunable photoluminescence properties	2016	RSC Advances	6	71	67102	67112	10.1039/c6ra12686c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979524794&doi=10.1039%2Fc6ra12686c&partnerID=40&md5=16c34fd38f00ac411e1015a6bffbdb1d
S., Majumdar, Sristi; U., Baruah, Upama; G., Majumdar, Gitanjali; D., Thakur, Debajit; D., Chowdhury, Devasish	Paper carbon dot based fluorescence sensor for distinction of organic and inorganic sulphur in analytes	2016	RSC Advances	6	62	57327	57334	10.1039/c6ra07476f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976344607&doi=10.1039%2Fc6ra07476f&partnerID=40&md5=1e1fe0659dc9701b8961e33da8b8597b
H., Kalita, Himadri; D.C., Boruah, Dulal Chandra; M., Deori, Meetal; A., Hazarika, Ankita; R., Sarma, Rahul; S., Kumari, Sima; R., Kandimalla, Raghuram; J., Kotoky, Jibon; R. Devi	Antidiabetic and antilipidemic effect of Musa balbisiana root extract: A potent agent for glucose homeostasis in streptozotocin-induced diabetic rat	2016	Frontiers in Pharmacology	7	MAY			10.3389/fphar.2016.00102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974577689&doi=10.3389%2Ffphar.2016.00102&partnerID=40&md5=ff5145601ca9c087cba0a40d19a241b2
M., Kumar, Manishekhar; D., Jain, Deepak; N., Bhardwaj, Nandana; P., Gupta, Prerak; S.K., Nandi, Samit Kumar; B.B., Mandal, Biman B.	Native honeybee silk membrane: A potential matrix for tissue engineering and regenerative medicine	2016	RSC Advances	6	59	54394	54403	10.1039/c6ra10738a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973657500&doi=10.1039%2Fc6ra10738a&partnerID=40&md5=9e8f76815026bf8e17691d4fc0986515
N., Bhardwaj, Nandana; Y.P., Singh, Yogendra Pratap; D., Devi, Dipali; R., Kandimalla, Raghuram; J., Kotoky, Jibon; B.B., Mandal, Biman B.	Potential of silk fibroin/chondrocyte constructs of muga silkworm <i>Antheraea assamensis</i> for cartilage tissue engineering	2016	Journal of Materials Chemistry B	4	21	3670	3684	10.1039/c6tb00717a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971350097&doi=10.1039%2Fc6tb00717a&partnerID=40&md5=90bf07eaf74bc47f15d4684b6838c662
G., Choudhury, Gautam; M., Deka, Mitali	A batch arrival unreliable server queue with two phases of service and Bernoulli vacation schedule under randomised vacation policy	2016	International Journal of Services and Operations Management	24	1	33	72	10.1504/IJSOM.2016.075763	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964465041&doi=10.1504%2FIJSOM.2016.075763&partnerID=40&md5=ab990bb04d918fd36cefaa091d7c331d
M., Choudhury, Manasee; D., Devi, Dipali	Impact of high temperature and pressure on sericin scouring of muga silk cocoons	2016	Indian Journal of Fibre and Textile Research	41	1	93	96		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960342218&partnerID=40&md5=1bf46356fe4ab0b44affbdc265ae818
R., Sarma, Rahul; M., Das, Minakshi; T., Mudoi, Tiluttama; K.K., Sharma, Kaustav Kalyan; J., Kotoky, Jibon; R. Devi	Evaluation of antioxidant and antifungal activities of polyphenol-rich extracts of dried pulp of <i>garcinia pedunculata</i> roxb. And <i>garcinia morella</i> gaertn. (clusiaceae)	2016	Tropical Journal of Pharmaceutical Research	15	1	133	140	10.4314/tjpr.v15i1.19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956918217&doi=10.4314%2Ftjpr.v15i1.19&partnerID=40&md5=1b47224de6dc20fd945a58bfa93c0bb4

P., Dutta, Priyanka; S., Chakravarty, Sudesna; N.S., Sarma, Neelotpal Sen	Detection of nitroaromatic explosives using π -electron rich luminescent polymeric nanocomposites	2016	RSC Advances	6	5	3680	3689	10.1039/c5ra20347c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954289656&doi=10.1039%2Fc5ra20347c&partnerID=40&md5=aa8d7ff5b13c69aab59afc7ff9538b0e
A., Gogoi, Anna; N.S., Sarma, Neelotpal Sen	Conductivity study of poly(acrylonitrile-co-2-vinylpyridine) complexed with vinyl acetic acid and 4-pentenoic acid	2016	Ionics	22	1	77	84	10.1007/s11581-015-1529-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953637099&doi=10.1007%2Fs11581-015-1529-5&partnerID=40&md5=a3839633ea51b37c7705bd57b7b38be8
A., Paul, Avinoy; B.C., Tripathy, Binod Chandra	Subdivisions of the spectra for the operator D(r, 0, 0, s) over certain sequence spaces	2016	Boletim da Sociedade Paranaense de Matematica	34	1	75	84	10.5269/bspm.v34i1.22759	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952801798&doi=10.5269%2Fbspm.v34i1.22759&partnerID=40&md5=6acb87d9580b5b1392d2349dd390cc1e
J.F., Hussain, Jafrin Farha; M.K., Das, M. K.; G., Kaushik, Gitartha; S., Bordoloi, Sabitry	Length–weight relationships of five fish species collected from Basistha River, a torrential river in Assam, India	2016	Journal of Applied Ichthyology	32	1	137	138	10.1111/jai.12913	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945176536&doi=10.1111%2Fjai.12913&partnerID=40&md5=882cb249f7513045ad6c30fc56f7a293
B., Gogoi, Bedanta; N.S., Sarma, Neelotpal Sen	Poly-glycerol acrylate and curcumin composite: its dual emission fluorescence quenching and electrical properties for sensing 2-vinyl pyridine	2015	Journal of Materials Science	50	23	7647	7659	10.1007/s10853-015-9329-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942365235&doi=10.1007%2Fs10853-015-9329-x&partnerID=40&md5=0291df2098e315fa0e170c9711c36d10
M., Dehingia, Madhusmita; K.T., Devi, Kanchal Thangjam; N.C., Talukdar, Narayan Chandra; R., Talukdar, Rupiyoti; N.D., Reddy, Nageshwar Duvvuru; S.S., Mande, Sharmila Shekhar; M., Deka, Manab; M.R., Khan, Mojibur Rohman	Gut bacterial diversity of the tribes of India and comparison with the worldwide data	2015	Scientific Reports	5				10.1038/srep18563	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951754446&doi=10.1038%2Fsrep18563&partnerID=40&md5=8095438ec897f4558364a50e70e89fcf
S., Grosjean, Stéphane; S., Bordoloi, Sabitry; Y., Chuaynkern, Yodchaiy; P., Chakravarty, Paramita; A., Ohler, Annemarie	When young are more conspicuous than adults: A new ranid species (Anura: Ranidae) revealed by its tadpole	2015	Zootaxa	4058	4	471	498	10.11646/zootaxa.4058.4.2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950309759&doi=10.11646%2Fzootaxa.4058.4.2&partnerID=40&md5=dc3e68dd7c650f775b86d29409e8ffa7
B., Louis, Bengyella; S.D., Waikhom, Sayanika Devi; S., Goyari, Sailendra; R.C., Jose, Robinson C.; P., Roy, Pranab; N.C., Talukdar, Narayan Chandra	First proteome study of sporadic flowering in bamboo species (Bambusa vulgaris and Dendrocalamus manipureanus) reveal the boom is associated with stress and mobile genetic elements	2015	Gene	574	2	255	264	10.1016/j.gene.2015.08.010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946480210&doi=10.1016%2Fj.gene.2015.08.010&partnerID=40&md5=7332675e2ac1bed588939aef0dc8943f
T., Barman, Tapan; A.A., Hussain, Amreen Ara; B., Sharma, Bikash; A.R., Pal, Arup R.	Plasmonic hot hole generation by interband transition in gold-polyaniline	2015	Scientific Reports	5				10.1038/srep18276	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949579866&doi=10.1038%2Fsrep18276&partnerID=40&md5=f724c4201359f18dff1d0eef6468edbf
B.C., Tripathy, Binod Chandra; R., Goswami, Rupanjali	Fuzzy real valued P-absolutely summable multiple sequences In Probabilistic Normed Spaces	2015	Afrika Matematika	26	08 Jul	1281	1289	10.1007/s13370-014-0280-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944680573&doi=10.1007%2Fs13370-014-0280-9&partnerID=40&md5=4aed402a8fc3f0e9755c2959a629fd9d

S., Kundu, Sarathi; K., Das, Kaushik; S., Mehan, Sumit; V.K., Aswal, Vinod Kumar; J., Kohlbrecher, Joachim	Structure and interaction among protein and nanoparticle mixture in solution: Effect of temperature	2015	Chemical Physics Letters	641		68	73	10.1016/j.cplett.2015.10.039	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946843136&doi=10.1016%2Fj.cplett.2015.10.039&partnerID=40&md5=2f558b0e77eae9603d6f07a9d53c0309
N., Gogoi, Neelam; D., Chowdhury, Devasish	Fragmentation of supported gold nanoparticles@agarose film by thiols and the role of their synergy in efficient catalysis	2015	RSC Advances	5	123	101860	101870	10.1039/c5ra19567e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948652427&doi=10.1039%2F5ra19567e&partnerID=40&md5=9e952a083ca4e964d1fe79933fa338fd
P., Dutta, Priyanka; D., Saikia, Dilip; N.C., Adhikary, Nirab Chandra; N.S., Sarma, Neelotpal Sen	Macromolecular Systems with MSA-Capped CdTe and CdTe/ZnS Core/Shell Quantum Dots as Superselective and Ultrasensitive Optical Sensors for Picric Acid Explosive	2015	ACS Applied Materials and Interfaces	7	44	24778	24790	10.1021/acsami.5b07660	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947093038&doi=10.1021%2Facsami.5b07660&partnerID=40&md5=74b0b07e13451405ae761b633c903bdf
D., Goswami, Debahuti; S.N., Borah, Siddhartha Narayan; J., Lahkar, Jiumoni; P.J., Handique, Pratap Jyoti; S., Deka, Suresh	Antifungal properties of rhamnolipid produced by Pseudomonas aeruginosa DS9 against Colletotrichum falcatum	2015	Journal of Basic Microbiology	55	11	1265	1274	10.1002/jobm.201500220	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945157012&doi=10.1002%2Fjobm.201500220&partnerID=40&md5=2a3637e8a467d46199760a52646e2c46
N., Bhardwaj, Nandana; R., Rajkhowa, Rangam; X., Wang, Xungai; D., Devi, Dipali	Milled non-mulberry silk fibroin microparticles as biomaterial for biomedical applications	2015	International Journal of Biological Macromolecules	81		31	40	10.1016/j.ijbiomac.2015.07.049	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939559357&doi=10.1016%2Fj.ijbiomac.2015.07.049&partnerID=40&md5=174d7d3a7013d92d66197e44a879a5e8
B., Gogoi, Bedanta; N., Paul, Niloy; D., Chowdhury, Devasish; N.S., Sarma, Neelotpal Sen	Instant detection of picric acid vapour by developing layer by layer polymer detectors and an electronic prototype	2015	Journal of Materials Chemistry C	3	42	11081	11089	10.1039/c5tc02939b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945263284&doi=10.1039%2F5tc02939b&partnerID=40&md5=cdebedacc91ddcf7dc82971b871cfcb
B.C., Tripathy, Binod Chandra; A., Paul, Avinoy	The spectrum of the operator $D(r,0,s,0,t)$ over the sequence spaces $\mathcal{C}_p$ and bvp	2015	Afrika Matematika	26	06 May	1137	1151	10.1007/s13370-014-0268-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939628724&doi=10.1007%2Fs13370-014-0268-5&partnerID=40&md5=396ab440ca253c46bae7f762fbded80a
B.C., Tripathy, Binod Chandra; R., Goswami, Rupanjali	Multiple sequences in probabilistic normed spaces	2015	Afrika Matematika	26	06 May	753	760	10.1007/s13370-014-0243-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939615536&doi=10.1007%2Fs13370-014-0243-1&partnerID=40&md5=f6ad981d736d86fb9a7a893c122ccdad
A., Konwar, Achyut; A., Gogoi, Ansumi; D., Chowdhury, Devasish	Magnetic alginate-Fe ₃ O ₄ hydrogel fiber capable of ciprofloxacin hydrochloride adsorption/separation in aqueous solution	2015	RSC Advances	5	99	81573	81582	10.1039/c5ra16404d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942531752&doi=10.1039%2F5ra16404d&partnerID=40&md5=1d2b831702e0c8892624e4a191c3df6
A., Gogoi, Anna; N.S., Sarma, Neelotpal Sen	Solid state ionic conductivity of 2-vinylpyridine-acrylonitrile copolymer and its hydroiodide and hydrofluoride salts	2015	Ionics	21	9	2543	2549	10.1007/s11581-015-1448-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945253056&doi=10.1007%2Fs11581-015-1448-5&partnerID=40&md5=423f97a32ec754f16b8169d8aabf928b

A., Boruah, Abhijit; S.K., Sharma, Sumita K.; H., Bailing, Heremba; Y., Nakamura, Yoshiharu	Oblique collision of dust acoustic solitons in a strongly coupled dusty plasma	2015	Physics of Plasmas	22	9			10.1063/1.4931735	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942416068&doi=10.1063%2F1.4931735&partnerID=40&md5=4e031a29da799f4e2779770bdb366884
A., Paul, Avinoy; B.C., Tripathy, Binod Chandra	The spectrum of the operator $D(r,0,0,s)$ over the sequence space bv_0	2015	Georgian Mathematical Journal	22	3	421	426	10.1515/gmj-2015-0035&partnerID=40&md5=b3c9b85c66deaf795ad455400d2d8af3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941057067&doi=10.1515%2Fgmj-2015-0035&partnerID=40&md5=b3c9b85c66deaf795ad455400d2d8af3
A.C., Bhowal, Ashim Chandra; K., Das, Kaushik; S., Kundu, Sarathi	Fluorescence behavior of globular proteins from their bulk and thin film conformations in presence of mono-, di- and tri-valent ions	2015	Colloids and Surfaces B: Biointerfaces	133		263	269	10.1016/j.colsurfb.2015.06.010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934948355&doi=10.1016%2Fj.colsurfb.2015.06.010&partnerID=40&md5=63361ee6d1fc4ef72b0e12828f15d8fe
S., Chakravarty, Sudesna; B., Gogoi, Bedanta; N.S., Sarma, Neelotpal Sen	Fluorescent probes for detection of picric acid explosive: A greener approach	2015	Journal of Luminescence	165		6	14	10.1016/j.jlumin.2015.04.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929119538&doi=10.1016%2Fj.jlumin.2015.04.006&partnerID=40&md5=30a55504feae826e7663a0b582731dda
M.J., Deka, Manash Jyoti; U., Baruah, Upama; D., Chowdhury, Devasish	Insight into electrical conductivity of graphene and functionalized graphene: Role of lateral dimension of graphene sheet	2015	Materials Chemistry and Physics	163		236	244	10.1016/j.matchemphys.2015.07.036	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940461491&doi=10.1016%2Fj.matchemphys.2015.07.036&partnerID=40&md5=71ac78007a972410081137bf2ce9f0f1
P., Dutta, Priyanka; B., Kalita, Bandita; B., Gogoi, Bedanta; N.S., Sarma, Neelotpal Sen	Development of Macroporous co -Polyesters of Glyceryl Methacrylate with Acrylonitrile and Styrene for Electrical Sensing of Ammonia Vapor	2015	Journal of Physical Chemistry C	119	30	17260	17270	10.1021/acs.jpcc.5b05289	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938254054&doi=10.1021%2Facs.jpcc.5b05289&partnerID=40&md5=8d10611df56f3111326ccbe76e68113a
B., Gogoi, Bedanta; A.G., Raj, Abhijeet G.; M.M., Alrefaai, Mhd Maher; S., Stephen, Samuel; A., Tharalekshmy, Anjana; V., Pillai, Vinu; S., Bojanampati, Shrinivas	Effects of 2,5-dimethylfuran addition to diesel on soot nanostructures and reactivity	2015	Fuel	159		766	775	10.1016/j.fuel.2015.07.038	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937916548&doi=10.1016%2Fj.fuel.2015.07.038&partnerID=40&md5=f81221dddc4531d7a2ff01b313085aa9
P., Dutta, Priyanka; P., Saikia, Porimita; S., Hoque, Samiul; N., Nath Dass, Narendra; N.S., Sarma, Neelotpal Sen	Synthesis of Novel Liquid Crystalline Polyesters of Cholesterol: Thermal, Electrical Conductivity and Dielectric Properties	2015	Molecular Crystals and Liquid Crystals	616	1	112	122	10.1080/15421406.2014.990681	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942342652&doi=10.1080%2F15421406.2014.990681&partnerID=40&md5=6d122b7173cd88dfd0fbbf7c4b086791
M., Pathak, Mihirjyoti; A., Devi, Arundhuti; K.G., Bhattacharyya, Krishna G.; H.K., Sarma, Hridip Kumar; S., Subudhi, Sanjukta; B., Lal, Banwari	Production of a non-cytotoxic bioflocculant by a bacterium utilizing a petroleum hydrocarbon source and its application in heavy metal removal	2015	RSC Advances	5	81	66037	66046	10.1039/c5ra08636a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938777905&doi=10.1039%2Fcr5ra08636a&partnerID=40&md5=6aa34fc718f9410df3d3df46576b5ff9
A.N., Dev, Apul Narayan; M.K., Deka, Manoj Kr; J.K., Sarma, Jnanjyoti K.; N.C., Adhikary, Nirab Chandra	Shock wave solution in a hot adiabatic dusty plasma having negative and positive non-thermal ions with trapped electrons	2015	Journal of the Korean Physical Society	67	2	339	345	10.3938/jkps.67.339	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938591822&doi=10.3938%2Fjkps.67.339&partnerID=40&md5=b9ebbdd58bc1c2cc75c9011b2b2705f2

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S., Goyari, Sailendra; S.H., Devi, Sruchi H.; B., Louis, Bengyella; M.R., Khan, Mojibur Rohman; C.K., Sharma, Chandradev K.; M.C., Kalita, Mohan Chandra; N.C., Talukdar, Narayan Chandra	Unveiling the optimal parameters for cellulolytic characteristics of Talaromyces verruculosus SGMNPF3 and its secretory enzymes	2015	Journal of Applied Microbiology	119	1	88	98	10.1111/jam.12816	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84931565107&doi=10.1111%2Fjam.12816&partnerID=40&md5=efa5f28f52e16d37ec9b2969d8f5ba7f
J.K., Bal, Jayanta Kumar; S., Kundu, Sarathi	Molecular packing of metal-organic langmuir-blodgett films on differently passivated si(001) surfaces	2015	Journal of Nanoscience and Nanotechnology	15	7	5280	5284	10.1166/jnn.2015.9852	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920644611&doi=10.1166%2Fjnn.2015.9852&partnerID=40&md5=89e6c1a5de4fbc37ddefc15965bf381d
B.K., Nath, Bhabesh Kumar; A., Khan, Aziz; J., Chutia, Joyanti	Composite plasma polymerized sulfonated polystyrene membrane for PEMFC	2015	Materials Research Bulletin	70		887	895	10.1016/j.materresbull.2015.06.028	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933512890&doi=10.1016%2Fj.materresbull.2015.06.028&partnerID=40&md5=722aecc55c541134a078f4fd41f5c44
S., Chabungbam, Satyananda; M.B., Sahariah, Munima Bora	Correlation between phonon anomaly along [211] and the Fermi surface nesting features with associated electron-phonon interactions in Ni2FeGa: A first principles study	2015	Journal of Alloys and Compounds	647		70	74	10.1016/j.jallcom.2015.06.104	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933073564&doi=10.1016%2Fj.jallcom.2015.06.104&partnerID=40&md5=54f406644a9467268f00e978e28d1715
B.C., Tripathy, Binod Chandra; R., Dey, Rinku; N.R., Das, Nanda Ram	Ordered vector valued statistically convergent sequence space	2015	Afrika Matematika	26	04 Mar	433	441	10.1007/s13370-013-0213-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929157050&doi=10.1007%2Fs13370-013-0213-z&partnerID=40&md5=15ff73f84866db82c32dc44ba59846bb
M., Baro, Mahananda; A.R., Pal, Arup R.	One-step grown multi-walled carbon nanotubes with Ni filling and decoration	2015	Journal of Physics D: Applied Physics	48	22			10.1088/0022-3727/48/22/225303	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936129425&doi=10.1088%2F0022-3727%2F48%2F22%2F225303&partnerID=40&md5=cc2cf1d852847903a4f7aaca2b963343
B., Gogoi, Bedanta; N.S., Sarma, Neelotpal Sen	Curcumin-cysteine and curcumin-tryptophan conjugate as fluorescence turn on sensors for picric acid in aqueous media	2015	ACS Applied Materials and Interfaces	7	21	11195	11202	10.1021/acsami.5b01102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930622733&doi=10.1021%2Facsami.5b01102&partnerID=40&md5=331a6df9427a54602b5e47fc49d28f68
A., Gogoi, Anna; N.S., Sarma, Neelotpal Sen	Improvement in ionic conductivities of poly-(2-vinylpyridine) by treatment with crotonic acid and vinyl acetic acid	2015	Bulletin of Materials Science	38	3	797	803	10.1007/s12034-015-0910-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945288927&doi=10.1007%2Fs12034-015-0910-3&partnerID=40&md5=d2eed87f91b3c60879ad41cfbd767d7d
J., Kotoky, Jibon; K.K., Sharma, Kaustav Kalyan; M., Deori, Meetali; T., Mudoi, Tiluttama; R. Devi	Antioxidant potential and polyphenol content of ten medicinal plants from North Eastern region of India	2015	Indian Journal of Agricultural Biochemistry	28	1	84	86		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937239127&partnerID=40&md5=67ffda904d032223e831aeef368e6093

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J., Lahkar, Jiumoni; S.N., Borah, Siddhartha Narayan; S., Deka, Suresh; A., Giasuddin, Ahmed	Biosurfactant of <i>Pseudomonas aeruginosa</i> JS29 against <i>Alternaria solani</i> : the causal organism of early blight of tomato	2015	BioControl	60	3	401	411	10.1007/s10526-015-9650-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929088800&doi=10.1007%2Fs10526-015-9650-y&partnerID=40&md5=fdb8488c480405ab0cff9178fa3a9003
M.K., Das, M. K.; S., Bordoloi, Sabitry	Length-weight relationship and reproductive parameters of <i>Botia dario</i> (Hamilton, 1822) in Assam, India	2015	Journal of Applied Ichthyology	31	3	571	573	10.1111/jai.12745	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928336995&doi=10.1111%2Fjai.12745&partnerID=40&md5=5359dc37d9cce41320099eb325345666
P., Borgohain, Parijat; M.B., Sahariah, Munima Bora	Effect of compositional and antisite disorder on the electronic and magnetic properties of Ni-Mn-In Heusler alloy	2015	Journal of Physics Condensed Matter	27	17			10.1088/0953-8984/27/17/175502	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928138153&doi=10.1088%2F0953-8984%2F27%2F17%2F175502&partnerID=40&md5=752879d16ad00910104b905644d11274
S., Walter, Stephanie; A., Kahla, Amal; C., Arunachalam, Chanemougasoundharam; A., Pérochon, Alexandre; M.R., Khan, Mojibur Rohman; S.R., Scofield, Steven R.; F.M., Doohan, Fiona M.	A wheat ABC transporter contributes to both grain formation and mycotoxin tolerance	2015	Journal of Experimental Botany	66	9	2583	2593	10.1093/jxb/erv048	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929359409&doi=10.1093%2Fjxb%2Ferv048&partnerID=40&md5=3317b9450571245d349996ca27254bf6
R., Elancheran, Ramakrishnan; V.L., Maruthanila, V. Lenin; M., Ramanathan, Muthiah; S., Kabilan, Senthamaraikannan; R. Devi, A.B., Kunnumakkara, Ajaikumar B.; J., Kotoky, Jibon	Recent discoveries and developments of androgen receptor based therapy for prostate cancer	2015	MedChemComm	6	5	746	768	10.1039/c4md00416g	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929326259&doi=10.1039%2Fc4md00416g&partnerID=40&md5=f6a23f64577c6241b5d5f25cd5617aaa
P., Dutta, Priyanka; N., Dass, Narendranath; N.S., Sarma, Neelotpal Sen	Stimuli responsive carbon nanocomposite hydrogels with efficient conducting properties as a precursor to bioelectronics	2015	Reactive and Functional Polymers	90			25	10.1016/j.reactfunctpolym.2015.03.009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926611114&doi=10.1016%2Fj.reactfunctpolym.2015.03.009&partnerID=40&md5=33e14d51e8a9c48e500e39e00d695c0c
S.K., Parida, Saroj K.; S., Sahu, Sridhar; S., Sharma, S.	A density functional study on interaction of first-row transition-metal dicarbides, C ₂ X (X = Sc-Zn) with O ₂	2015	Chemical Physics Letters	626		1	5	10.1016/j.cplett.2015.03.005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925362062&doi=10.1016%2Fj.cplett.2015.03.005&partnerID=40&md5=a12d8eaac7a26237681fc3a0b99fb834
S., Kalita, Sanjeeb; B., Devi, Banasmita; R., Kandimalla, Raghuram; K.K., Sharma, Kaustav Kalyan; A., Sharma, Arup; K., Kalita, Kasturi; A.C., Katak, Amal Chandra; J., Kotoky, Jibon	Chloramphenicol encapsulated in poly-ε-caprolactone-pluronic composite: Nanoparticles for treatment of MRSA-infected burn wounds	2015	International Journal of Nanomedicine	10		2971	2984	10.2147/IJN.S75023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928150437&doi=10.2147%2FIJN.S75023&partnerID=40&md5=0e1083b3e4e4cb75195fbc0a10238487
N., Rajbongshi, Nijara; L.B., Mahanta, Lipi B.; D.C., Nath, Dilip C.; J.D., Sarma, Jagannath Dev	A matched case control study of risk indicators of breast cancer in assam, India	2015	Mymensingh medical journal : MMJ	24	2	385	391		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026269522&partnerID=40&md5=7d3b2b9e23cde2db802682b67441677b

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G., Kaushik, Gitartha; M.K., Das, M. K.; J.F., Hussain, Jafrin Farha; S., Bordoloi, Sabitry	Length-weight relationships of five fish species collected from Ranganadi River (Brahmaputra River tributary) in Assam, India	2015	Journal of Applied Ichthyology	31	2	433	434	10.1111/jai.12691	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924241436&doi=10.1111%2Fjai.12691&partnerID=40&md5=d50fccbc7ecaa6e87f55370d86636e6f
U., Baruah, Upama; N., Gogoi, Neelam; G., Majumdar, Gitanjali; D., Chowdhury, Devasish	β -Cyclodextrin and calix[4]arene-25,26,27,28-tetrol capped carbon dots for selective and sensitive detection of fluoride	2015	Carbohydrate Polymers	117		377	383	10.1016/j.carbpol.2014.09.083	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908428338&doi=10.1016%2Fj.carbpol.2014.09.083&partnerID=40&md5=5c12318e2e636e8203595f6b59c24365
K., Das, Kaushik; S., Kundu, Sarathi	Adsorption and conformation variation of BSA protein with the size variation of the metallic nanoparticles in LB film	2015	Colloids and Surfaces A: Physicochemical and Engineering Aspects	468		56	61	10.1016/j.colsurfa.2014.12.007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919933414&doi=10.1016%2Fj.colsurfa.2014.12.007&partnerID=40&md5=05a456acd5e163766a72a8f1fc6ee4eb
S., Jothivel, Sarangan; J., Kotoky, Jibon; S., Kabilan, Senthamaikannan; H.M., Stoeckli-Evans, Helen Margaret	Crystal structure of 1-(2-chloroacetyl)- 3,3-dimethyl-2,6-di-p-tolylpiperidin-4-one	2015	Acta Crystallographica Section E: Structure Reports Online	71	3	o173	o174	10.1107/S2056989015002613	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928105143&doi=10.1107%2FS2056989015002613&partnerID=40&md5=f63538df3b422df749f70d5268959ad9
K.N., Patowary, Kaustuvmani N.; R.R., Saikia, Rashmi Rekha; M.C., Kalita, Mohan Chandra; S., Deka, Suresh	Degradation of polyaromatic hydrocarbons employing biosurfactant-producing <i>Bacillus pumilus</i> KS2	2015	Annals of Microbiology	65	1	225	234	10.1007/s13213-014-0854-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896413561&doi=10.1007%2Fs13213-014-0854-7&partnerID=40&md5=02d8c22fd96ca92abfd1678ae328a5e8
Y.B., Chaudhari, Yogesh Babasaheb; N.C., Talukdar, Narayan Chandra; N.C., Adhikary, Nirab Chandra; M.C., Kalita, Mohan Chandra; M.R., Khan, Mojibur Rohman	Rice straw based evaluation of lignolytic and cellulolytic capabilities of novel strains of saprophytic fungi from indo-burma biodiversity hotspot	2015	Energy and Fuels	29	2	784	792	10.1021/ef502119r	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923289413&doi=10.1021%2Fef502119r&partnerID=40&md5=95ae6394d1bd4e26186c4afe1442794e
S., Kundu, Sarathi; S., Mehan, Sumit; V.K., Aswal, Vinod Kumar; P., Callow, Philip	Studies on interactions among lysozyme proteins in solution: Effects of concentration, pH, temperature and monovalent ions	2015	Chemical Physics Letters	622		23	27	10.1016/j.cplett.2015.01.022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921479444&doi=10.1016%2Fj.cplett.2015.01.022&partnerID=40&md5=053358105f9bd58e00b92ce7b6ea6ab6
N., Gogoi, Neelam; M., Barooah, Mayuri; G., Majumdar, Gitanjali; D., Chowdhury, Devasish	Carbon dots rooted agarose hydrogel hybrid platform for optical detection and separation of heavy metal ions	2015	ACS Applied Materials and Interfaces	7	5	3058	3067	10.1021/am506558d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922778532&doi=10.1021%2Fam506558d&partnerID=40&md5=5dfbc8d36e21d3c1e65e928fbb6642b9
T., Barman, Tapan; A.R., Pal, Arup R.	Plasmonic photosensitization of polyaniline prepared by a novel process for high-performance flexible photodetector	2015	ACS Applied Materials and Interfaces	7	4	2166	2170	10.1021/am507821f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922458251&doi=10.1021%2Fam507821f&partnerID=40&md5=f3c2338e2f083f0db169fa151fb40e68

A., Konwar, Achyut; N., Gogoi, Neelam; G., Majumdar, Gitanjali; D., Chowdhury, Devasish	Green chitosan-carbon dots nanocomposite hydrogel film with superior properties	2015	Carbohydrate Polymers	115		238	245	10.1016/j.carbpol.2014.08.021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907097050&doi=10.1016%2Fj.carbpol.2014.08.021&partnerID=40&md5=97cb6e1e554b854baad5ee1b11e626e5
L.N., Humtsoe, L. Nzano; S., Bordoloi, Sabitry	Length–weight relationships and reproductive parameters of Amblyceps Apangi Nath and Dey, 1989 from Nagaland, India	2015	Journal of Applied Ichthyology	31	6	1158	1160	10.1111/jai.12827	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083940778&doi=10.1111%2Fjai.12827&partnerID=40&md5=14b3287f138ca8440a7b64a2cad0e7e9
G., Kaushik, Gitartha; S., Bordoloi, Sabitry	Length–weight and length–length relationships of four species of genus pethia and genus puntius from wetlands of Lakhimpur district, Assam, India	2015	Journal of Applied Ichthyology	31	6	1150	1152	10.1111/jai.12841	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083940683&doi=10.1111%2Fjai.12841&partnerID=40&md5=65ddb6df5e2f888458a3418282e15e8f
P., Kalita, Pankaj; M., Barthakur, Manash; N., Gogoi, Neelam; D., Chowdhury, Devasish	Protecting role of aump conjugated insulin on piamater and granular region of mice brain damaged by PTZ induced seizure	2015	International Journal of Pharma and Bio Sciences	6	2	P271	P278		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082343693&partnerID=40&md5=992479d6a067cbbc03ee63759fd36303
G., Choudhury, Gautam; M., Deka, Mitali	A batch arrival unreliable Bernoulli vacation model with two phases of service and general retrial times	2015	International Journal of Mathematics in Operational Research	7	3	318	347	10.1504/IJMOR.2015.069151	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84998706894&doi=10.1504%2FIJMOR.2015.069151&partnerID=40&md5=f7c23115929c4ba97107e80b859c3ce6
B.C., Tripathy, Binod Chandra; R., Das, Rituparna	Spectrum and Fine Spectrum of the Lower Triangular Matrix B(r,0, s) over the Sequence Space cs	2015	Applied Mathematics and Information Sciences	9	4	2139	2145	10.12785/amis/090453	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976632826&doi=10.12785%2Famis%2F090453&partnerID=40&md5=353cfff8a08b186d6924eb5f99beefa4
J., Dutta, Jintu; S., Gupta, Sushmita; D., Thakur, Debajit; P.J., Handique, Pratap Jyoti	First report of nigrospora leaf blight on tea caused by nigrospora sphaerica in india	2015	Plant Disease	99	3	417		10.1094/PDIS-05-14-0545-PDN	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969834513&doi=10.1094%2FPDIS-05-14-0545-PDN&partnerID=40&md5=7a28a05b1403dfd5926ad2abb6106895
A., Khan, Aziz; B.K., Nath, Bhabesh Kumar; J., Chutia, Joyanti	Conical nano-structure arrays of Platinum cathode catalyst for enhanced cell performance in PEMFC (proton exchange membrane fuel cell)	2015	Energy	90		1769	1774	10.1016/j.energy.2015.07.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954401514&doi=10.1016%2Fj.energy.2015.07.002&partnerID=40&md5=c4f844e98dc6dd9add11309e203bf91d
B.C., Tripathy, Binod Chandra; M., Sen, Mausumi	On lacunary strongly almost convergent double sequences of fuzzy numbers	2015	Annals of the University of Craiova, Mathematics and Computer Science Series	42	2	254	259		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953373252&partnerID=40&md5=7df68d36bf3ca7be34b85b94c2c06bfc
G., Kaushik, Gitartha; S., Bordoloi, Sabitry	Adaptive modifications in lip and barbel of an endangered catfish Amblyceps arunchalensis Nath & Dey, 1989	2015	Current Science	109	9	1554	1556		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951930949&partnerID=40&md5=889b9bdf78e314a1735f736779580b48

J., Dutta, Jintu; P.J., Handique, Pratap Jyoti; D., Thakur, Debajit	Assessment of culturable tea rhizobacteria isolated from tea estates of Assam, India for growth promotion in commercial tea cultivars	2015	Frontiers in Microbiology	6	NOV				10.3389/fmicb.2015.01252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949784403&doi=10.3389%2Ffmicb.2015.01252&partnerID=40&md5=2b9f906d1a2a1c3682dc7c958730fcdcf
G., Choudhury, Gautam; M., Deka, Mitali	An M/G/1 unreliable server queue with two phases of service and Bernoulli vacation schedule under randomised vacation policy	2015	International Journal of Applied Management Science	7		4	309	337	10.1504/IJAMS.2015.073198	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948771750&doi=10.1504%2FIJAMS.2015.073198&partnerID=40&md5=57025b979ccc3b8ba77037fafa918949
B.C., Tripathy, Binod Chandra; A.J., Dutta, Amar Jyoti	Lacunary I-convergent sequences of fuzzy real numbers	2015	Proyecciones	34		3	205	218	10.4067/s0716-09172015000300001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946038581&doi=10.4067%2Fs0716-09172015000300001&partnerID=40&md5=e569a2ed3d7681268f4760bb22aad7c9
C., Kuo, Chingchang; J., Ke, Jauchuan; G., Choudhury, Gautam	Optimal NT policies for a two-phase service M/G/1 system with Bernoulli vacation schedule	2015	Quality Technology and Quantitative Management	12		3	341	351	10.1080/16843703.2015.11673385	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943609091&doi=10.1080%2F16843703.2015.11673385&partnerID=40&md5=51805339835fc60df7d3256d66accf1
A., Kumar, Anil; H., Chetia, Hasnahana; S., Sharma, Swagata; D., Kabiraj, Debajyoti; N.C., Talukdar, Narayan Chandra; U., Bora, Utpal	Curcumin Resource Database	2015	Database : the journal of biological databases and curation	2015					10.1093/database/bav070	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943192621&doi=10.1093%2Fdatabase%2Fbav070&partnerID=40&md5=fd4ae05d6926b8dfa24e793639ca0d9d
A., Konwar, Achyut; D., Chowdhury, Devasish	Property relationship of alginate and alginate-carbon dot nanocomposites with bivalent and trivalent cross-linker ions	2015	RSC Advances	5		77	62864	62870	10.1039/c5ra09887d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938154180&doi=10.1039%2Fc5ra09887d&partnerID=40&md5=64a595d2fcf1e177a7c60ee428006d09
K.N., Patowary, Kaustuvmani N.; M.C., Kalita, Mohan Chandra; S., Deka, Suresh	Degradation of polycyclic aromatic hydrocarbons (PAHs) employing biosurfactant producing <i>Pseudomonas aeruginosa</i> KS3	2015	Indian Journal of Biotechnology	14		2	208	215		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938098698&partnerID=40&md5=ff914642bab7c3472a5ae4f1cb169713
B., Louis, Bengiyella; S.D., Waikhom, Sayanika Devi; R.C., Jose, Robinson C.; S., Goyari, Sailendra; N.C., Talukdar, Narayan Chandra; P., Roy, Pranab	<i>Cochliobolus lunatus</i> colonizes potato by adopting different invasion strategies on cultivars: New insights on temperature dependent-virulence	2015	Microbial Pathogenesis	87			30	39	10.1016/j.micpath.2015.07.014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938085875&doi=10.1016%2Fj.micpath.2015.07.014&partnerID=40&md5=a5a6a007aaca21f2f89a5fddde497b03f
A.D., Khwairakpam, Amrita Devi; M.S., Shyamananda, Mayengbam Singh; B.L., Sailo, Bethsebie Lalduhsaki; S.R., Rathnakaram, Sivakumar Raju; G., Padmavathi, Ganesan; J., Kotoky, Jibon; A.B., Kunnumakkara, Ajaikumar B.	ATP Citrate Lyase (ACL _Y): A promising target for cancer prevention and treatment	2015	Current Drug Targets	16		2	156	163	10.2174/1389450115666141224125117	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937032716&doi=10.2174%2F1389450115666141224125117&partnerID=40&md5=7228299c50dfd55b28483f782e76213f
B.C., Tripathy, Binod Chandra; R., Das, Rituparna	Spectrum and fine spectrum of the upper triangular matrix U (r, s) over the sequence space $\mathbb{C}^s$	2015	Proyecciones	34		2	107	125	10.4067/s0716-09172015000200001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930588448&doi=10.4067%2Fs0716-09172015000200001&partnerID=40&md5=9d6f8772903b3ffde379f1315a3ed5ea
N.C., Talukdar, Narayan Chandra	Institute of Advanced Study in Science and Technology, Guwahati	2015	Current Science	108		8	1434	1437		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929095098&partnerID=40&md5=2e37892de749c13417d85219f472c802

M., Baro, Mahananda; A.R., Pal, Arup R.	Pulsed Plasma Assisted Growth of Vertically Aligned Carbon Nanotubes at Low Temperature on Mo Substrate	2015	Plasma Chemistry and Plasma Processing	35	1	247	257	10.1007/s11090-014-9591-8&partnerID=40&md5=0600fa2f2224180f94bbc36c44118265
N., Bhardwaj, Nandana; D., Devi, Dipali; B.B., Mandal, Biman B.	Tissue-engineered cartilage: The crossroads of biomaterials, cells and stimulating factors	2015	Macromolecular Bioscience	15	2	153	182	10.1002/mabi.201400335&partnerID=40&md5=525b22044b6aee4a0a0042b6c6e43dcf
S., Acharjee, Santanu	Fixed point theorem in structure fuzzy metric space	2015	International Journal of Pure and Applied Mathematics	99	3	367	371	10.12732/ijpam.v99i3.11&partnerID=40&md5=b3eec19c3e46d0be78a6b479f8e39986
B.C., Tripathy, Binod Chandra; S., Debnath, Shyamal	On fuzzy B-Locally open sets in bitopological spaces	2015	Songklanakarin Journal of Science and Technology	37	1	93	96	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923675560&partnerID=40&md5=80f2203bd85bd8f45cf619aa53c1753e
B.C., Tripathy, Binod Chandra; S., Paul, Sudipta; N.R., Das, Nanda Ram	Fixed point and periodic point theorems in fuzzy metric space	2015	Songklanakarin Journal of Science and Technology	37	1	89	92	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923666927&partnerID=40&md5=c9146e769a6fbdf49802e33f80b5e907
T., Mudoi, Tiluttama; D.C., Deka, Dibakar Chandra; R. Devi	Determination of macro and trace element contents of some indigenous fruits of North Eastern region of India	2015	Asian Journal of Chemistry	27	1	169	172	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922121085&doi=10.14233%2Fajchem.2015.16833&partnerID=40&md5=6d3d92210f0146c39e97cb1c1a2fc89e
S., Sen, Supriyo; N.C., Talukdar, Narayan Chandra; M.R., Khan, Mojibur Rohman	A simple metabolite profiling approach reveals critical biomolecular linkages in fragrant agarwood oil production from Aquilaria malaccensis - A traditional agro-based industry in North East India	2015	Current Science	108	1	63	71	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920885344&partnerID=40&md5=a24eb40f3be22e1d48da901d8e810a9d
N., Bhardwaj, Nandana; W.T., Sow, Wan Ting; D., Devi, Dipali; K.W., Ng, Kee Woei; B.B., Mandal, Biman B.; N., Cho, Namjoon	Silk fibroin-keratin based 3D scaffolds as a dermal substitute for skin tissue engineering	2015	Integrative Biology	7	1	53	63	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919754150&doi=10.1039%2Fc4ib00208c&partnerID=40&md5=c22d20cbb1a9074c1282f71c9975ec19
N., Bhardwaj, Nandana; W., Ting Sow, Wan; D., Devi, Dipali; K.W., Ng, Kee Woei; B.B., Mandal, Biman B.; N., Cho, Namjoon	Erratum: Silk fibroin-keratin based 3D scaffolds as a dermal substitute for skin tissue engineering (Integrative Biology (United Kingdom) (2015) DOI: 10.1039/c4ib00208c)	2015	Integrative Biology	7	1	142		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919718905&doi=10.1039%2Fc4ib90045f&partnerID=40&md5=a619fba989ea6166bf6c94bcb500cf8c
B.C., Tripathy, Binod Chandra; R., Goswami, Rupanjali	Vector valued multiple sequence spaces defined by Orlicz function	2015	Boletim da Sociedade Paranaense de Matematica	33	1	67	79	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907292162&doi=10.5269%2Fbspm.v33i1.21602&partnerID=40&md5=7ab19889321b0a17dcc8fd4859baeec5
A.N., Dev, Apul Narayan; J.K., Sarma, Jnanjyoti K.; M.K., Deka, Manoj Kr; A.P., Misra, Amar Prasad; N.C., Adhikary, Nirab Chandra	Kadomtsev-Petviashvili (KP) burgers equation in dusty negative ion plasmas: Evolution of dust-ion acoustic shocks	2014	Communications in Theoretical Physics	62	6	875	880	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918526775&doi=10.1088%2F0253-6102%2F62%2F6%2F16&partnerID=40&md5=09ed38599778cc65b67c6a2ef1765bb0

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S., Chakravarty, Sudesna; D., Saikia, Dilip; P.R., Sharma, Priyanka R.; N., Chandra Adhikary, Nirab; D., Thakur, Debajit; N.S., Sarma, Neelotpal Sen	Sensitive impedimetric biosensor based on duplex-like DNA scaffolds and ordered mesoporous carbon nitride for silver(I) ion detection	2014	Analyst	139	24	6502	6510	10.1039/c4an01611d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910116668&doi=10.1039%2Fc4an01611d&partnerID=40&md5=8fae0d573fb53c9bc2e9f64af12015bd
A., Khan, Aziz; B.K., Nath, Bhabesh Kumar; J., Chutia, Joyanti	Nanopillar structured Platinum with enhanced catalytic utilization for electrochemical reactions in PEMFC	2014	Electrochimica Acta	146		171	177	10.1016/j.electacta.2014.08.116	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907932164&doi=10.1016%2Fj.electacta.2014.08.116&partnerID=40&md5=6f6bde93df660818ed188c9f53c0f05c
D.C., Boruah, Dulal Chandra; R. Devi, S.M., Tamuli, Sarojini Mahanta; J., Kotoky, Jibon; D.K., Sharma, Dharendra Kumar	Hypolipidemic activity of crude polyphenols from the leaves of Clerodendron colebrookianum Walp in cholesterol fed rats	2014	Journal of Food Science and Technology	51	11	3333	3340	10.1007/s13197-012-0875-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894633098&doi=10.1007%2Fs13197-012-0875-9&partnerID=40&md5=1bf245148833d1489396764ef651d835
S., Jothivel, Sarangan; J., Kotoky, Jibon; S., Kabilan, Senthamaikannan	Crystal structure of 1-(2-chloroacetyl)-2,6-bis(4-fluorophenyl)-3,3-dimethylpiperidin-4-one	2014	Acta Crystallographica Section E: Structure Reports Online	70	10	262	264	10.1107/S1600536814021278	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907884932&doi=10.1107%2FS1600536814021278&partnerID=40&md5=a4508416a43421e104451c1c6d2916b3
D., Gogoi, Dolly; T., Barman, Tapan; B., Choudhury, Bula; M.R., Khan, Mojibur Rohman; Y.B., Chaudhari, Yogesh Babasaheb; M., Dehingia, Madhusmita; A.R., Pal, Arup R.; H., Bailung, Heremba; J., Chutia, Joyanti	Immobilization of trypsin on plasma prepared Ag/PPAni nanocomposite film for efficient digestion of protein	2014	Materials Science and Engineering C	43		237	242	10.1016/j.msec.2014.07.025	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904883944&doi=10.1016%2Fj.msec.2014.07.025&partnerID=40&md5=a90ce6e56bd86be3390325ebb363a5d1
T., Barman, Tapan; A.R., Pal, Arup R.; J., Chutia, Joyanti	Comparative study of structural and optical properties of pulsed and RF plasma polymerized aniline films	2014	Applied Surface Science	313		286	292	10.1016/j.apsusc.2014.05.205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904812157&doi=10.1016%2Fj.apsusc.2014.05.205&partnerID=40&md5=12893b3b59e64ae29cacb8fe85476edf
K., Das, Kaushik; S., Kundu, Sarathi; S., Mehan, Sumit; V.K., Aswal, Vinod Kumar	Modification of interactions among proteins with the lowering of solution pD toward the isoelectric point in presence of different valent ions	2014	Chemical Physics Letters	610-611		405	410	10.1016/j.cplett.2014.07.032	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906344899&doi=10.1016%2Fj.cplett.2014.07.032&partnerID=40&md5=72c41f4693e26cc0e582a74895536f8
S.S., Ali, Shahin S.; L.R., Gunupuru, Lokanadha Rao; G.B.S., Kumar, Gujulla B.Sunil; M.R., Khan, Mojibur Rohman; S.R., Scofield, Steven R.; P., Nicholson, Paul; F.M., Doohan, Fiona M.	Plant disease resistance is augmented in uzu barley lines modified in the brassinosteroid receptor BRI1	2014	BMC Plant Biology	14	1			10.1186/s12870-014-0227-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908150495&doi=10.1186%2Fs12870-014-0227-1&partnerID=40&md5=9899bf565f22523ef1e01104875b00cb
K., Das, Kaushik; S., Kundu, Sarathi	Variation in surface plasmonic response due to the reorganization of Au nanoparticles in Langmuir-Blodgett film	2014	Journal of Applied Physics	116	2			10.1063/1.4890034	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904368100&doi=10.1063%2F1.4890034&partnerID=40&md5=f724e805a80bcd0602b97e4d66ea6648

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B., Basumatary, Budhadev; R., Saikia, Rubul; S., Bordoloi, Sabitry; H.P., Sarma, Hari Prasad	Phytoremediation of petroleum hydrocarbon (PHC) contaminated soil by Using Mimosa pudica L.	2014	Indian Journal of Environmental Health	56	3	327	332		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956587902&partnerID=40&md5=4e0bacbd8b7691bccf7ba50ae49ea60d
A.A., Hussain, Amreen Ara; A.R., Pal, Arup R.; D.S., Patil, Dinkar S.	An efficient fast response and high-gain solar-blind flexible ultraviolet photodetector employing hybrid geometry	2014	Applied Physics Letters	104	19			10.1063/1.4876450	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900848460&doi=10.1063%2F1.4876450&partnerID=40&md5=cf2f2b5e4cbdf4be3c7ca451322e03dd
S., Hoque, Samiul; N., Dass, Narendranath; K.G., Bhattacharyya, Krishna G.; N.S., Sarma, Neelotpal Sen	Synthesis of sulfonated cholesterol derivatives - Electrical, thermal, and optical properties	2014	Molecular Crystals and Liquid Crystals	592	1	149	162	10.1080/15421406.2013.813.858011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899520277&doi=10.1080%2F15421406.2013.813.858011&partnerID=40&md5=fb7fc917e97b51470f2f0192e7c846d3
S.S., Ali, Shahin S.; M.R., Khan, Mojibur Rohman; E.D., Mullins, Ewen D.; F.M., Doohan, Fiona M.	Identification of Fusarium oxysporum Genes Associated with Lignocellulose Bioconversion Competency	2014	Bioenergy Research	7	1	110	119	10.1007/s12155-013-9353-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896708004&doi=10.1007%2Fs12155-013-9353-0&partnerID=40&md5=d40662d0c6fff157e228e01ec0475071
M., Deori, Meetali; D.C., Boruah, Dulal Chandra; D., Devi, Dipali; R. Devi	Antioxidant and antigenotoxic effects of pupae of the muga silkworm <i>Antheraea assamensis</i>	2014	Food Bioscience	5		108	114	10.1016/j.fbio.2013.12.001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894610022&doi=10.1016%2Fj.fbio.2013.12.001&partnerID=40&md5=c5a177b2052fbdede95a11c9c1b4d84a
G., Choudhury, Gautam; J., Ke, Jauchuan	An unreliable retrieval queue with delaying repair and general retrieval times under Bernoulli vacation schedule	2014	Applied Mathematics and Computation	230		436	450	10.1016/j.amc.2013.12.108	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892719049&doi=10.1016%2Fj.amc.2013.12.108&partnerID=40&md5=41fea0d3e034cdead64979620c55966d
S.G., Ermilov, Sergey G.; T., Chatterjee, Tapas; M.K., Das, M. K.; S., Bordoloi, Sabitry	Three new species of oribatid mites of the genus <i>Pergalumna</i> (Acari: Oribatida: Galumnidae) from India	2014	Biologia	69	4	489	497	10.2478/s11756-014-0332-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894054663&doi=10.2478%2Fs11756-014-0332-5&partnerID=40&md5=abf16011d0138b1ec030a0b802f75254
B.C., Tripathy, Binod Chandra; N.L., Braha, Naim Latif; A.J., Dutta, Amar Jyoti	A new class of fuzzy sequences related to the ℓ_p space defined by Orlicz function	2014	Journal of Intelligent and Fuzzy Systems	26	3	1273	1278	10.3233/IFS-130813	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893941846&doi=10.3233%2FIFS-130813&partnerID=40&md5=52b69d7157f25485e4dbbaf7a5b3b383
S., Chabungbam, Satyananda; S., Gowtham, Shankara; M.B., Sahariah, Munima Bora	Dynamical instability and Fermi surface topology in Ni ₂ FeGa from first principles	2014	Physical Review B - Condensed Matter and Materials Physics	89	8			10.1103/PhysRevB.89.085114	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894584922&doi=10.1103%2FPhysRevB.89.085114&partnerID=40&md5=99f2dad081743033366335970b86733

S., Kundu, Sarathi; A.J., Chinchalikar, Akshay J.; K., Das, Kaushik; V.K., Aswal, Vinod Kumar; J., Kohlbrecher, Joachim	Mono-, di- and tri-valent ion induced protein gelation: Small-angle neutron scattering study	2014	Chemical Physics Letters	593		140	144	10.1016/j.cplett.2013.12.068	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893063028&doi=10.1016%2Fj.cplett.2013.12.068&partnerID=40&md5=03a82e579ddc62e72ea83900c7349d89
M.K., Das, M. K.; S., Bordoloi, Sabitry	Length-weight relationship and condition factor of leptocephalichthys goalparensis pillai and yazdani, 1976 in Assam, India	2014	Journal of Applied Ichthyology	30	1	246	247	10.1111/jai.12247	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891836610&doi=10.1111%2Fjai.12247&partnerID=40&md5=c671fabeddfb0e65560cc5bb1f582d9e
S.K., Sharma, Sumita K.; A., Boruah, Abhijit; H., Bailung, Heremba	Head-on collision of dust-acoustic solitons in a strongly coupled dusty plasma	2014	Physical Review E - Statistical, Nonlinear, and Soft Matter Physics	89	1			10.1103/PhysRevE.89.013110	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897635893&doi=10.1103%2FPhysRevE.89.013110&partnerID=40&md5=19998abd3699a0c22671c1937fbe6b3
B.C., Tripathy, Binod Chandra; R., Das, Rituparna	Spectra of the rhaly operator on the sequence space $BV_0 \cap \ell^\infty$	2014	Boletim da Sociedade Paranaense de Matematica	32	1	263	275	10.5269/bspm.v32i1.19490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892160922&doi=10.5269%2Fbspm.v32i1.19490&partnerID=40&md5=93972622efd28fe39ec37defd3cdf7
A.A., Hussain, Amreen Ara; A.R., Pal, Arup R.; R., Kar, Rajib; H., Bailung, Heremba; J., Chutia, Joyanti; D.S., Patil, Dinkar S.	Comparative study of nanocomposites prepared by pulsed and dc sputtering combined with plasma polymerization suitable for photovoltaic device applications	2014	Materials Chemistry and Physics	148	3	540	547	10.1016/j.matchemphys.2014.07.035	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027945145&doi=10.1016%2Fj.matchemphys.2014.07.035&partnerID=40&md5=1b1ab6e441f5c59584b15350a17a9311
N.C., Adhikary, Nirab Chandra; M.K., Deka, Manoj Kr; A.N., Dev, Apul Narayan; J., Sarmah, J.	Modified Korteweg-de Vries equation in a negative ion rich hot adiabatic dusty plasma with non-thermal ion and trapped electron	2014	Physics of Plasmas	21	8			10.1063/1.4893150	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938627558&doi=10.1063%2F1.4893150&partnerID=40&md5=f7662b0d9fa1578ffc1e01af8e88690
P.P., Baruah, P. P.; R.R., Saikia, Rashmi Rekha; P.P., Baruah, Partha Pratim; S., Deka, Suresh	Effect of crude oil contamination on the chlorophyll content and morpho-anatomy of <i>Cyperus brevifolius</i> (Rottb.) Hassk	2014	Environmental Science and Pollution Research	21	21	12530	12538	10.1007/s11356-014-3195-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929938723&doi=10.1007%2Fs11356-014-3195-y&partnerID=40&md5=dfc6b64de7871b8e64a2462e80b36bc3
A., Paul, Avinoy; B.C., Tripathy, Binod Chandra	The spectrum of the operator $D(r; 0; 0; s)$ over the sequence spaces l_p and bvp	2014	Haceteppe Journal of Mathematics and Statistics	43	3	425	434		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928263957&partnerID=40&md5=fccb2c5cc5ba2667a1e3b1db453f71ce
M., Et, Mikail; B.C., Tripathy, Binod Chandra; A., Joytidutta, Amar	On pointwise statistical convergence of order α of sequences of fuzzy mappings	2014	Kuwait Journal of Science	41	3	17	30		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908376993&partnerID=40&md5=395cae78e7824b405ec29eba87a0f2ef
M., Baro, Mahananda; A.A., Hussain, Amreen Ara; A.R., Pal, Arup R.	Enhanced light sensing performance of a hybrid device developed using as-grown vertically aligned multiwalled carbon nanotubes on TCO substrates	2014	RSC Advances	4	87	46970	46975	10.1039/c4ra07833k	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907528049&doi=10.1039%2Fc4ra07833k&partnerID=40&md5=a5f4a349b083303c20c55ea457ab2da6
A.J., Dutta, Amar Jyoti; A., Esi, Ayhan; B.C., Tripathy, Binod Chandra	On lacunary p-absolutely summable fuzzy real-valued double sequence space	2014	Demonstratio Mathematica	47	3	652	661	10.2478/dema-2014-0052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907436058&doi=10.2478%2Fdema-2014-0052&partnerID=40&md5=eb5652daca2a71c079cae207ed0db963

U., Baruah, Upama; M.J., Deka, Manash Jyoti; D., Chowdhury, Devasish	Reversible on/off switching of fluorescence via esterification of carbon dots	2014	RSC Advances	4	69	36917	36922	10.1039/c4ra04734f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906659277&doi=10.1039%2Fc4ra04734f&partnerID=40&md5=7ce2313e723d5c2837d08d86ddcef136
A.J., Dutta, Amar Jyoti; B.C., Tripathy, Binod Chandra	Statistically pre-cauchy Fuzzy real-valued sequences defined by Orlicz function	2014	Proyecciones	33	3	235	243	10.4067/S0716-09172014000300001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906513342&doi=10.4067%2FS0716-09172014000300001&partnerID=40&md5=349ac892a769f152d814f6c17a2088e2
B.C., Tripathy, Binod Chandra; S., Acharjee, Santanu	On (γ, δ) -Bitopological semi-closed set via topological ideal	2014	Proyecciones	33	3	245	257	10.4067/S0716-09172014000300002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906492574&doi=10.4067%2FS0716-09172014000300002&partnerID=40&md5=bd0339ecdf847e796b869685de03e79a
B.C., Tripathy, Binod Chandra; D.J., Sarma, Diganta Jyoti	Generalized b-closed sets in ideal bitopological spaces	2014	Proyecciones	33	3	315	324	10.4067/S0716-09172014000300006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906491203&doi=10.4067%2FS0716-09172014000300006&partnerID=40&md5=4fb577be9cff8ec0c4afae92f7afa8cd
B.C., Tripathy, Binod Chandra; M., Sen, Mausumi	Paranormed I-convergent double sequence spaces associated with multiplier sequences	2014	Kyungpook Mathematical Journal	54	2	321	332	10.5666/KMJ.2014.54.2.321	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905168316&doi=10.5666%2FKMJ.2014.54.2.321&partnerID=40&md5=2acd3e59c535ec0ceee395a51f2a60ef
S., Subudhi, Sanjukta; N., Batta, Neha; M., Pathak, Mihirjyoti; V., Bisht, Varsha; A., Devi, Arundhuti; B., Lal, Banwari; B., Al Khulifah, Bader	Bioflocculant production and biosorption of zinc and lead by a novel bacterial species, <i>Achromobacter</i> sp. TERI-IASST N, isolated from oil refinery waste	2014	Chemosphere	113		116	124	10.1016/j.chemosphere.2014.04.050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904675118&doi=10.1016%2Fj.chemosphere.2014.04.050&partnerID=40&md5=e5780e750b7eb18a34bf9c19967a523a
M., Pathak, Mihirjyoti; A., Devi, Arundhuti; H.K., Sarma, Hridip Kumar; B., Lal, Banwari	Application of bioflocculating property of <i>Pseudomonas aeruginosa</i> strain IASST201 in treatment of oil-field formation water	2014	Journal of Basic Microbiology	54	7	658	669	10.1002/jobm.201301011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904096898&doi=10.1002%2Fjobm.201301011&partnerID=40&md5=321e317b8e3f730cf418930d4769d686
M., Agarwala, Munin; T., Barman, Tapan; D., Gogoi, Dolly; B., Choudhury, Bula; A.R., Pal, Arup R.; R.N.S., Yadav, Raj Narain Singh	Highly effective antibiofilm coating of silver-polymer nanocomposite on polymeric medical devices deposited by one step plasma process	2014	Journal of Biomedical Materials Research - Part B Applied Biomaterials	102	6	1223	1235	10.1002/jbm.b.33106	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904064030&doi=10.1002%2Fjbm.b.33106&partnerID=40&md5=deb341cf92f4297d0baeff25aa4828ed
A.A., Hussain, Amreen Ara; A.R., Pal, Arup R.; D.S., Patil, Dinkar S.	High photosensitivity with enhanced photoelectrical contribution in hybrid nanocomposite flexible UV photodetector	2014	Organic Electronics	15	9	2107	2115	10.1016/j.orgel.2014.06.008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903707501&doi=10.1016%2Fj.orgel.2014.06.008&partnerID=40&md5=0a4f5655303d9dcdbf92bd a2e5df58f3
B.C., Tripathy, Binod Chandra; S., Borgohain, Stuti	Sequence spaces of fuzzy real numbers using fuzzy metric	2014	Kyungpook Mathematical Journal	54	1	11	22	10.5666/KMJ.2014.54.1.11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902655400&doi=10.5666%2FKMJ.2014.54.1.11&partnerID=40&md5=475a358e45a08fe9c33d70e7982afeb

B.C., Tripathy, Binod Chandra; R., Goswami, Rupanjali	On triple difference sequences of real numbers in probabilistic normed spaces	2014	Proyecciones	33	2	157	174	10.4067/S0716-09172014000200003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902461441&doi=10.4067%2F0716-09172014000200003&partnerID=40&md5=d7fce34d6c182746ee41f61e049435e2
M., Baro, Mahananda; D., Gogoi, Dolly; A.R., Pal, Arup R.; N.C., Adhikary, Nirab Chandra; H., Bailung, Heremba; J., Chutia, Joyanti	Pulsed PECVD for low-temperature growth of vertically aligned carbon nanotubes	2014	Chemical Vapor Deposition	20	06 Apr	161	169	10.1002/cvde.201307093	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902138433&doi=10.1002%2Fcvde.201307093&partnerID=40&md5=f023ae7037adb4da6265b807655220d0
D., Goswami, Debahuti; P.J., Handique, Pratap Jyoti; S., Deka, Suresh	Rhamnolipid biosurfactant against Fusarium sacchari-the causal organism of pokkah boeng disease of sugarcane	2014	Journal of Basic Microbiology	54	6	548	557	10.1002/jobm.201200801	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901844667&doi=10.1002%2Fjobm.201200801&partnerID=40&md5=e2addf99d59aa6b33ce8b7f4754fb0ef
R.R., Saikia, Rashmi Rekha; H., Deka, Hemen; D., Goswami, Debahuti; J., Lahkar, Jiumoni; S.N., Borah, Siddhartha Narayan; K.N., Patowary, Kaustuvmani N.; P.P., Baruah, P. P.; S., Deka, Suresh	Achieving the best yield in glycolipid Biosurfactant preparation by selecting the proper carbon/nitrogen ratio	2014	Journal of Surfactants and Detergents	17	3	563	571	10.1007/s11743-013-1520-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899947101&doi=10.1007%2Fs11743-013-1520-y&partnerID=40&md5=f47f20649a7a47786a3d13297a07b226
N., Gogoi, Neelam; D., Chowdhury, Devasish	In-Situ and Ex-Situ chitosan-silver nanoparticle composite: Comparison of storage/release and catalytic properties	2014	Journal of Nanoscience and Nanotechnology	14	6	4147	4155	10.1166/jnn.2014.8222	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899754587&doi=10.1166%2Fjnn.2014.8222&partnerID=40&md5=77b597f34c1e93eace8b7383db2fd024
B.C., Tripathy, Binod Chandra; G.C., Ray, Gautam Chandra	Weakly continuous functions on mixed fuzzy topological spaces; Funções contínuas fracas sobre espaços topológicos difusos misturados	2014	Acta Scientiarum - Technology	36	2	331	335	10.4025/actascitechnol.v36i2.16241	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897943000&doi=10.4025%2Factascitechnol.v36i2.16241&partnerID=40&md5=6c88509b068ee20ec609a85ef1a647ef
D., Gogoi, Dolly; A.J., Choudhury, Arup Jyoti; J., Chutia, Joyanti; A.R., Pal, Arup R.; M.R., Khan, Mojibur Rohman; M., Choudhury, Manash; P., Pathak, Pallabi; G., Das, Gouranga; D.S., Patil, Dinkar S.	Development of advanced antimicrobial and sterilized plasma polypropylene grafted MUGA (antheraea assama) silk as suture biomaterial	2014	Biopolymers	101	4	355	365	10.1002/bip.22369	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897704493&doi=10.1002%2Fbip.22369&partnerID=40&md5=143537f796ce8f89c63fdc866100201a
B.C., Tripathy, Binod Chandra; S., Paul, Sudipta; N.R., Das, Nanda Ram	A fixed point theorem in a generalized fuzzy metric space	2014	Boletim da Sociedade Paranaense de Matematica	32	2	221	227	10.5269/bspm.v32i2.20896	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897567047&doi=10.5269%2Fbspm.v32i2.20896&partnerID=40&md5=68ec86ea23bdc2eb84d6b87d1a3a6b12
B.C., Tripathy, Binod Chandra; G.C., Ray, Gautam Chandra	On δ -continuity in mixed fuzzy topological spaces	2014	Boletim da Sociedade Paranaense de Matematica	32	2	175	187	10.5269/bspm.v32i2.20254	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897520224&doi=10.5269%2Fbspm.v32i2.20254&partnerID=40&md5=6cf5f60887340c7b9ae94ed8b30ef40
K.I., Ansari, Khairul I.; S.M., Doyle, Siamsa M.; J., Kacprzyk, Joanna; M.R., Khan, Mojibur Rohman; S., Walter, Stephanie; J.M., Brennan, Josephine M.; C., Arunachalam, Chanemougasoundharam; P.F., McCabe, Paul F.; F.M., Doohan, Fiona M.	Light influences how the fungal toxin deoxynivalenol affects plant cell death and defense responses	2014	Toxins	6	2	679	692	10.3390/toxins6020679	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894613613&doi=10.3390%2Ftoxins6020679&partnerID=40&md5=5938599b9f71a31f8fcc685620bdbc9e

G., Devi, Gitumani; K.G., Bhattacharyya, Krishna G.; L.B., Mahanta, Lipi B.; A., Devi, Arundhuti	Trace metal composition of PM2.5, soil, and <i>Machilus bombycina</i> leaves and the effects on <i>Antheraea assama</i> silk worm rearing in the oil field area of northeastern India	2014	Water, Air, and Soil Pollution	225	3			10.1007/s11270-014-1884-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894028961&doi=10.1007%2Fs11270-014-1884-2&partnerID=40&md5=c973f0ac1b1089002d14b4a80432799c
V.V., Pešić, Vladimir Vukašinović; T., Chatterjee, Tapas; M.K., Das, M. K.; S., Bordoloi, Sabitry	A new species of water mite (Acari, Hydrachnidia) from Assam, India, found in the gut contents of the fish <i>Botia dario</i> (Botiidae)	2013	Zootaxa	3746	3	454	462	10.11646/zootaxa.3746.3.4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890837119&doi=10.11646%2Fzootaxa.3746.3.4&partnerID=40&md5=41a8f0c96d447139d65358785c951b77
R.R., Saikia, Rashmi Rekha; S., Deka, Suresh	Removal of hydrocarbon from refinery tank bottom sludge employing microbial culture	2013	Environmental Science and Pollution Research	20	12	9026	9033	10.1007/s11356-013-1888-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891162030&doi=10.1007%2Fs11356-013-1888-2&partnerID=40&md5=62185b88d3983d4ee2d05ca0e3449ba7
S.S., Ali, Shahin S.; G.B.S., Kumar, Gujulla B.Sunil; M.R., Khan, Mojibur Rohman; F.M., Doohan, Fiona M.	Brassinosteroid enhances resistance to fusarium diseases of barley	2013	Phytopathology	103	12	1260	1267	10.1094/PHYTO-05-13-0111-R	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890912482&doi=10.1094%2FPHYTO-05-13-0111-R&partnerID=40&md5=35086a1e6a3a789a0eb3c4f92369491c
B.C., Tripathy, Binod Chandra; S., Paul, Sudipta; N.R., Das, Nanda Ram	Banach's and Kannan's fixed point results in fuzzy 2-metric spaces	2013	Proyecciones	32	4	359	375	10.4067/S0716-09172013000400005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890155907&doi=10.4067%2FS0716-09172013000400005&partnerID=40&md5=f39189f48d41e5d47006faffec292e6
N., Batta, Neha; S., Subudhi, Sanjukta; B., Lal, Banwari; A., Devi, Arundhuti	Isolation of a lead tolerant novel bacterial species, <i>Achromobacter</i> sp. TL-3: Assessment of biofloculant activity	2013	Indian Journal of Experimental Biology	51	11	1004	1011		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887509588&partnerID=40&md5=6c6b993fc33df1fe13979478b7da4dc9
G.C., Das, Ganesh C.; P., Kalita, Parismita	Dynamical behaviors of size graded dust grains levitated in robust sheath in inhomogeneous plasmas	2013	Astrophysics and Space Science	348	1	123	132	10.1007/s10509-013-1552-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887152712&doi=10.1007%2Fs10509-013-1552-9&partnerID=40&md5=28556969f92d032f4cb39db5f2e720c9
A.P., Misra, Amar Prasad; N.C., Adhikary, Nirab Chandra	Electrostatic solitary waves in dusty pair-ion plasmas	2013	Physics of Plasmas	20	10			10.1063/1.4825353	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887256650&doi=10.1063%2F1.4825353&partnerID=40&md5=f4fe793f6139c8395a9ec7181cfd62c6
S., Hoque, Samiul; N., Dass, Narendranath; K.G., Bhattacharyya, Krishna Gopal; N.S., Sarma, Neelotpal Sen	Synthesis, characterization and conducting properties of sulfonated poly and co-polymer of cholesteryl 4-pentenoate with 1-hexene	2013	Journal of Sulfur Chemistry	34	5	450	457	10.1080/17415993.2012.753602	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885020575&doi=10.1080%2F17415993.2012.753602&partnerID=40&md5=82c60c0c25582453ca818791443b638b
S., Buragohain, Surabhi; D.C., Deka, Dibakar Chandra; A., Devi, Arundhuti	Fenton oxidation and combined Fenton-microbial treatment for remediation of crude oil contaminated soil in Assam-India	2013	Environmental Science: Processes and Impacts	15	10	1913	1920	10.1039/c3em00170a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884804388&doi=10.1039%2Fc3em00170a&partnerID=40&md5=70bae93c63a6ac9026dfe881884b1e99

B., Basumatary, Budhadev; R., Saikia, Rubul; H.C., Das, Hamendra Chandra; S., Bordoloi, Sabitry	Field Note: Phytoremediation of Petroleum Sludge Contaminated Field Using Sedge Species, Cyperus Rotundus (Linn.) and Cyperus Brevifolius (Rottb.) Hassk	2013	International Journal of Phytoremediation	15	9	877	888	10.1080/15226514.2012.760520&partnerID=40&md5=1d97958b3805477da d9cd272c9b96aeb	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874641801&doi=10.1080%2F15226514.2012.760520&partnerID=40&md5=1d97958b3805477da d9cd272c9b96aeb
S., Kundu, Sarathi; A.J., Chinchalikar, Akshay J.; K., Das, Kaushik; V.K., Aswal, Vinod Kumar; J., Kohlbrecher, Joachim	Fe+3 ion induced protein gelation: Small-angle neutron scattering study	2013	Chemical Physics Letters	584		172	176	10.1016/j.cplett.2013.08.056&partnerID=40&md5=4386dcae76db7524cac13 b7bc6539813	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884818273&doi=10.1016%2Fj.cplett.2013.08.056&partnerID=40&md5=4386dcae76db7524cac13 b7bc6539813
S., Kundu, Sarathi; K., Das, Kaushik; O.V., Konovalov, Oleg V.	Prolonged reorganization of thiol-capped Au nanoparticles layered structures	2013	AIP Advances	3	9			10.1063/1.4824010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885582237&doi=10.1063%2F1.4824010&partnerID=40&md5=a14f1f0063914e8237525ac6a7a1a d3e
T., Barman, Tapan; A.R., Pal, Arup R.	Contradictory ageing behaviour and optical property of iodine doped and H2SO4 doped pulsed DC plasma polymerized aniline thin films	2013	Solid State Sciences	24		71	78	10.1016/j.solidstatesciences.2013.06.014&partnerID=40&md5=3e58be3d071 a94878c4d048a145a4804	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881274619&doi=10.1016%2Fj.solidstatesciences.2013.06.014&partnerID=40&md5=3e58be3d071 a94878c4d048a145a4804
A.A., Hussain, Amreen Ara; A.R., Pal, Arup R.; H., Bailung, Heremba; J., Chutia, Joyanti; D.S., Patil, Dinkar S.	Fabrication of a heterostructure device with Au/PPani-TiO2/ITO configuration and study of device parameters including current conduction mechanism	2013	Journal of Physics D: Applied Physics	46	32			10.1088/0022-3727/46/32/325301	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881145685&doi=10.1088%2F0022-3727%2F46%2F32%2F325301&partnerID=40&md5=1c4d7fe19dc9f39a46d475a13c2f78ec
B.C., Tripathy, Binod Chandra; S., Borgohain, Stuti	Statistically convergent difference sequence spaces of fuzzy real numbers defined by orlicz function	2013	Thai Journal of Mathematics	11	2	357	370		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888413150&partnerID=40&md5=08ecc21887ea 885f7517692180fe381f
B.C., Tripathy, Binod Chandra; G.C., Ray, Gautam Chandra	Mixed fuzzy ideal topological spaces	2013	Applied Mathematics and Computation	220		602	607	10.1016/j.amc.2013.05.072&partnerID=40&md5=21213e7e18d20a13efcf880 59e2ee839	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880729780&doi=10.1016%2Fj.amc.2013.05.072&partnerID=40&md5=21213e7e18d20a13efcf880 59e2ee839
B.C., Tripathy, Binod Chandra; M., Sen, Mausumi	On fuzzy I-convergent difference sequence spaces	2013	Journal of Intelligent and Fuzzy Systems	25	3	643	647	10.3233/IFS-120671	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880517513&doi=10.3233%2FIFS-120671&partnerID=40&md5=a4563b67104ce3e0 22842ffc008fb293
S., Kundu, Sarathi; K., Das, Kaushik; V.K., Aswal, Vinod Kumar	Modification of attractive and repulsive interactions among proteins in solution due to the presence of mono-, di- and tri-valent ions	2013	Chemical Physics Letters	578		115	119	10.1016/j.cplett.2013.05.062&partnerID=40&md5=daf8b2cbee393b5dc6b51 aa815a677db	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879914365&doi=10.1016%2Fj.cplett.2013.05.062&partnerID=40&md5=daf8b2cbee393b5dc6b51 aa815a677db
B.C., Tripathy, Binod Chandra; D.J., Sarma, Diganta Jyoti	On weakly b-continuous functions in bitopological spaces; Funções fracamente contínuas b em espaços bitopológicos	2013	Acta Scientiarum - Technology	35	3	521	525	10.4025/actascitechnol.v35i3.15612&partnerID=40&md5=69d1825995de05f 32e77e702ad7d0c8e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873690766&doi=10.4025%2Factascitechnol.v35i3.15612&partnerID=40&md5=69d1825995de05f 32e77e702ad7d0c8e
B., Gogoi, Bedanta; N.S., Sarma, Neelotpal Sen	Enhanced fluorescence quenching of hemin detected by a novel polymer of curcumin	2013	RSC Advances	3	21	7747	7750	10.1039/c3ra40549d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877689030&doi=10.1039%2F1039c3ra40549d&partnerID=40&md5=cffaf75secf6b9a48071fce087075a 44

B.C., Tripathy, Binod Chandra; P., Saikia, Pallavi	On the spectrum of the Cesàro operator C_1 on $bV_0 \cap \ell^\infty$	2013	Mathematica Slovaca	63	3	563	572	10.2478/s12175-013-0118-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879714644&doi=10.2478%2Fs12175-013-0118-1&partnerID=40&md5=4fc9b780e7b28ec08d964223cac2f3db
P., Dutta, Priyanka; N., Dass, Narendranath; D., Chowdhury, Devasish; N.S., Sarma, Neelotpal Sen	Oil-sorbent to hydrosorbent switching in Poly-9-octadecenylacrylate and Poly-9-octadecenylacrylate/Au nanocomposites	2013	Chemical Engineering Journal	225			202	10.1016/j.cej.2013.03.072	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876719851&doi=10.1016%2Fj.cej.2013.03.072&partnerID=40&md5=9fcf5cbd3ba4e8f36ac0f5958d80e86c
B.K., Sarma, Bimal K.; A.R., Pal, Arup R.; H., Bailing, Heremba; J., Chutia, Joyanti	Growth of nanocrystalline TiO ₂ thin films and crystal anisotropy of anatase phase deposited by direct current reactive magnetron sputtering	2013	Materials Chemistry and Physics	139	03 Feb		979	10.1016/j.matchemphys.2013.03.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875920267&doi=10.1016%2Fj.matchemphys.2013.03.002&partnerID=40&md5=f6cb01880a6c43a5e83fbb18a3784c1b
S., Dutta, Saranga; M., Deka, Mukul; D., Devi, Dipali	Impact of crowding on larval traits and silk synthesis in Eri silkworm	2013	Entomological News	123				10.3157/021.123.011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880727653&doi=10.3157%2F021.123.011&partnerID=40&md5=f20e6f43d6bb36860979cf83cb5f39e9
C., Wu, Chiahuang; J., Ke, Jauchuan; G., Choudhury, Gautam	Analysis of the machine repair models with multi-threshold synchronous vacations	2013	Journal of Testing and Evaluation	41				10.1520/JTE20120061	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878298945&doi=10.1520%2FJTE20120061&partnerID=40&md5=089f5a04d1a6652d437430ed587c1055
S., Dutta, Saranga; B., Talukdar, Bijit; R., Bharali, Rupjyoti; R., Rajkhowa, Rangam; D., Devi, Dipali	Fabrication and characterization of biomaterial film from gland silk of muga and eri silkworms	2013	Biopolymers	99				10.1002/bip.22168	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874332806&doi=10.1002%2Fbip.22168&partnerID=40&md5=ecdefe33744571f7e3e05b0db2665a2c
A.J., Dutta, Amar Jyoti	p-Bounded variation fuzzy real-valued double sequence space; Variação de fuzzy limitada a p de valor real de espaços de sequência duplo	2013	Acta Scientiarum - Technology	35				10.4025/actascitechnol.v35i2.15613	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876425055&doi=10.4025%2Factascitechnol.v35i2.15613&partnerID=40&md5=8f897362c5ed1e126586f1654a82b671
B.C., Tripathy, Binod Chandra; S., Debnath, Shyamal	γ -Open sets and γ -continuous mappings in fuzzy bitopological spaces	2013	Journal of Intelligent and Fuzzy Systems	24				10.3233/IFS-2012-0582	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876391145&doi=10.3233%2FIFS-2012-0582&partnerID=40&md5=e10f33fe3cd4bda44431bb239b299f1f
B., Choudhury, Balen; R., Goswami, Rajita; G.C., Das, Ganesh C.; M.P., Bora, Madhurja P.	Ion-acoustic solitons in warm magnetoplasmas with super-thermal electrons	2013	Physics of Plasmas	20				10.1063/1.4799554	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877605456&doi=10.1063%2F1.4799554&partnerID=40&md5=0bf147d8534305e7b85897853b16b270
M.K., Deka, Manoj Kr; H., Bailing, Heremba; N.C., Adhikary, Nirab Chandra	Analysis of electron energy distribution function in a magnetically filtered complex plasma	2013	Chinese Physics B	22				10.1088/1674-1056/22/4/045201	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876111834&doi=10.1088%2F1674-1056%2F22%2F4%2F045201&partnerID=40&md5=01ef7ce821eb96ee5943b89e41b47049

B., Gogoi, Bedanta; P., Dutta, Priyanka; N., Paul, Niloy; N., Dass, Narendranath; N.S., Sarma, Neelotpal Sen	Polycurcumin acrylate and polycurcumin methacrylate: Novel bio-based polymers for explosive chemical sensor	2013	Sensors and Actuators B: Chemical	181		144	152	10.1016/j.snb.2013.01.071	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875200443&doi=10.1016%2Fj.snb.2013.01.071&partnerID=40&md5=18e7bb788f32fc3b2206a88a16935bf3
J.K., Bal, Jayanta Kumar; S., Kundu, Sarathi	Surface correlation behaviors of metal-organic Langmuir-Blodgett films on differently passivated Si(001) surfaces	2013	Journal of Applied Physics	113	11			10.1063/1.4795152	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875693918&doi=10.1063%2F1.4795152&partnerID=40&md5=b9b82c61fefcb409a03000139d69bd5d
P., Dutta, Priyanka; B., Gogoi, Bedanta; N., Dass, Narendranath; N.S., Sarma, Neelotpal Sen	Efficient organic solvent and oil sorbent copolyesters: Poly-9-octadecenylacrylate/methacrylate with 1-hexene	2013	Reactive and Functional Polymers	73	3	457	464	10.1016/j.reactfunctpolym.2012.11.017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872514282&doi=10.1016%2Fj.reactfunctpolym.2012.11.017&partnerID=40&md5=c6757fca0d562e47e4f87411f6d098aa
B.C., Tripathy, Binod Chandra; S., Debnath, Shyamal	On generalized difference sequence spaces of fuzzy numbers; Sobre espaços de sequencias diferenciais generalizadas de números difusos	2013	Acta Scientiarum - Technology	35	1	117	121	10.4025/actascitechnol.v35i1.15566	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873342228&doi=10.4025%2Factascitechnol.v35i1.15566&partnerID=40&md5=22f8108603ecf6ad135fa5ec5d2ec318
S.K., Sharma, Sumita K.; H., Bailung, Heremba	Observation of hole Peregrine soliton in a multicomponent plasma with critical density of negative ions	2013	Journal of Geophysical Research: Space Physics	118	2	919	924	10.1002/jgra.50111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880072774&doi=10.1002%2Fjgra.50111&partnerID=40&md5=7a9b6cc3d62d1b6cb3e5bcdde529b772
S., Hoque, Samiul; N., Dass, Narendranath; K.G., Bhattacharyya, Krishna G.; N.S., Sarma, Neelotpal Sen	Liquid Crystalline Behaviors of Polycholesteryl methacrylate and Poly(Cholesteryl methacrylate Co-1-hexene), Their Synthesis and Characterization	2013	Polymer - Plastics Technology and Engineering	52	3	236	242	10.1080/03602559.2012.745554	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873673802&doi=10.1080%2F03602559.2012.745554&partnerID=40&md5=af976bc6d1230b41fbd556e77116549
B.C., Tripathy, Binod Chandra; A.J., Dutta, Amar Jyoti	Lacunary bounded variation sequence of fuzzy real numbers	2013	Journal of Intelligent and Fuzzy Systems	24	1	185	189	10.3233/IFS-2012-0544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872278720&doi=10.3233%2FIFS-2012-0544&partnerID=40&md5=448553c67716f4783468d04758233520
M.B., Sahariah, Munima Bora; S., Ghosh, Subhradip; C.S., Singh, Chabungbam S.; S., Gowtham, Shankara; R., Pandey, Ravindra	First-principles computation of structural, elastic and magnetic properties of Ni2FeGa across the martensitic transformation	2013	Journal of Physics Condensed Matter	25	2			10.1088/0953-8984/25/2/025502	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870870300&doi=10.1088%2F0953-8984%2F25%2F2%2F025502&partnerID=40&md5=ea86a256aac3741d6c146b917b50b97c
B.C., Tripathy, Binod Chandra; A., Paul, Avinoy	The spectrum of the operator D(r,0,s,0,t) over the sequence spaces c0 and c	2013	Journal of Mathematics	2013				10.1155/2013/430965	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014222429&doi=10.1155%2F2013%2F430965&partnerID=40&md5=16d7fec8fec490041f7a2d71264f504
U., Baruah, Upama; N., Gogoi, Neelam; G., Majumdar, Gitanjali; D., Chowdhury, Devasish	Capped fluorescent carbon dots for detection of hemin: Role of number of -OH groups of capping agent in fluorescence quenching	2013	Scientific World Journal	2013				10.1155/2013/529159	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896384062&doi=10.1155%2F2013%2F529159&partnerID=40&md5=142701b2028533b1226b2eebe5751caa

B.C., Tripathy, Binod Chandra; S., Borgohain, Stuti	Sequence space $m(M, \Phi)$ of fuzzy real numbers defined by Orlicz functions with fuzzy metric	2013	Kyungpook Mathematical Journal	53	3	319	332	10.5666/KMJ.2013.53.3.319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887599569&doi=10.5666%2FKMJ.2013.53.3.319&partnerID=40&md5=bd3bd8c5ce8060a84eb7e5dcca4969aa0
B.C., Tripathy, Binod Chandra; A., Paul, Avinoy	The spectrum of the operator $D(r, 0, 0, s)$ over the sequence spaces c_0 and c	2013	Kyungpook Mathematical Journal	53	2	247	256	10.5666/KMJ.2013.53.2.247	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886892728&doi=10.5666%2FKMJ.2013.53.2.247&partnerID=40&md5=bab520c57f1d48d6b3fd4dbfe2ac34ff
B.K., Sarma, Bimal K.; A.R., Pal, Arup R.; H., Bailing, Heremba; J., Chutia, Joyanti	Effect of post-deposition annealing on the growth of nanocrystalline TiO_2 thin films and elastic anisotropy of rutile phase at different temperatures	2013	Journal of Alloys and Compounds	577		261	268	10.1016/j.jallcom.2013.05.137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884370253&doi=10.1016%2Fj.jallcom.2013.05.137&partnerID=40&md5=4211c379d7410ddf827ed4268d3619de
S., Sen, Supriyo; V., Krishnasamy, V.; S., Krishnaveni, S.; C., Vijayalakshmi, Chenniappan; K., Rajamani, Kandhasamy; R., Gnanam, Ramaswamy	Evidence of floral reversion during in vitro shoot regeneration from young inflorescence of the medicinal geophyte <i>Gloriosa superba</i> L	2013	Plant Tissue Culture and Biotechnology	23	1	115	120	10.3329/ptcb.v23i1.15568	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879741957&doi=10.3329%2Fptcb.v23i1.15568&partnerID=40&md5=0fe4eddb81a79f306778d01ed4c87cf3
G., Choudhury, Gautam; K., Deka, Kandarpa	A batch arrival retrial queue with two phases of service and Bernoulli vacation schedule	2013	Acta Mathematicae Applicatae Sinica	29	1	15	34	10.1007/s10255-007-7083-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875381817&doi=10.1007%2Fs10255-007-7083-9&partnerID=40&md5=9e4c777832a0b03781e7ba23ce679f24
B.C., Tripathy, Binod Chandra; A., Paul, Avinoy	Spectrum of the operator $B(f, g)$ on the vector valued sequence space $c_0(X)$	2013	Boletim da Sociedade Paranaense de Matematica	31	1	105	111	10.5269/bspm.v31i1.15458	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867474535&doi=10.5269%2Fbspm.v31i1.15458&partnerID=40&md5=ce262f70485d99bb6772fdc92ea45bfa
B.C., Tripathy, Binod Chandra; S., Borgohain, Stuti	On a class of n -normed sequences related to the l_p -space	2013	Boletim da Sociedade Paranaense de Matematica	31	1	167	174	10.5269/bspm.v31i1.15414	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867443083&doi=10.5269%2Fbspm.v31i1.15414&partnerID=40&md5=f450a4abda54b272577c531d27252f5b
D., Chowdhury, Devasish; N., Gogoi, Neelam; G., Majumdar, Gitanjali	Fluorescent carbon dots obtained from chitosan gel	2012	RSC Advances	2	32	12156	12159	10.1039/c2ra21705h	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871080920&doi=10.1039%2Fc2ra21705h&partnerID=40&md5=38cb44d6140f3a209ead43586b0d77c5
D., Gogoi, Dolly; J., Chutia, Joyanti; A.J., Choudhury, Arup Jyoti; A.R., Pal, Arup R.; D.S., Patil, Dinkar S.	Radio-frequency Ar plasma treatment on muga silk fiber: correlation between physicochemical and surface morphology	2012	Journal of Theoretical and Applied Physics	6	1			10.1186/2251-7235-6-39	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130921495&doi=10.1186%2F2251-7235-6-39&partnerID=40&md5=a361906d57b5b6aea047cf7fb66fd675
J., Chutia, Joyanti; A.J., Choudhury, Arup Jyoti; A.R., Pal, Arup R.; D., Gogoi, Dolly	Modification of surface properties of bell metal by radiofrequency plasma polymerization	2012	Journal of Theoretical and Applied Physics	6	1			10.1186/2251-7235-6-40	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130898099&doi=10.1186%2F2251-7235-6-40&partnerID=40&md5=7a5be5373ad01da54bd76fc55dc6801f

B.C., Tripathy, Binod Chandra; P.C., Das, Paritosh Chandra	On convergence of series of fuzzy real numbers	2012	Kuwait Journal of Science and Engineering	39	1:00 AM	57	70	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876574497&partnerID=40&md5=ca3537e99a2665e968f7e382992d8323
N., Subramanian, Nagarajan; B.C., Tripathy, Binod Chandra; C., Murugesan, C.	The semi Orlicz space $cs_{\alpha}n_1$	2012	Kragujevac Journal of Mathematics	36	2	269	276	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876335774&partnerID=40&md5=0b7010acf6dd4defdbec62bad8047724
D., Gogoi, Dolly; J., Chutia, Joyanti; A.J., Choudhury, Arup Jyoti; A.R., Pal, Arup R.; N., Dass, Narendranath; D.S., Patil, Dinkar S.	Effect of radiofrequency plasma assisted grafting of polypropylene on the properties of muga silk yarn	2012	Plasma Chemistry and Plasma Processing	32	6	1293	1306	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870571416&doi=10.1007%2Fs11090-012-9410-z&partnerID=40&md5=c126cd2f42f1218c486cd8875b6b0e0d
B.C., Tripathy, Binod Chandra; D.J., Sarma, Diganta Jyoti	On pairwise b-locally open and pairwise b-locally closed functions in bitopological spaces	2012	Tamkang Journal of Mathematics	43	4	533	539	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866118102&doi=10.5556%2Fj.tkjm.43.2012.533-539&partnerID=40&md5=74f810cdd80f4d28cd66acc0e7740177
G., Choudhury, Gautam; M., Deka, Mitali	A single server queueing system with two phases of service subject to server breakdown and Bernoulli vacation	2012	Applied Mathematical Modelling	36	12	6050	6060	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865023645&doi=10.1016%2Fj.apm.2012.01.047&partnerID=40&md5=0421d2386140d11ab997b5fa03cce394
A.P., Misra, Amar Prasad; N.C., Adhikary, Nirab Chandra; P.K., Shukla, Padma Kant	Ion-acoustic solitary waves and shocks in a collisional dusty negative-ion plasma	2012	Physical Review E - Statistical, Nonlinear, and Soft Matter Physics	86	5			https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870680939&doi=10.1103%2FPhysRevE.86.056406&partnerID=40&md5=0c5044b1ba957654f4a8861d64f806f7
L.B., Mahanta, Lipi B.; T.D., Roy, Tanusree Deb; R.G., Dutta, Rongmili Gogoi; A., Devi, Arundhuti	Nutritional Status and the Impact of Socioeconomic Factors on Pregnant Women in Kamrup District of Assam	2012	Ecology of Food and Nutrition	51	6	463	480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867868655&doi=10.1080%2F03670244.2012.705701&partnerID=40&md5=25defda56ccd48698dd7e43bf178a384
T., Barman, Tapan; A.R., Pal, Arup R.	Pulsed DC discharge for synthesis of conjugated plasma polymerized aniline thin film	2012	Applied Surface Science	259		691	697	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866041067&doi=10.1016%2Fj.apsusc.2012.07.099&partnerID=40&md5=e499d9252961ad807e2870ab03b13ec4
J.K., Bal, Jayanta Kumar; S., Kundu, Sarathi; S., Hazra, Satyajit	Hydrophilic-like wettability of Cl-passivated Ge(0 0 1) surface	2012	Chemical Physics	406		72	77	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868214168&doi=10.1016%2Fj.chemphys.2012.08.010&partnerID=40&md5=60c20f877c200aae1684cc4b67e3b569
M.K., Deka, Manoj Kr; N.C., Adhikary, Nirab Chandra; A.P., Misra, Amar Prasad; H., Bailung, Heremba; Y., Nakamura, Yoshiharu	Characteristics of ion-acoustic solitary wave in a laboratory dusty plasma under the influence of ion-beam	2012	Physics of Plasmas	19	10			https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868356865&doi=10.1063%2F1.4757217&partnerID=40&md5=8ecb8d2d3d35519c31356d4bac9a361c

B.C., Tripathy, Binod Chandra; G.C., Ray, Gautam Chandra	On mixed fuzzy topological spaces and countability	2012	Soft Computing	16	10	1691	1695	10.1007/s00500-012-0853-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866119755&doi=10.1007%2Fs00500-012-0853-1&partnerID=40&md5=dfac7160d36853b8d6aebb-d29282b1a8
S., Bordoloi, Sabitry; B., Basumatary, Budhadev; R., Saikia, Rubul; H.C., Das, Hamendra Chandra	Axonopus compressus (Sw.) P. Beauv. A native grass species for phytoremediation of hydrocarbon-contaminated soil in Assam, India	2012	Journal of Chemical Technology and Biotechnology	87	9	1335	1341	10.1002/jctb.3765	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865194627&doi=10.1002%2Fjctb.3765&partnerID=40&md5=9903ca32bf308b8c4c8a8ea611aa41fc
B., Basumatary, Budhadev; R., Saikia, Rubul; S., Bordoloi, Sabitry; H.C., Das, Hamendra Chandra; H.P., Sarma, Hari Prasad	Assessment of potential plant species for phytoremediation of hydrocarbon-contaminated areas of upper Assam, India	2012	Journal of Chemical Technology and Biotechnology	87	9	1329	1334	10.1002/jctb.3773	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865168395&doi=10.1002%2Fjctb.3773&partnerID=40&md5=c5c5462043692fc52ab1cc972cb23700
A.A., Hussain, Amreen Ara; S., Sharma, Shyamalima; A.R., Pal, Arup R.; H., Bailung, Heremba; J., Chutia, Joyanti; D.S., Patil, Dinkar S.	Role of plasma parameters on the conjugated structure retention in polyaniline thin film	2012	Plasma Chemistry and Plasma Processing	32	4	817	832	10.1007/s11090-012-9381-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865486786&doi=10.1007%2Fs11090-012-9381-0&partnerID=40&md5=3887f855c5df44d07180863442e29009
J.K., Bal, Jayanta Kumar; S., Kundu, Sarathi; S., Hazra, Satyajit	Role of metal ions in growth and stability of Langmuir-Blodgett films on homogeneous and heterogeneous surfaces	2012	European Physical Journal E	35	8			10.1140/epje/i2012-12079-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865466655&doi=10.1140%2Fepje%2Fi2012-12079-8&partnerID=40&md5=da850eb42b06f45286414c62b2e8c252
R.R., Saikia, Rashmi Rekha; S., Deka, Suresh; M., Deka, Manab; H., Sarma, Hemen	Optimization of environmental factors for improved production of rhamnolipid biosurfactant by Pseudomonas aeruginosa RS29 on glycerol	2012	Journal of Basic Microbiology	52	4	446	457	10.1002/jobm.201100228	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864801626&doi=10.1002%2Fjobm.201100228&partnerID=40&md5=1bf2e36f52d0ca81ccc5f084cf2dce51
S.K., Sharma, Sumita K.; R., Kalita, Ranjan; Y., Nakamura, Yoshiharu; H., Bailung, Heremba	Dust charge measurement in a strongly coupled dusty plasma produced by an rf discharge	2012	Plasma Sources Science and Technology	21	4			10.1088/0963-0252/21/4/045002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862747295&doi=10.1088%2F0963-0252%2F21%2F4%2F045002&partnerID=40&md5=7b8e7b88474a5cdd8fdceab1abb5f08d
S., Sharma, Shyamalima; A.R., Pal, Arup R.; J., Chutia, Joyanti; H., Bailung, Heremba; N.S., Sarma, Neelotpal Sen; N., Dass, Narendranath; D.S., Patil, Dinkar S.	Plasma process for development of a bulk heterojunction optoelectronic device: A highly sensitive UV detector	2012	Applied Surface Science	258	20	7897	7906	10.1016/j.apsusc.2012.04.115	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862574353&doi=10.1016%2Fj.apsusc.2012.04.115&partnerID=40&md5=9a806bc350ef4bb237eb911bb41bffc
B.K., Sarma, Bimal K.; A.R., Pal, Arup R.; H., Bailung, Heremba; J., Chutia, Joyanti	A hybrid heterojunction with reverse rectifying characteristics fabricated by magnetron sputtered TiO _x and plasma polymerized aniline structure	2012	Journal of Physics D: Applied Physics	45	27			10.1088/0022-3727/45/27/275401	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862671831&doi=10.1088%2F0022-3727%2F45%2F27%2F275401&partnerID=40&md5=d937771be6be853e11d5a8992cd3420c
S., Kundu, Sarathi	Interparticle coupling of plasmon fields due to reorganization of Au nanoparticles in Langmuir-Blodgett film	2012	Journal of Applied Physics	112	1			10.1063/1.4736546	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864124417&doi=10.1063%2F1.4736546&partnerID=40&md5=735c7f15cfdbd9023b6507c8db3f1649

B., Basumatary, Budhadev; S., Bordoloi, Sabitry; H.P., Sarma, Hari Prasad	Crude oil-contaminated soil phytoremediation by using cyperus brevifolius (Rottb.) Hassk	2012	Water, Air, and Soil Pollution	223	6	3373	3383	10.1007/s11270-012-1116-6&partnerID=40&md5=d8e36a5d605824a707a25d0f1f979738
S.S., Ali, Shahin S.; M.R., Khan, Mojibur Rohman; E.D., Mullins, Ewen D.; F.M., Doohan, Fiona M.	The effect of wheat genotype on ethanol production from straw and the implications for multifunctional crop breeding	2012	Biomass and Bioenergy	42		1	9	10.1016/j.biombioe.2012.03.020&partnerID=40&md5=56f373918271b2eef48af149d96be284
R.R., Saikia, Rashmi Rekha; S., Deka, Suresh; M., Deka, Manab; I.M., Banat, Ibrahim M.	Isolation of biosurfactant-producing <i>Pseudomonas aeruginosa</i> RS29 from oil-contaminated soil and evaluation of different nitrogen sources in biosurfactant production	2012	Annals of Microbiology	62	2	753	763	10.1007/s13213-011-0315-5&partnerID=40&md5=d0cab9887d987cf928426706635227a0
B.C., Tripathy, Binod Chandra; M., Sen, Mausumi; S., Nath, Soumitra	l-convergence in probabilistic n-normed space	2012	Soft Computing	16	6	1021	1027	10.1007/s00500-011-0799-8&partnerID=40&md5=d2ab0972ad81fc7e6e7317c40077bef5
B.K., Sarma, Bimal K.; A.R., Pal, Arup R.; H., Bailung, Heremba; J., Chutia, Joyanti	Microstructural, optical, and dielectric properties of nanocrystalline TiO ₂ films prepared via ion-assisted magnetron sputtering	2012	International Journal of Materials Research	103	5	564	570	10.3139/146.110737&partnerID=40&md5=71745f26d61bad3313f01265e3fb30
J.K., Bal, Jayanta Kumar; S., Kundu, Sarathi; S., Hazra, Satyajit	Role of metal ions of Langmuir-Blodgett film in hydrophobic to hydrophilic transition of HF-treated Si surface	2012	Materials Chemistry and Physics	134	1	549	554	10.1016/j.matchemphys.2012.03.033&partnerID=40&md5=2700334afe5b27bb3d06f649d2b79cac
B.K., Sarma, Bimal K.; A.R., Pal, Arup R.; H., Bailung, Heremba; J., Chutia, Joyanti	Role of ion energy on growth and optical dispersion of nanocrystalline TiO ₂ films prepared by magnetron sputtering with ion assistance at the substrate	2012	Applied Surface Science	258	15	5659	5665	10.1016/j.apsusc.2012.02.051&partnerID=40&md5=843153e772857bb1e2b8a4572eca9396
S., Kundu, Sarathi; H., Matsuoka, Hideki; H., Seto, Hideki	Zwitterionic lipid (DPPC)-protein (BSA) complexes at the air-water interface	2012	Colloids and Surfaces B: Biointerfaces	93		215	218	10.1016/j.colsurfb.2012.01.008&partnerID=40&md5=fc3a0402e82bd0b779b7d8217fa5e21d
G., Choudhury, Gautam; B., Das, Biswanath; N.S., Sarma, Neelotpal Sen; O.K., Medhi, Okhil Kumar	Synthesis, structure and properties of cetyltrimethylammonium polyiodides	2012	Polyhedron	37	1	14	20	10.1016/j.poly.2012.01.030&partnerID=40&md5=abb10081307a2a1f6c7e552c371fadf8
G.C., Das, Ganesh C.; B., Choudhury, Balen; M.P., Bora, Madhurjya P.	Formation of shock waves in a cold dusty plasma	2012	Physics of Plasmas	19	4			10.1063/1.3703332&partnerID=40&md5=6ea8ec879bf45a7ef8d45601a700124

M.B., Sarma, Mamata B.; S.B., Gogoi, Subrata Borgohain; D., Devi, Dipali; B.C., Goswami, Bhabesh Chandra	Degumming of Muga silk fabric by biosurfactant	2012	Journal of Scientific and Industrial Research	71	4	270	272	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859557752&partnerID=40&md5=821e955ddaa4646fa98fd021a739c07
N.C., Adhikary, Nirab Chandra	Effect of viscosity on dust-ion acoustic shock wave in dusty plasma with negative ions	2012	Physics Letters, Section A: General, Atomic and Solid State Physics	376	17	1460	1464	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859426834&doi=10.1016%2Fj.physleta.2012.03.006&partnerID=40&md5=5821b6f2858cfab4718f4be1d3bf28918
L., Goswami, Lakshinandan; N.S., Sarma, Neelotpal Sen; D., Chowdhury, Devasish	Bias-induced enhancement of conductivity in polypyrrole	2012	Journal of Physical Chemistry C	116	10	6446	6452	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858325038&doi=10.1021%2Fjp300758d&partnerID=40&md5=cf0cc0132a420d9123b94d9c32ab4c35
K.K., Sharma, Kaustav Kalyan; J., Kotoky, Jibon; J.C., Kalita, Jogen Ch; R., Barthakur, R.	Evaluation of antidermatophytic activity of <i>Ranunculus sceleratus</i> and <i>Pongamia pinnata</i> available in North Eastern Region of India	2012	Asian Pacific Journal of Tropical Biomedicine	2	2 SUPPL.	S808	S811	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865959366&doi=10.1016%2FS2221-1691%2812%2960317-7&partnerID=40&md5=03d8528bf3058213673a6f4681f297c5
P., Chakravarty, Paresh; D.C., Deka, Dinesh C.; N.S., Sarma, Neelotpal Sen; H.P., Sarma, Hari Prasad	Removal of copper (II) from wastewater by heartwood powder of <i>Areca catechu</i> : Kinetic and equilibrium studies	2012	Desalination and Water Treatment	40	06 Jan	194	203	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201161509&doi=10.5004%2Fdwt.2012.2920&partnerID=40&md5=ea688850db8cb08b3e07886c465d6d11
P., Chakravarty, Paresh; D.C., Deka, Dinesh C.; N.S., Sarma, Neelotpal Sen; H.P., Sarma, Hari Prasad	Removal of copper (II) from wastewater by heartwood powder of <i>Areca catechu</i> : Kinetic and equilibrium studies	2012	Desalination and Water Treatment	40	03 Jan	194	203	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025330559&doi=10.1080%2F19443994.2012.671167&partnerID=40&md5=9eb6730fb98081c57b26bf880586198c
B.C., Tripathy, Binod Chandra; B., Hazarika, Bipan; B., Choudhary, Bishweshwar	Lacunary I-convergent sequences	2012	Kyungpook Mathematical Journal	52	4	473	482	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876450031&doi=10.5666%2FKMJ.2012.52.4.473&partnerID=40&md5=39e4dc5749c3dabb7cbcb9de267abf8
V.V., Pešić, Vladimir Vukašinić; T., Chatterjee, Tapas; M.K., Das, M. K.; S., Bordoloi, Sabitry	Two rare water mite species (Acari, Hydrachnidia) from the streams of the Indian eastern himalayan region	2012	Systematic and Applied Acarology	17	4	458	464	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870806726&doi=10.11158%2Fsaa.17.4.15&partnerID=40&md5=685d912f1e9ede470c1825f2c5b8389
B.C., Tripathy, Binod Chandra; B.K., Sarma, Bipul K.	On I-convergent double sequences of fuzzy real numbers	2012	Kyungpook Mathematical Journal	52	2	189	200	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870420769&doi=10.5666%2FKMJ.2012.52.2.189&partnerID=40&md5=6d63c8316f70ecd31580e22f63560cb9
B., Basumatary, Budhadev; R., Saikia, Rubul; S., Bordoloi, Sabitry	Phytoremediation of crude oil contaminated soil using nut grass, <i>Cyperus rotundus</i>	2012	Journal of Environmental Biology	33	5	891	896	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870002039&partnerID=40&md5=b6597ce2abc841722cc7bf418d25c5ac

K.K., Sharma, Kaustav Kalyan; J., Kotoky, Jibon; J.C., Kalita, Jogen Chandra; G.C., Sarma, Gajen Chandra	Traditional use of medicinal plants for anti-ringworm therapy in some parts of Kamrup District of Assam, a North Eastern State of India	2012	Asian Pacific Journal of Tropical Disease	2	SUPPL.1	S316	S319	10.1016/S2222-1808(12)60173-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869145532&doi=10.1016%2FS2222-1808%2812%2960173-X&partnerID=40&md5=563784385454c9d5adc89c7a64b7f098
R. Devi, T., Mudoi, Tiluttama; D.C., Deka, Dibakar Chandra; D., Devi, Dipali	In vitro and in vivo antioxidant activity of fresh juice of citrus grandis of the northeastern region of India	2012	Journal of Herbs, Spices and Medicinal Plants	18	4	349	359	10.1080/10496475.2012.713904	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868235101&doi=10.1080%2F10496475.2012.713904&partnerID=40&md5=e2177826dc526e1bf46d8e5c269231a0
A.J., Dutta, Amar Jyoti; B.C., Tripathy, Binod Chandra	On I-Acceleration Convergence of Sequences of Fuzzy Real Numbers	2012	Mathematical Modelling and Analysis	17	4	549	557	10.3846/13926292.2012.712.706656	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865524758&doi=10.3846%2F13926292.2012.706656&partnerID=40&md5=3c55d2bbca70d94a825ad257531e1540
B.C., Tripathy, Binod Chandra; A., Baruah, Achyutananda; M., Et, Mikail; M., Güngör, Mehmet	On almost statistical convergence of new type of generalized difference sequence of fuzzy numbers	2012	Iranian Journal of Science and Technology, Transaction A: Science	36	2	147	155		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865383761&partnerID=40&md5=8876fe572906ffe2e63e2e1f0d11b26f
B.C., Tripathy, Binod Chandra; H., Dutta, Hemen	On some lacunary difference sequence spaces defined by a sequence of orlicz functions and q-lacunary Δ_m -statistical convergence	2012	Analele Stiintifice ale Universitatii Ovidius Constanta, Seria Matematica	20	1	417	430	10.2478/v10309-012-0028-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861941105&doi=10.2478%2Fv10309-012-0028-1&partnerID=40&md5=f093fb8306ca162bda3cde3fb943fd84
L., Tadj, Lotfi; G., Choudhury, Gautam; K., Rekab, Kamel	A two-phase quorum queueing system with Bernoulli vacation schedule, setup, and N-policy for an unreliable server with delaying repair	2012	International Journal of Services and Operations Management	12	2	139	164	10.1504/IJSOM.2012.047103	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861871478&doi=10.1504%2FIJSOM.2012.047103&partnerID=40&md5=97e03fe619575305d65732bd53095f50
S.S., Ali, Shahin S.; M.R., Khan, Mojibur Rohman; B., Fagan, Brian; E.D., Mullins, Ewen D.; F.M., Doohan, Fiona M.	Exploiting the inter-strain divergence of Fusarium oxysporum for microbial bioprocessing of lignocellulose to bioethanol	2012	AMB Express	2	1	1	9	10.1186/2191-0855-2-16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861425158&doi=10.1186%2F2191-0855-2-16&partnerID=40&md5=b41e0ff5c6ef4ca05cc99a0fa25b0b12
T., Mudoi, Tiluttama; D.C., Deka, Dibakar Chandra; R. Devi	In vitro antioxidant activity of Garcinia pedunculata, an indigenous fruit of North Eastern (NE) region of India	2012	International Journal of PharmTech Research	4	1	334	342		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860001430&partnerID=40&md5=622cf2a0ff7cc3eec8abe3c8c72dcc09
G., Choudhury, Gautam; J., Ke, Jauchuan	A batch arrival retrial queue with general retrial times under Bernoulli vacation schedule for unreliable server and delaying repair	2012	Applied Mathematical Modelling	36	1	255	269	10.1016/j.apm.2011.05.047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051826379&doi=10.1016%2Fj.apm.2011.05.047&partnerID=40&md5=192b1dd7368870f9e98a2e3357a29716
H., Bailung, Heremba; S.K., Sharma, Sumita K.; N., Bhagoboty, N.; Y., Nakamura, Yoshiharu	Shock wave propagation in a dusty plasma crystal	2011	AIP Conference Proceedings	1397		287	288	10.1063/1.3659806	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84255195706&doi=10.1063%2F1.3659806&partnerID=40&md5=0b7f603f295e166aee3abc17cb307b1c

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N.C., Adhikary, Nirab Chandra; O., Ishihara, Osamu	Dust cluster rotation in cryogenic magnetized plasma	2011	AIP Conference Proceedings	1397		345	346	10.1063/1.3659835	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84255189116&doi=10.1063%2F1.3659835&partnerID=40&md5=ae404a20e45e89b56ed5952a0f001c2b
H., Bailung, Heremba; S.K., Sharma, Sumita K.; Y., Nakamura, Yoshiharu	Observation of peregrine solitons in a multicomponent plasma with negative ions	2011	Physical Review Letters	107	25			10.1103/PhysRevLett.107.255005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83655191172&doi=10.1103%2FPhysRevLett.107.255005&partnerID=40&md5=9eb81cf7bcc4b3a3aac0d11118f913e4
S., Kundu, Sarathi; J.K., Bal, Jayanta Kumar	Reorganization of Au nanoparticle Langmuir-Blodgett films on wet chemically passivated Si(001) surfaces	2011	Journal of Applied Physics	110	11			10.1063/1.3664696	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84859355548&doi=10.1063%2F1.3664696&partnerID=40&md5=41d767684c849ce424e7e4a6f2868166
B.C., Tripathy, Binod Chandra; D.J., Sarma, Diganta Jyoti	On b-locally open sets in bitopological spaces	2011	Kyungpook Mathematical Journal	51	4	429	433	10.5666/KMJ.2011.51.4.429	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857174028&doi=10.5666%2FKMJ.2011.51.4.429&partnerID=40&md5=79c2a45d747132e4e562565bba6c9f26
K.K., Sharma, Kaustav Kalyan; R., Saikia, Rubul; J., Kotoky, Jibon; J.C., Kalita, Jogen Ch; J., Das, Jayshree	Evaluation of Antidermatophytic activity of Piper betle, Allamanda cathartica and their combination: An in vitro and in vivo study	2011	International Journal of PharmTech Research	3	2	644	651		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856272488&partnerID=40&md5=1d41158c41b843795b0ce47072fccd47
R. Devi, D.C., Boruah, Dulal Chandra; D.K., Sharma, Dharendra Kumar; J., Kotoky, Jibon	Leaf extract of Clerodendron colebrookianum inhibits intrinsic hypercholesterolemia and extrinsic lipid peroxidation	2011	International Journal of PharmTech Research	3	2	960	967		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855995252&partnerID=40&md5=8d9678afade5c21c3848d5e6086ecf3d
B.C., Tripathy, Binod Chandra; S., Borgohain, Stuti	Some classes of difference sequence spaces of fuzzy real numbers defined by orlicz function	2011	Advances in Fuzzy Systems					10.1155/2011/216414	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855708261&doi=10.1155%2F2011%2F216414&partnerID=40&md5=17bd26916f4014ff3a17fa5d3023b9e1
A.P., Misra, Amar Prasad; N.C., Adhikary, Nirab Chandra	Large amplitude solitary waves in ion-beam plasmas with charged dust impurities	2011	Physics of Plasmas	18	12			10.1063/1.3671951	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855336142&doi=10.1063%2F1.3671951&partnerID=40&md5=91a1f642b95ca575b68335cdb8e7afb8
H., Deka, Hemen; S., Deka, Suresh; C.K., Baruah, Chittaranjan K.; J., Das, Jyotismita; S., Hoque, Samiul; H., Sarma, Hemen; N.S., Sarma, Neelotpal Sen	Vermicomposting potentiality of Perionyx excavatus for recycling of waste biomass of java citronella - An aromatic oil yielding plant	2011	Bioresource Technology	102	24	11212	11217	10.1016/j.biortech.2011.09.102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-82755177940&doi=10.1016%2Fj.biortech.2011.09.102&partnerID=40&md5=a5aba0314249f9f49bfc3cd02ebd6087
A.R., Pal, Arup R.; B.K., Sarma, Bimal K.; N.C., Adhikary, Nirab Chandra; J., Chutia, Joyanti; H., Bailung, Heremba	TiO ₂ /polyaniline nanocomposite films prepared by magnetron sputtering combined with plasma polymerization process	2011	Applied Surface Science	258	3	1199	1205	10.1016/j.apsusc.2011.09.071	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80455176956&doi=10.1016%2Fj.apsusc.2011.09.071&partnerID=40&md5=5a377e07996f4ca354677824cc4adb84

H., Sarma, Hemen; S., Deka, Suresh; H., Deka, Hemen; R.R., Saikia, Rashmi Rekha	Accumulation of heavy metals in selected medicinal plants	2011	Reviews of Environmental Contamination and Toxicology	214		63	86	10.1007/978-1-4614-0668-6_4&partnerID=40&md5=cb169d97ce0246abb3a6d7c218f9628d
D., Gogoi, Dolly; A.J., Choudhury, Arup Jyoti; J., Chutia, Joyanti; A.R., Pal, Arup R.; N., Dass, Narendranath; D., Devi, Dipali; D.S., Patil, Dinkar S.	Enhancement of hydrophobicity and tensile strength of muga silk fiber by radiofrequency Ar plasma discharge	2011	Applied Surface Science	258	1	126	135	10.1016/j.apsusc.2011.08.018
L., Goswami, Lakshinandan; N.S., Sarma, Neelotpal Sen; D., Chowdhury, Devasish	Determining the ionic and electronic contribution in conductivity of polypyrrole/Au nanocomposites	2011	Journal of Physical Chemistry C	115	40	19668	19675	10.1021/jp2075012
B.K., Sarma, Bimal K.; A.R., Pal, Arup R.; H., Bailung, Heremba; J., Chutia, Joyanti	Extended conjugation in polyaniline like structure prepared by plasma polymerization suitable for optoelectronic applications	2011	Plasma Chemistry and Plasma Processing	31	5	741	754	10.1007/s11090-011-9311-6&partnerID=40&md5=0e90c7c67e450641192261870cbd8d8a
A.J., Choudhury, Arup Jyoti; S.A., Barve, Shruti A.; J., Chutia, Joyanti; H., Kakati, Hemen; A.R., Pal, Arup R.; J., Jagannath, J.; N., Mithal, Nidhi; R., Kishore, Ramaswamy; M., Pandey, Mukesh; D.S., Patil, Dinkar S.	Effect of impinging ion energy on the substrates during deposition of SiOx films by radiofrequency plasma enhanced chemical vapor deposition process	2011	Thin Solid Films	519	22	7864	7870	10.1016/j.tsf.2011.05.079&partnerID=40&md5=cbd4fad32fd50ae52c34faa0ad3cde6
A.J., Choudhury, Arup Jyoti; S.A., Barve, Shruti A.; J., Chutia, Joyanti; A.R., Pal, Arup R.; R., Kishore, Ramaswamy; J., Jagannath, J.; M.M., Pande, Manjiri M.; D.S., Patil, Dinkar S.	RF-PACVD of water repellent and protective HMDSO coatings on bell metal surfaces: Correlation between discharge parameters and film properties	2011	Applied Surface Science	257	20	8469	8477	10.1016/j.apsusc.2011.04.134
M., Choudhury, Manisha; L.B., Mahanta, Lipi B.; J.S., Goswami, Jayashree Sarmah; M.D., Mazumder, Meenakshi Dutta	Will capacity building training interventions given to street food vendors give us safer food?: A cross-sectional study from India	2011	Food Control	22	8	1233	1239	10.1016/j.foodcont.2011.01.023
D., Chowdhury, Devasish	Ni-coated polyaniline nanowire as chemical sensing material for cigarette smoke	2011	Journal of Physical Chemistry C	115	28	13554	13559	10.1021/jp2039306
K.K., Sharma, Kaustav Kalyan; R., Saikia, Rubul; J., Kotoky, Jibon; J.C., Kalita, Jogen Ch; R. Devi	Antifungal activity of solanum melongena L, lawsonia inermis L. and justicia gendarussa B. against dermatophytes	2011	International Journal of PharmTech Research	3	3	1635	1640	10.1016/j.apsusc.2011.08.018
H., Deka, Hemen; S., Deka, Suresh; C.K., Baruah, Chittaranjan K.; J., Das, Jyotismita; S., Hoque, Samiul; N.S., Sarma, Neelotpal Sen	Vermicomposting of distillation waste of citronella plant (Cymbopogon winterianus Jowitt.) employing Eudrilus eugeniae	2011	Bioresource Technology	102	13	6944	6950	10.1016/j.biortech.2011.04.027

G., Choudhury, Gautam; L., Tadj, Lotfi	The optimal control of an Mx/G/1 unreliable server queue with two phases of service and Bernoulli vacation schedule	2011	Mathematical and Computer Modelling	54	02 Jan	673	688	10.1016/j.mcm.2011.03.010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955476164&doi=10.1016%2Fj.mcm.2011.03.010&partnerID=40&md5=34e61ef8ded9e3bcc8082e46cb11fc4f
D., Devi, Dipali; B., Talukdar, Bijit; S., Dutta, Saranga; K.C., Baruah, Kanak Chandra	Sericin content of cocoons of <i>Antheraea Assamensis</i> helter at different eco-climatic conditions	2011	Indian Journal of Sericulture	50	1	34	38		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855218447&partnerID=40&md5=d9a50dd1d9aa090c83ac27198f1c4743
A., Sarma, Aniruddha; H., Sarma, Hemen; T.C., Sarma, Tarun Ch; A.K., Handique, Arun Kumar	Screening of essential oil obtained from inflorescence of lemongrass [<i>Cymbopogon flexuosus</i> (Nees ex Steud.) Wats] accessions	2011	Indian Journal of Natural Products and Resources	2	2	236	241		https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960120119&partnerID=40&md5=c3566e193c6b1e9184475b74be84e111
D., Devi, Dipali; N.S., Sarma, Neelotpal Sen; B., Talukdar, Bijit; P., Chetri, Prafulla; K.C., Baruah, Kanak Chandra; N., Dass, Narendranath	Study of the structure of degummed <i>Antheraea assamensis</i> (muga) silk fibre	2011	Journal of the Textile Institute	102	6	527	533	10.1080/00405000.2010.498172	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957553175&doi=10.1080%2F00405000.2010.498172&partnerID=40&md5=7415c59bf9f64fc7de0b6d4a540ced51
B.C., Tripathy, Binod Chandra; P., Chandra, Prabhat	On some generalized difference paranormed sequence spaces associated with multiplier sequence defined by modulus function	2011	Analysis in Theory and Applications	27	1	21	27	10.1007/s10496-011-0021-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79953117810&doi=10.1007%2F10496-011-0021-y&partnerID=40&md5=aef06ba53fb4ab14e7dd50ed628e3b6b
A.J., Choudhury, Arup Jyoti; S.A., Barve, Shruti A.; J., Chutia, Joyanti; A.R., Pal, Arup R.; D., Chowdhury, Devasish; R., Kishore, Ramaswamy; J., Jagannath, J.; N., Mithal, Nidhi; M., Pandey, Mukesh; D.S., Patil, Dinkar S.	Investigations of the hydrophobic and scratch resistance behavior of polystyrene films deposited on bell metal using RF-PACVD process	2011	Applied Surface Science	257	9	4211	4218	10.1016/j.apsusc.2010.12.022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78951482793&doi=10.1016%2Fj.apsusc.2010.12.022&partnerID=40&md5=87de8d9a8c86337c6513c5d19a8e60b1
P., Chakravarty, Paramita; S., Bordoloi, Sabitry; S., Grosjean, Stéphane; A., Ohler, Annemarie; A., Borkotoki, Aparajita	Tadpole morphology and table of developmental stages of <i>Polypedates teraiensis</i> (Dubois, 1987)	2011	Alytes	27	3	85	115		https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952929487&partnerID=40&md5=f1df33c88ff6480572d4d4c8c2c5c34c
A.J., Choudhury, Arup Jyoti; J., Chutia, Joyanti; S.A., Barve, Shruti A.; H., Kakati, Hemen; A.R., Pal, Arup R.; J., Jagannath, J.; N., Mithal, Nidhi; R., Kishore, Ramaswamy; M., Pandey, Mukesh; D.S., Patil, Dinkar S.	Studies of physical and chemical properties of styrene-based plasma polymer films deposited by radiofrequency Ar/styrene glow discharge	2011	Progress in Organic Coatings	70	03 Feb	75	82	10.1016/j.porgcoat.2010.10.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79551505263&doi=10.1016%2Fj.porgcoat.2010.10.006&partnerID=40&md5=d2250091a2ba87f899b7c7cee3abe44c
M., Choudhury, Manisha; L.B., Mahanta, Lipi B.; J.S., Goswami, Jayashree Sarmah; M.D., Mazumder, Meenakshi Dutta; B., Pegoo, Barnali	Socio-economic profile and food safety knowledge and practice of street food vendors in the city of Guwahati, Assam, India	2011	Food Control	22	2	196	203	10.1016/j.foodcont.2010.06.020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649514663&doi=10.1016%2Fj.foodcont.2010.06.020&partnerID=40&md5=8b32f661135e4e88f38234a089fbf724
G., Choudhury, Gautam; L., Tadj, Lotfi; J., Ke, Jauchuan	A two-phase service system with bernoulli vacation schedule, setup time and N-policy for an unreliable server with delaying repair	2011	Quality Technology and Quantitative Management	8	3	271	284	10.1080/16843703.2011.11673259	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857729885&doi=10.1080%2F16843703.2011.11673259&partnerID=40&md5=93812b12fe3f785a61c30248ee212a6f
L., Tadj, Lotfi; G., Choudhury, Gautam; K., Rekab, Kamel	A note on a bulk arrivals quorum queueing system with an unreliable server	2011	International Journal of Applied Management Science	3	3	316	325	10.1504/IJAMS.2011.041320	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857282667&doi=10.1504%2FIJAMS.2011.041320&partnerID=40&md5=58edb6f7f327a3c6cb43410109a4799b

S., Hoque, Samiul; N., Dass, Narendranath; N.S., Sarma, Neelotpal Sen	Reactivity ratios of monomers cholesterylacrylate and 1-hexene in liquid crystalline copolymers: Their synthesis and characterization	2011	Journal of Polymer Materials	28	1	49	58	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959617592&partnerID=40&md5=6f0849b5c221fc85c0d8f477e22be3c0
S.M., Borah, Sankar Moni; A.R., Pal, Arup R.; H., Bailung, Heremba; J., Chutia, Joyanti	Effect of $e \times B$ electron drift and plasma discharge in dc magnetron sputtering plasma	2011	Chinese Physics B	20	1		10.1088/1674-1056/20/1/014701	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952389493&doi=10.1088%2F1674-1056%2F20%2F1%2F014701&partnerID=40&md5=80149754b647b0f93692426bcc45b271
B.C., Tripathy, Binod Chandra; B.K., Sarma, Bipul K.	Some double sequence spaces of fuzzy numbers defined by Orlicz functions	2011	Acta Mathematica Scientia	31	1	134	140 10.1016/S0252-9602(11)60215-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650985171&doi=10.1016%2F0252-9602%2811%2960215-4&partnerID=40&md5=09068c1670360a447d07ffcc0286ae4a
B.C., Tripathy, Binod Chandra; B., Hazarika, Bipan	Some I-convergent sequence spaces defined by Orlicz functions	2011	Acta Mathematicae Applicatae Sinica	27	1	149	154 10.1007/s10255-011-0048-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650402566&doi=10.1007%2F10255-011-0048-z&partnerID=40&md5=26634b0471af7135feb43d4b4b2d8f19
M., Kalita, Mukut; K.G., Bhattacharyya, Krishna G.; A., Devi, Arundhuti	Accumulation of heavy metals in some selected plant parts (rice grains, rice husks, papaya fruits and tea leaves) collected from crude oil contaminated sites In Assam	2010	Ecology, Environment and Conservation	16	2	153	161	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957823630&partnerID=40&md5=884f160e79560ea083041a9f059214e9
H., Bailung, Heremba; M.K., Deka, Manoj Kr; N.C., Adhikary, Nirab Chandra; Y.A., Nakamura, Yoshikazu Atsushi	Charging of micrometre-sized dust grains in a low temperature and low density plasma produced using a magnetic filter	2010	Plasma Sources Science and Technology	19	5		10.1088/0963-0252/19/5/055005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149321286&doi=10.1088%2F0963-0252%2F19%2F5%2F055005&partnerID=40&md5=dc643fe184afb94ed61fe8643396aeab
V.V., Pešić, Vladimir Vukašinović; T., Chatterjee, Tapas; S., Bordoloi, Sabitry	A checklist of the water mites (Acari: Hydrachnidia) of India, with new records and description of one new species	2010	Zootaxa		2617	1	54 10.11646/zootaxa.2617.1.1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957006155&doi=10.11646%2Fzootaxa.2617.1.1&partnerID=40&md5=a21d1efb64a61796a4e3fa21ae269ab1
P., Chakravarty, Paresh; N.S., Sarma, Neelotpal Sen; H.P., Sarma, Hari Prasad	Biosorption of cadmium(II) from aqueous solution using heartwood powder of Areca catechu	2010	Chemical Engineering Journal	162	3	949	955 10.1016/j.cej.2010.06.048	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955923497&doi=10.1016%2Fj.cej.2010.06.048&partnerID=40&md5=5d4a459c59334d8031c45229cdec8295
B., Choudhury, Bula; P., Azad, Padum; M.C., Kalita, Mohan Chandra	Variability in symbiotic effectiveness of native rhizobia in acid stress	2010	Current Microbiology	61	2	85	91 10.1007/s00284-009-9579-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955556404&doi=10.1007%2F00284-009-9579-4&partnerID=40&md5=3ec0642cc2a4f1eeb4f9123f416b3464
A.J., Choudhury, Arup Jyoti; J., Chutia, Joyanti; H., Kakati, Hemen; S.A., Barve, Shruti A.; A.R., Pal, Arup R.; N.S., Sarma, Neelotpal Sen; D., Chowdhury, Devasish; D.S., Patil, Dinkar S.	Studies of radiofrequency plasma deposition of hexamethyldisiloxane films and their thermal stability and corrosion resistance behavior	2010	Vacuum	84	11	1327	1333 10.1016/j.vacuum.2010.02.013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78049423095&doi=10.1016%2Fj.vacuum.2010.02.013&partnerID=40&md5=a61e11bd5efadd33667e75ebd47a6aa5

H., Bailung, Heremba; S.K., Sharma, Sumita K.; Y.A., Nakamura, Yoshikazu Atsushi	Effect of ion beam on the propagation of rarefactive solitons in multicomponent plasma with negative ions	2010	Physics of Plasmas	17	6			10.1063/1.3432123	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954119727&doi=10.1063%2F1.3432123&partnerID=40&md5=5c4a7b42dc4ccab1eefc6b5f83291253
P., Chakravarty, Paresh; N.S., Sarma, Neelotpal Sen; H.P., Sarma, Hari Prasad	Removal of lead(II) from aqueous solution using heartwood of Areca catechu powder	2010	Desalination	256	03 Jan	16	21	10.1016/j.desal.2010.02.029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950689474&doi=10.1016%2Fj.desal.2010.02.029&partnerID=40&md5=bee3325bbe7a5736e8b01c66c099d90c
B.C., Tripathy, Binod Chandra; A., Baruah, Achyutananda	Nörlund and Riesz mean of sequences of fuzzy real numbers	2010	Applied Mathematics Letters	23		651	655	10.1016/j.aml.2010.02.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949484965&doi=10.1016%2Fj.aml.2010.02.006&partnerID=40&md5=0c2e969320c71fdeb14555e612328e72
M.B., Sahariah, Munima Bora; S., Ghosh, Subhradip	Dynamical stability and phase transition of BeO under pressure	2010	Journal of Applied Physics	107		8		10.1063/1.3359706	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952351313&doi=10.1063%2F1.3359706&partnerID=40&md5=e1d99a8fc31ff5f2cd0e4155572a0944
S.K., Sharma, Sumita K.; H., Bailung, Heremba	Characteristics of large amplitude compressive ion acoustic solitary wave in ion beam multicomponent plasma	2010	Physics of Plasmas	17		3		10.1063/1.3310833	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950551725&doi=10.1063%2F1.3310833&partnerID=40&md5=b461acf26772bec3844db0c9bb59edd0
N.C., Adhikary, Nirab Chandra; A.P., Misra, Amar Prasad; H., Bailung, Heremba; J., Chutia, Joyanti	Ion-beam driven dust ion-acoustic solitary waves in dusty plasmas	2010	Physics of Plasmas	17		4		10.1063/1.3381036	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952405638&doi=10.1063%2F1.3381036&partnerID=40&md5=c07e650622fa26b93b99307473259171
B.C., Tripathy, Binod Chandra; S., Mahanta, Sabita	On I-acceleration convergence of sequences	2010	Journal of the Franklin Institute	347		3	591	10.1016/j.jfranklin.2010.02.001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649272668&doi=10.1016%2Fj.jfranklin.2010.02.001&partnerID=40&md5=c1988aa0bb9a55fffee6f6d301c45eaf
T., Bortamuli, Tutul; S., Bordoloi, Sabitry; A., Ohler, Annemarie; S., Grosjean, Stéphane	External morphology, buccopharyngeal anatomy and development rate of the tadpoles of two Asian Ranidae (Amphibia: Anura), <i>Hylarana humeralis</i> (Boulenger, 1887) and <i>Hylarana leptoglossa</i> (Cope, 1868)	2010	Journal of Natural History	44	08 Jul	421	445	10.1080/002229309033593359651	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949348527&doi=10.1080%2F00222930903359651&partnerID=40&md5=9c89dfa41b85d8588a767e16ff50960a
B., Choudhury, Bula; M.C., Kalita, Mohan Chandra; P., Azad, Padum	Distribution of arbuscular mycorrhizal fungi in marshy and shoreline vegetation of Deepar Beel Ramsar Site of Assam, India	2010	World Journal of Microbiology and Biotechnology	26		11	1965	10.1007/s11274-010-0377-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957672649&doi=10.1007%2Fs11274-010-0377-8&partnerID=40&md5=25379e905f09af5db1758ce1dfb68abe
A.K., Talukdar, Anup Kumar; S., Deka, Suresh; A., Hussain, Abul	Evaluation of water quality index at Goalpara town and its surrounding areas in Assam, India	2010	Nature Environment and Pollution Technology	9		3	615		https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651530318&partnerID=40&md5=e244af9fd6899f2f5f56b0b84a1f8614

B.C., Tripathy, Binod Chandra; A., Baruah, Achyutananda	Lacunary statically convergent and lacunary strongly convergent generalized difference sequences of fuzzy real numbers	2010	Kyungpook Mathematical Journal	50	4	565	574	10.5666/KMJ.2010.50.4.565	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650924669&doi=10.5666%2FKMJ.2010.50.4.565&partnerID=40&md5=24c328ea4e912aefa40d876cfc985a35
G.C., Das, Ganesh C.; K., Devi, Karabi	Evolution of double layers in magnetised plasmas contaminated with dust charge fluctuations	2010	Astrophysics and Space Science	330	1	79	86	10.1007/s10509-010-0364-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958015070&doi=10.1007%2Fs10509-010-0364-4&partnerID=40&md5=d0cf0b7e614796bfd252a9e66846e62f
B.C., Tripathy, Binod Chandra; H., Dutta, Hemen	On some new paranormed difference sequence spaces defined by Orlicz functions	2010	Kyungpook Mathematical Journal	50	1	59	69	10.5666/KMJ.2010.50.1.059	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955967925&doi=10.5666%2FKMJ.2010.50.1.059&partnerID=40&md5=b2149ab95e3c7f93f7e5124617d7dbe4
A., Baishya, Anjali; A., Dutta, Aparna; S., Bordoloi, Sabitry	Morphometry and length-weight relationship of Amblypharyngodon mola (Hamilton-Buchanan, 1822)	2010	Indian Journal of Fisheries	57	1	87	91		https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951273394&partnerID=40&md5=ce2b99d0540c0d814874f8d63e759dfa
A.J., Choudhury, Arup Jyoti; H., Kakati, Hemen; A.R., Pal, Arup R.; D.S., Patil, Dinkar S.; J., Chutia, Joyanti	Synthesis and characterization of plasma polymerized styrene films by rf discharge	2010	Journal of Physics: Conference Series	208				10.1088/1742-6596/208/1/012104	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950512239&doi=10.1088%2F1742-6596%2F208%2F1%2F012104&partnerID=40&md5=c0a425851d03192d70c7bc94504e8d4b
K., Devi, Kavita; S.K., Sharma, Sumita K.; H., Bailung, Heremba	Production and characteristics of low temperature and low density plasma using a magnetic filter	2010	Journal of Physics: Conference Series	208				10.1088/1742-6596/208/1/012050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950497948&doi=10.1088%2F1742-6596%2F208%2F1%2F012050&partnerID=40&md5=b2f80d0550bf5e63ea67e60d8da01216
S.M., Borah, Sankar Moni; H., Bailung, Heremba; J., Chutia, Joyanti	Study of the sheath potential structure using emissive probe in a dc magnetron plasma	2010	Journal of Physics: Conference Series	208				10.1088/1742-6596/208/1/012128	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950497658&doi=10.1088%2F1742-6596%2F208%2F1%2F012128&partnerID=40&md5=0f9f55c411df7596ed6b74963a798ce1
S.K., Sharma, Sumita K.; K., Devi, Kavita; H., Bailung, Heremba	Characteristics of ion acoustic modified Korteweg de Vries (KdV) solitons in multicomponent plasma with negative ions	2010	Journal of Physics: Conference Series	208				10.1088/1742-6596/208/1/012036	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950486480&doi=10.1088%2F1742-6596%2F208%2F1%2F012036&partnerID=40&md5=c9e336d679617d626aa2214b16dc2694
H., Kakati, Hemen; A.R., Pal, Arup R.; H., Bailung, Heremba; J., Chutia, Joyanti	The influence of RF power and gas pressure on the surface characteristics of aluminium oxide deposited by RF magnetron sputtering plasma	2010	Journal of Physics: Conference Series	208				10.1088/1742-6596/208/1/012102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77950478653&doi=10.1088%2F1742-6596%2F208%2F1%2F012102&partnerID=40&md5=78f56f640179c4e12eebe0168f30e3ea
G., Choudhury, Gautam; L., Tadi, Lotfi; K., Deka, Kandarpa	A batch arrival retrial queueing system with two phases of service and service interruption	2010	Computers and Mathematics with Applications	59	1	437	450	10.1016/j.camwa.2009.06.021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73449132893&doi=10.1016%2Fj.camwa.2009.06.021&partnerID=40&md5=4ad40dd605ff4ee8c349d6b8f94327f2

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A., Zeira, Assaf; D., Chowdhury, Devasish; S., Hoepfner, Stephanie; S., Liu, Shantang; J., Berson, Jonathan; S.R., Cohen, Sidney R.; R., Maoz, Rivka; J., Sagiv, Jacob	Patterned organosilane monolayers as lyophobic-lyophilic guiding templates in surface self-assembly: monolayer self-assembly versus wetting-driven self-assembly	2009	Langmuir	25	24	13984	14001	10.1021/la902107u	https://www.scopus.com/inward/record.uri?eid=2-s2.0-74049107318&doi=10.1021%2F1a902107u&partnerID=40&md5=264f91469107b517d6823407f4c83f55
G., Choudhury, Gautam; K., Deka, Kandarpa	A note on M/G/1 queue with two phases of service and linear repeated attempts subject to random breakdown	2009	International Journal of Information and Management Sciences	20	4	547	563		https://www.scopus.com/inward/record.uri?eid=2-s2.0-75149170125&partnerID=40&md5=aa7864bac2a1dea5bab7cc7cd0ccd01
B.C., Tripathy, Binod Chandra; B.K., Sarma, Bipul K.	Vector valued double sequence spaces defined by orlicz function	2009	Mathematica Slovaca	59	6	767	776	10.2478/s12175-009-0162-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71949115952&doi=10.2478%2Fs12175-009-0162-z&partnerID=40&md5=9ee846e0856d97b2b146ec2ff2272ec3
U.J., Medhi, Utpal Jyoti; A.K., Talukdar, Anup Kumar; S., Deka, Suresh	Agropotentiality of lime sludge waste from the paper industry	2009	Current Science	97	10	1416	1418		https://www.scopus.com/inward/record.uri?eid=2-s2.0-72249091269&partnerID=40&md5=bbc9615b67e742b09246a557f84b58b0
L., Tadj, Lotfi; G., Choudhury, Gautam	A quorum queueing system with an unreliable server	2009	Applied Mathematics Letters	22	11	1710	1714	10.1016/j.aml.2009.06.009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349097962&doi=10.1016%2Fj.aml.2009.06.009&partnerID=40&md5=f5822b862602e920c59a2e0825ed2ce2
G., Choudhury, Gautam; K., Deka, Kandarpa	An MX/G/1 unreliable retrial queue with two phases of service and Bernoulli admission mechanism	2009	Applied Mathematics and Computation	215	3	936	949	10.1016/j.amc.2009.06.015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-69249203502&doi=10.1016%2Fj.amc.2009.06.015&partnerID=40&md5=6cfc2e53c0a25e342467caf3bba1f863
M., Kalita, Mahendra; G.K., Sarmah, Gautam Kumar; M.N., Bora, Mohendra Nath; B., Das, Biswanath; J., Kotoky, Jibon	Molecular and crystal structure of an isoflavonoid, 5, 7, 4'-trihydroxy-6, 3'-diprenylisoflavone from Cudrania javanensis	2009	Indian Journal of Chemistry - Section B Organic and Medicinal Chemistry	48	9	1324	1328		https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350028321&partnerID=40&md5=d046932a46e7a166171d7bccdbe352e5
G., Choudhury, Gautam; J., Ke, Jauchuan; L., Tadj, Lotfi	The N-policy for an unreliable server with delaying repair and two phases of service	2009	Journal of Computational and Applied Mathematics	231	1	349	364	10.1016/j.cam.2009.02.101	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349126495&doi=10.1016%2Fj.cam.2009.02.101&partnerID=40&md5=12e7ca3f70fad59e0978478f9cd334ac
B.C., Tripathy, Binod Chandra; B., Hazarika, Bipan	Paranorm I-convergent sequence spaces	2009	Mathematica Slovaca	59	4	485	494	10.2478/s12175-009-0141-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-73449093483&doi=10.2478%2Fs12175-009-0141-4&partnerID=40&md5=ff9233a0282e76f3b2d7cf9fe8e74b87

N.C., Adhikary, Nirab Chandra; M.K., Deka, Manoj Kr; H., Bailung, Heremba	Observation of rarefactive ion acoustic solitary waves in dusty plasma containing negative ions	2009	Physics of Plasmas	16	6			10.1063/1.3140040	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650484917&doi=10.1063%2F1.3140040&partnerID=40&md5=60ae499d4c1700a5ebd7fa54b20074ca
A.R., Pal, A. R.; R.L., Bruce, Robert L.; F., Weinboeck, Florian; S.U., Engelmann, Sebastian U.; T.C., Lin, T. C.; M., Kuo, Mingshu; R.J., Phaneuf, Raymond J.; G.S., Oehrlein, Gottlieb S.	Real-time studies of surface roughness development and reticulation mechanism of advanced photoresist materials during plasma processing	2009	Journal of Applied Physics	105	1			10.1063/1.3055268	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649755935&doi=10.1063%2F1.3055268&partnerID=40&md5=6d0bcebe6cc67fd506a576e888312a65
R., Nath, Ramesh; D., Devi, Dipali	Venation pattern and shape variation in wing of <i>Antheraea assamensis</i> (Lepidoptera: Saturniidae) of Assam, India	2009	International Journal of Tropical Insect Science	29	2	70	78	10.1017/S1742758409990075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-69849088916&doi=10.1017%2F51742758409990075&partnerID=40&md5=f010a7ec5287e885c3f712d0e6bb3e1f
R., Saikia, Rubul; P., Boruah, Paran; R.K., Samanta, Ramkrishna K.	Microbial degumming of decorticated ramie and its fibre characteristics	2009	Indian Journal of Fibre and Textile Research	34	2	187	190		https://www.scopus.com/inward/record.uri?eid=2-s2.0-67749113404&partnerID=40&md5=f956fbe98e6d1650739096c64b818272
G., Choudhury, Gautam; L., Tadj, Lotfi	An M/G/1 queue with two phases of service subject to the server breakdown and delayed repair	2009	Applied Mathematical Modelling	33	6	2699	2709	10.1016/j.apm.2008.08.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-60249094955&doi=10.1016%2Fj.apm.2008.08.006&partnerID=40&md5=8676b16113de19cd4474e21278c70b40
H., Kakati, Hemen; A.R., Pal, Arup R.; H., Bailung, Heremba; J., Chutia, Joyanti	Deposition of nanostructured crystalline and corrosion resistant alumina film on bell metal at low temperature by rf magnetron sputtering	2009	Applied Surface Science	255	16	7403	7407	10.1016/j.apsusc.2009.04.008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349212627&doi=10.1016%2Fj.apsusc.2009.04.008&partnerID=40&md5=ea94ee252bfd35b861da65166c88b91c
D.J., Groh, David J.; R., Pandey, Ravindra; M.B., Sahariah, Munima Bora; É., Amzallag, Émilie; I., Baraille, I.; M., Rérat, Michel	First-principles study of the optical properties of BeO in its ambient and high-pressure phases	2009	Journal of Physics and Chemistry of Solids	70	5	789	795	10.1016/j.jpcs.2009.03.013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349215693&doi=10.1016%2Fj.jpcs.2009.03.013&partnerID=40&md5=1294af9f130e506bf80ff2246246a24e
D., Chowdhury, Devasish	Combination of self-assembly and nanolithography as an effective nanofabrication methodology for device realization	2009	Current Science	96	7	923	932		https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349115515&partnerID=40&md5=ed6d7e35ec54442bdf9a52c3a542cdb1
A., Baishya, Anjali; S., Bordoloi, Sabitry	Ichthyofaunal diversity, socio-economic status of fisher community, gears used and techniques of fish catch in the beels of Hajo, Kamrup District, Assam	2009	International Journal of Ecology and Environmental Sciences	35	1	77	90		https://www.scopus.com/inward/record.uri?eid=2-s2.0-70349472848&partnerID=40&md5=acb7fe89f70490cfdc91a3e9bfd12e5
G., Choudhury, Gautam	An M/G/1 retrial queue with an additional phase of second service and general retrial times	2009	International Journal of Information and Management Sciences	20	1	1	14		https://www.scopus.com/inward/record.uri?eid=2-s2.0-63549087797&partnerID=40&md5=780c070f2c4d963ada55e7ce33bcca78
M., Kalita, Mukut; K.G., Bhattacharyya, Krishna G.; A., Devi, Arundhuti	Assessment of oil field soil with special reference to the presence of heavy metals: A case study in agricultural soil at Rudrasagar Oil Field, Assam	2009	Indian Journal of Environmental Protection	29	12	1065	1071		https://www.scopus.com/inward/record.uri?eid=2-s2.0-75349096857&partnerID=40&md5=dc0fe386376b2ff51f051d79b102f3e5

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P., Chetri, Prafulla; N.S., Sarma, Neelotpal Sen; N., Dass, Narendranath	Synthesis and characterization of poly-1,3-dimethyloldiacrylate propane-2-ol and its use as foam	2009	Asian Journal of Chemistry	21	6	4612	4616		https://www.scopus.com/inward/record.uri?eid=2-s2.0-69749127737&partnerID=40&md5=295a92d159226031ecf6cabb502e8764
G., Choudhury, Gautam; S., Kalita, Sangeeta	A two-phase queueing system with repeated attempts and Bernoulli vacation schedule	2009	International Journal of Operational Research	5	4	392	407	10.1504/IJOR.2009.025700	https://www.scopus.com/inward/record.uri?eid=2-s2.0-66749083287&doi=10.1504%2FIJOR.2009.025700&partnerID=40&md5=3b152e1f15ef0eaf8efb3e675b273686