

Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	DOI	Link
H., Deka, Himangshu; T., Barman, Tupu; P.P., Sarmah, Podma Pollov; A., Devi, Arundhuti; P., Tamuly, Pradip; T., Karak, Tanmoy	Impact of processing method on selected trace elements content of green tea: Does CTC green tea infusion possess risk towards	2021	Food Chemistry : X	12		100173			10.1016/j.fochx.2021.100173	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120380068&doi=10.1016%2Fj.fochx.2021.100173&partnerID=40&md5=fdd56f173a334a2915c40310d33910a4
S., Rahman, Sazzadur; A., Konwar, Achyut; G., Majumdar, Gitanjali; D., Chowdhury, Devasish	Guar gum-chitosan composite film as excellent material for packaging application	2021	Carbohydrate Polymer Technologies and Applications	2		100158			10.1016/j.carpta.2021.100158	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120399744&doi=10.1016%2Fj.carpta.2021.100158&partnerID=40&md5=53957c216f009f2670dfd6377b82efe6
P., Bhagowati, Purbajyoti; U., Saikia, Ujjal; M.B., Sahariah, Munima Bora	Low-energy structures and electronic properties of small titanium nitride nanoclusters	2021	Nanotechnology	32	50	505718			10.1088/1361-6528/ac291b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118223033&doi=10.1088%2F1361-6528%2Fac291b&partnerID=40&md5=147d7f4b687290d3aa864a9680d56630
T., Kashyap, Trishamoni; S., Biswas, Sritam; S., Ahmed, Shahnaz; D.J., Kalita, Dhruva Jyoti; P., Nath, Pabitra; B., Choudhury, Biswajit	Plasmon activation versus plasmon quenching on the overall photocatalytic performance of Ag/Au bimetal decorated g-C ₃ N ₄ nanosheets under	2021	Applied Catalysis B: Environmental	298		120614			10.1016/j.apcatb.2021.120614	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112847918&doi=10.1016%2Fj.apcatb.2021.120614&partnerID=40&md5=540505aadd9d0dd6238e416bd7e86580
B., Kibler, Bertrand; A., Chabchoub, Amin; H., Bailung, Heremba	Editorial: Peregrine Soliton and Breathers in Wave Physics: Achievements and Perspectives	2021	Frontiers in Physics	9		795983			10.3389/fphy.2021.795983	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121335016&doi=10.3389%2Ffphy.2021.795983&partnerID=40&md5=5cf50f6f8f200a4f4ec6e47d232242c2
S., Gam, Sameeran; D., Deka, Dhiren; B., Das, Biswajit; D., Sarma, Dhruvajyoti; S., Kumar, Suman; S., Kushari, Susankar; A., Saikia, Arundhati; H., Sarma, Himangshu	Ethnobotanical Review of Medicinal Plants Used Against Diarrhea and Dysentery in Northeast India (Assam)	2021	Current Traditional Medicine	7		e291021197463			10.2174/2215083807666211029104102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125637449&doi=10.2174%2F2215083807666211029104102&partnerID=40&md5=f88491a0d75842ceba29741b6d177d7f
S., Bhattacharjee, Swarnali; R. Devi	A Comprehensive Review of <i>Garcinia pedunculata</i> Roxb. and its Therapeutic Potential	2021	Mini-Reviews in Medicinal Chemistry	21	20		3113	3143	10.2174/1389557521666210217094152	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123646501&doi=10.2174%2F1389557521666210217094152&partnerID=40&md5=98bc67165574155fa93f7a5a4c0512f
B., Chutia, Bidyut; T., Deka, Tonuj; Y., Bailung, Yoshiko; D., Sharma, Devabrat; S.K., Sharma, Sumita K.; H., Bailung, Heremba	Spatiotemporal evolution of a self-excited dust density wave in a nanodusty plasma under strong Havnes effect	2021	Physics of Plasmas	28	12	123702			10.1063/5.0075125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122191193&doi=10.1063%2F5.0075125&partnerID=40&md5=91b0883d4c6edc65f1f3ee288c8f82b

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D., Gogoi, Deepshikha; S., Podder, Santanu; J., Bora, Jyotisman; S.K., Biswasi, Sweetey K.; A.R., Pal, Arup R.	A hybrid system for plasmonic and surface polarization induced pyro-phototronic harvesting of light	2021	Optical Materials	122		111733			10.1016/j.optmat.2021.111733	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117812655&doi=10.1016%2Fj.optmat.2021.111733&partnerID=40&md5=985e555fa78ff186119a89a18857a45b
B., Kashyap, Bhaswati; S.R., Barge, Sagar Ramrao; S., Bharadwaj, Simanta; B., Deka, Barsha; S., Rahman, Seydur; A., Ghosh, Aparajita; P., Manna, Prasenjit; P.P., Dutta, Partha Pratim; Y., Sheikh, Yunus; R., Kandimalla, Raghuram	Evaluation of therapeutic effect of <i>Premna herbacea</i> in diabetic rat and isoverbascoide against insulin resistance in L6 muscle cells through	2021	Phytomedicine	93		153761			10.1016/j.phymed.2021.153761	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117805494&doi=10.1016%2Fj.phymed.2021.153761&partnerID=40&md5=3b70739e47eef02069bd0cdf879a5088
B., Kalita, Bhargab; A.J., Saviola, Anthony J.; S.P., Samuel, Stephen Paul; A.K., Mukherjee, Ashis Kumar	State-of-the-art review - A review on snake venom-derived antithrombotics: Potential therapeutics for COVID-19-associated thrombosis?	2021	International Journal of Biological Macromolecules	192			1040	1057	10.1016/j.ijbiomac.2021.10.015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117187873&doi=10.1016%2Fj.ijbiomac.2021.10.015&partnerID=40&md5=71c312e3b4eec7a6c723032379008d71
T., Bhattacharjee, Tuhin; M., Islam, Mirjufa; D., Chowdhury, Devasish; G., Majumdar, Gitanjali	In-situ generated carbon dot modified filter paper for heavy metals removal in water	2021	Environmental Nanotechnology, Monitoring and	16		100582			10.1016/j.enmm.2021.100582	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116530682&doi=10.1016%2Fj.enmm.2021.100582&partnerID=40&md5=0775a198b53861aa54a51a8cbfe39504
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I., Hazarika, Indranee; K.J., Goswami, K. J.; A.A., Hussain, Amreen Ara; T., Kalita, Tapash; N.S., Sarma, Neelotpal Sen; B., Gogoi, Bedanta	Silk fibroin protein as dual mode picric acid sensor and UV photoactive material	2021	Journal of Materials Science	56	34		18959	18975	10.1007/s10853-021-06506-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115145690&doi=10.1007%2Fs10853-021-06506-9&partnerID=40&md5=e30b0ed872590c334ccbd77ef6c54b37
J., Dutta, Jintu; D., Thakur, Debajit	Diversity of culturable bacteria endowed with antifungal metabolites biosynthetic characteristics associated with tea rhizosphere soil	2021	BMC Microbiology	21	1	216			10.1186/s12866-021-02278-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110289624&doi=10.1186%2Fs12866-021-02278-z&partnerID=40&md5=44b8df510bad105d7bdc0170cb358fbd
A., Bhattacharya, Anupam; S., Champramary, Simang; T., Tripathi, Tanya; D., Thakur, Debajit; I.P., Ioshikhes, Ilya P.; S.K., Singh, Satyendra Kumar; S., Nandi, Soumyadeep	Identification of the conserved long non-coding RNAs in myogenesis	2021	BMC Genomics	22	1	336			10.1186/s12864-021-07615-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105577957&doi=10.1186%2Fs12864-021-07615-0&partnerID=40&md5=c59161b902fe750da15190ab018befc5

A.K., Borah, Anuj Kumar; P., Sharma, Pranamika; A., Singh, Archana; K.J., Kalita, Kangkan Jyoti; S., Saha, Sougata; J.C., Borah, Jagat Chandra	Adipose and non-adipose perspectives of plant derived natural compounds for mitigation of obesity	2021	Journal of Ethnopharmacology	280		114410			10.1016/j.jep.2021.114410	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111276517&doi=10.1016%2Fj.jep.2021.114410&partnerID=40&md5=bc9c3fcd89a02c71ecfccd82d5d38d9b
H.J., Bora, Hridoy Jyoti; P., Barman, Pranjal; S., Bordoloi, Sushanta; G., Gogoi, Gautomi; B., Gogoi, Bedanta; N.S., Sarma, Neelotpal Sen; A., Kalita, Anamika	Correction: Realization of multi-configurable logic gate behaviour on fluorescence switching signalling of naphthalene diimide congeners	2021	RSC Advances	11	58		36781		10.1039/d1ra90169a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120537750&doi=10.1039%2Fd1ra90169a&partnerID=40&md5=50373390454fa1234f0e96c0080c0daa
S., Pandit, Subhankar; S., Kundu, Sarathi	Fluorescence quenching and related interactions among globular proteins (BSA and lysozyme) in presence of titanium dioxide nanoparticles	2021	Colloids and Surfaces A: Physicochemical	628		127253			10.1016/j.colsurfa.2021.127253	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111817192&doi=10.1016%2Fj.colsurfa.2021.127253&partnerID=40&md5=e284f6fb27f70d9568ead3b480eaf83f
S., Das, Santu; S., Saha, Sunanda	A transit through the trapping and blocking of flexural-gravity wave: Impact of two-dimensional current and in-plane compression	2021	Physics of Fluids World	33	11	116603			10.1063/5.0066115	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118869974&doi=10.1063%2F5.0066115&partnerID=40&md5=50e8cae97d9a8d50fe08f9737a69318a
C., Malakar, Chandana; K.N., Patowary, Kaustuvmani N.; S., Deka, Suresh; M.C., Kalita, Mohan Chandra	Synthesis, characterization, and evaluation of antibacterial efficacy of rhamnolipid-coated zinc oxide nanoparticles	2021	Journal of Microbiology and Biotechnology	37	11	193			10.1007/s11274-021-03160-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117304679&doi=10.1007%2Fs11274-021-03160-w&partnerID=40&md5=281da1301ef493cd20ef4f3cae5237d
P., Saha, Payal; M.B., Sahariah, Munima Bora	Collinear magnetism and spin-orbit coupling in Mn2PtSn	2021	Journal of Physics D: Applied Physics	54	45	455301			10.1088/1361-6463/ac1bd4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114423686&doi=10.1088%2F1361-6463%2Fac1bd4&partnerID=40&md5=4161a8df8594fed592e682a328ef430d
S.K., Dutta, Subrat K.; S., Saikia, Sudarshan; A., Barman, Abhilasa; R., Roy, Ritumoni; K., Bora, Kangkana; L.B., Mahanta, Lipi B.; R., Suresh, R.	Study on enhanced deep learning approaches for value-added identification and segmentation of striation marks in bullets for	2021	Applied Soft Computing	112		107789			10.1016/j.asoc.2021.107789	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112486955&doi=10.1016%2Fj.asoc.2021.107789&partnerID=40&md5=2d8c239e7afcbde6d47222a32abec313
J., Bora, Jyotisman; S., Podder, Santanu; D., Gogoi, Deepshikha; B., Basumatary, Bablu; A.R., Pal, Arup R.	An all metal nitride nanostructure configuration: Study and exploitation in efficient photo-detection	2021	Journal of Alloys and Compounds	879		160460			10.1016/j.jallcom.2021.160460	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106614123&doi=10.1016%2Fj.jallcom.2021.160460&partnerID=40&md5=39b4f573c824932ab133575f28231c98
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S., Sarkar, Sanu; S., Kundu, Sarathi	Structure and morphology of adsorbed protein (BSA) layer on hydrophilic silicon surface in presence of mono-, di- and tri-valent ions	2021	JCIS Open	3		100016			10.1016/j.jciso.2021.100016	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122395912&doi=10.1016%2Fj.jciso.2021.100016&partnerID=40&md5=94b62b396cf1e1be12da8c685c3d39d2c
S.N., Hazarika, Shabiha Nudrat; K., Saikia, Kangkon; A., Borah, Atlanta; D., Thakur, Debajit	Prospecting Endophytic Bacteria Endowed With Plant Growth Promoting Potential Isolated From <i>Camellia sinensis</i>	2021	Frontiers in Microbiology	12		738058			10.3389/fmicb.2021.738058	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117092722&doi=10.3389%2Fmicb.2021.738058&partnerID=40&md5=78f2d0f59e36f8492ce0b41080efbfb2
B., Das, Bhabana; A.J., Saviola, Anthony J.; A.K., Mukherjee, Ashis Kumar	Biochemical and Proteomic Characterization, and Pharmacological Insights of Indian Red Scorpion Venom Toxins	2021	Frontiers in Pharmacology	12		710680			10.3389/fphar.2021.710680	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116860716&doi=10.3389%2Ffphar.2021.710680&partnerID=40&md5=09c22b4db80df93102ed215f731fe460
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H.J., Bora, Hridoy Jyoti; N.S., Sarma, Neelotpal Sen; A., Kalita, Anamika	Selective dual adsorption performance of hexagonal porous metal-organic framework rods towards CO ₂ gas and organic dye	2021	New Journal of Chemistry	45	34		15280	15284	10.1039/d1nj03105h	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114209141&doi=10.1039%2Fd1nj03105h&partnerID=40&md5=fdaa2e1c12b2baaa977aa326bf8242f9
V., Singh, Vikrant; A., Dogra, Ashima; J., Das, Joydeep; P., Manna, Prasenjit; N., Gupta, Neeraj	Brønsted acid functionalized carbon catalyst for synthesis of biologically active coumarin-substituted bis(indolyl)methanes	2021	FlatChem	29		100279			10.1016/j.flatc.2021.100279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122796843&doi=10.1016%2Fj.flatc.2021.100279&partnerID=40&md5=613656af17d5cf810481cfba21916815
A.K., Mukherjee, Ashis Kumar; S.P., Mackessy, Stephen P.	Prevention and improvement of clinical management of snakebite in Southern Asian countries: A proposed road map	2021	Toxicon	200			140	152	10.1016/j.toxicon.2021.07.008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111217957&doi=10.1016%2Fj.toxicon.2021.07.008&partnerID=40&md5=cb935e69e8fc1275783d50e42d3dcd0

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L., Bhattacharya, Labanya; G., Gogoi, Gautomi; S., Sharma, S.; A., Brown, Alex; S., Sahu, Sridhar	Promising small molecule Pechmann dye analogue donors with low interfacial charge recombination for photovoltaic application:	2021	Materials Today Communications	28		102555		10.1016/j.mtcomm.2021.102555	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108829297&doi=10.1016%2Fj.mtcomm.2021.102555&partnerID=40&md5=15862e21e32e3978c04c3af660179668
B., Kalita, Bandita; P., Dutta, Priyanka; N.S., Sarma, Neelotpal Sen	Riboflavin based conjugated biomolecule for ultrasensitive detection of nitrophenols	2021	RSC Advances	11	45		28313	28319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114731336&doi=10.1039%2Fd1ra04403f&partnerID=40&md5=c74205ff835f9334611aa11a331b4a08
S., Kundu, Sarathi	Semi-reversible collapse of preformed cobalt stearate Langmuir monolayer on water surface	2021	Journal of Molecular Structure	1238		130414		10.1016/j.molstruc.2021.130414	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104451723&doi=10.1016%2Fj.molstruc.2021.130414&partnerID=40&md5=46a9a13d730e633f3a89161472dc1c0c
B., Boro, Birbaishri; A.N., Dev, Apul Narayan; B.K., Saikia, Bipul Kumar; N.C., Adhikary, Nirab Chandra	Nonlinear ion acoustic solitary wave in collisional pair ion plasma with trapped electrons	2021	European Physical Journal Plus	136	8	831		10.1140/epjp/s13360-021-01820-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112371185&doi=10.1140%2Fepjp%2Fs13360-021-01820-2&partnerID=40&md5=7a9a27b32fef3865a720991d36f941aa
A., Patra, Aparup; M., Herrera, María; J.M.F., Gutiérrez, José María Fernandez; A.K., Mukherjee, Ashis Kumar	The application of laboratory-based analytical tools and techniques for the quality assessment and improvement of	2021	Drug Testing and Analysis	13	8		1471	1489	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107967798&doi=10.1002%2Fdta.3108&partnerID=40&md5=ce161cab139718831151e7e73395faac
S., Sau, Sanjib; S., Pandit, Subhankar; S., Kundu, Sarathi	Crosslinked poly (vinyl alcohol): Structural, optical and mechanical properties	2021	Surfaces and Interfaces	25		101198		10.1016/j.surfin.2021.101198	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107826780&doi=10.1016%2Fj.surfin.2021.101198&partnerID=40&md5=d17b82658cc7f2f05dc083e0e7d4c5ff
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S., Sen, Suparna; S.N., Borah, Siddhartha Narayan; H., Sarma, Hemen; A., Bora, Arijit; S., Deka, Suresh	Utilization of distillers dried grains with solubles as a cheaper substrate for sophorolipid production by Rhodotorula babjevae YS3	2021	Journal of Environmental Chemical Engineering	9	4	105494		10.1016/j.jece.2021.105494	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105712152&doi=10.1016%2Fj.jece.2021.105494&partnerID=40&md5=ebc9e62d4971ef341a438f635a570f0f

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K., Sharma, Khanindra; M., Goswami, Madhurankhi; M., Shadab, Mo; N.S., Sarma, Neelotpal Sen; A., Devi, Arundhuti	Treatment of paper mill effluent via electrochemical reaction and assessment of antibacterial activity of ZnO nanoparticles in in-Green synthesis of gold nanoparticles using an antiepileptic plant extract:in vitrobiological and photo-catalytic activities	2021	Chemical Papers	75	8		3921	3929	10.1007/s11696-021-01612-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103680226&doi=10.1007%2Fs11696-021-01612-z&partnerID=40&md5=b09818db6064a4c01d8d346cd2720cd2
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K., Phukan, Kabyashree; R. Devi, D., Chowdhury, Devasish	Green Synthesis of Gold Nano-bioconjugates from Onion Peel Extract and Evaluation of Their Antioxidant, Anti-inflammatory, and Dietary flavonoids: Cardioprotective potential with antioxidant effects and their pharmacokinetic, toxicological and	2021	ACS Omega	6	28		17811	17823	10.1021/acsomega.1c00861	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111238167&doi=10.1021%2Facsomega.1c00861&partnerID=40&md5=1eb844ba1577a4380d341f05c69093c9
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H.J., Bora, Hridoy Jyoti; P., Barman, Pranjal; N.S., Sarma, Neelotpal Sen; A., Kalita, Anamika		2021	ACS Applied Electronic Materials	3	6		2720	2728	10.1021/acsaem.1c00292	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108383649&doi=10.1021%2Facsaelm.1c00292&partnerID=40&md5=7094e4811025b908e7ee28577e748a48
D.D., Jade, Dhananjay D.; S., Ayyamperumal, Selvaraj; V., Tallapaneni, Vyshnavi; C.M., Joghee Nanjan, Chandrasekar Moola; S.R., Barge, Sagar Ramrao; S., Mohan, Surrender; M.J., Nanjan, Moola Joghee		2021	European Journal of Pharmacology	901		174082			10.1016/j.ejphar.2021.174082	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103930131&doi=10.1016%2Fj.ejphar.2021.174082&partnerID=40&md5=56903bf32a8d45472438c5d158eace6e

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P.P., Sarma, Partha Pratim; N., Gurumayum, Nonibala; A.K., Verma, Akalesh Kumar; R. Devi	A pharmacological perspective of banana: Implications relating to therapeutic benefits and molecular docking	2021	Food and Function	12	11		4749	4767	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107855654&doi=10.1039%2Fd1fo00477h&partnerID=40&md5=22f6e43a6d2f323f9a3bb327a0109aca
T., Kashyap, Trishamoni; P.J., Boruah, Palash Jyoti; H., Bailing, Heremba; D., Sanyal, Dirtha; B., Choudhury, Biswajit	Simultaneous layer exfoliation and defect activation in g-C ₃ N ₄ nanosheets with air-water interfacial plasma: spectroscopic defect	2021	Nanoscale Advances	3	11		3260	3271	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107455021&doi=10.1039%2Fd1na00098e&partnerID=40&md5=6822191cb082e3600ab72e3a4b7c8035
S., Mishra, Subhadra; S., Saha, Sunanda; S., Das, Santu; S.N., Bora, Swaroop Nandan	Reflection and damping of linear water waves by a multi-porosity vertical porous structure placed on a step-type raised seabed	2021	Marine Systems and Ocean Technology	16	2		142	156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109756389&doi=10.1007%2Fs40868-021-00101-y&partnerID=40&md5=587fb0cd519c82ff083a581725d076b7
B., Chutia, Bidyut; T., Deka, Tonuj; Y., Bailing, Yoshiko; S.K., Sharma, Sumita K.; H., Bailing, Heremba	A nanodusty plasma experiment to create extended dust clouds using reactive argon acetylene plasmas	2021	Physics of Plasmas	28	6	63703		10.1063/5.0037176	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108876917&doi=10.1063%2F5.0037176&partnerID=40&md5=845f21aaf980ebbd3ea5519c0648278
B., Boro, Birbaishri; A.N., Dev, Apul Narayan; R., Sarma, Ridip; B.K., Saikia, Bipul Kumar; N.C., Adhikary, Nirab Chandra	Dust-Ion-Acoustic Solitary Wave Structure in Magnetized Plasma with Nonthermally Distributed Electrons and Positrons	2021	Plasma Physics Reports	47	6		557	567	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108186941&doi=10.1134%2FS1063780X21060039&partnerID=40&md5=10db29902d13f1024ce3ca5d00cbd2f7
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S., Sarkar, Suman; B.K., Sah, Bijay Kumar; S., Kundu, Sarathi	Modification of polymer thin film-coated metallic layer inside acid solutions	2021	Bulletin of Materials Science	44	2	91		10.1007/s12034-021-02385-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104235671&doi=10.1007%2Fs12034-021-02385-7&partnerID=40&md5=5d51692bdc4846267f8bc216bfa6566b
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S.B., Gohain, Sonali Borpatra; S., Bordoloi, Sabitry	Impact of municipal solid waste disposal on the surface water and sediment of adjoining wetland Deepor Beel in Guwahati, Assam, India	2021	Environmental Monitoring and Assessment	193	5	278			10.1007/s10661-021-09040-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104474963&doi=10.1007%2Fs10661-021-09040-y&partnerID=40&md5=b458d2c2a4c72454c47357b7f7c11d96
L.B., Mahanta, Lipi B.; E., Hussain, Elima; N., Das, Navarun; L., Kakoti, Lopamudra; M., Chowdhury, Manish	IHC-Net: A fully convolutional neural network for automated nuclear segmentation and ensemble classification for Allred scoring in	2021	Applied Soft Computing	103		107136			10.1016/j.asoc.2021.107136	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100302413&doi=10.1016%2Fj.asoc.2021.107136&partnerID=40&md5=6de050d53c31895f97914b13d4aecd74
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A., Patra, Aparup; A.K., Mukherjee, Ashis Kumar	Assessment of snakebite burdens, clinical features of envenomation, and strategies to improve snakebite management in Vietnam	2021	Acta Tropica	216		105833			10.1016/j.actatropica.2021.105833	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100408428&doi=10.1016%2Fj.actatropica.2021.105833&partnerID=40&md5=935d53fd1da2a962cc2b4d30a734adf9
R.J., Sarmah, Raktim Jyoti; S., Kundu, Sarathi	Structure, morphology and reversible hysteresis nature of human serum albumin (HSA) monolayer on water surface	2021	International Journal of Biological Macromolecules	174			377	384	10.1016/j.ijbiomac.2021.01.131	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100420500&doi=10.1016%2Fj.ijbiomac.2021.01.131&partnerID=40&md5=9a36e682306d94d407414ef9a3be03bb
H., Deka, Himangshu; P.P., Sarmah, Podma Pollov; A., Devi, Arundhuti; P., Tamuly, Pradip; T., Karak, Tanmoy	Changes in major catechins, caffeine, and antioxidant activity during CTC processing of black tea from North East India	2021	RSC Advances	11	19		11457	11467	10.1039/d0ra09529j	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103211762&doi=10.1039%2Fd0ra09529j&partnerID=40&md5=7f08c41fe61dd22ff23eb4389ecae0c4
K., Barman, Kailash; P., Dutta, Prantu; D., Chowdhury, Devasish; P.K., Baruah, Pranjal K.	Green Biosynthesis of Copper Oxide Nanoparticles Using Waste Colocasia esculenta Leaves Extract and Their Application as	2021	BioNanoScience	11	1		189	199	10.1007/s12668-021-00826-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100245305&doi=10.1007%2Fs12668-021-00826-5&partnerID=40&md5=854d8b0f25395bf60f03b0133abedd0c

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S., Upadhyaya, Samiran; B., Gogoi, Bedanta; N.S., Sarma, Neelotpal Sen	Poly(n-vinylpyrrolidone-co-acrylonitrile-co-methacrylic acid)-graphene quantum dot conjugate: synthesis and characterization for	2021	Journal of Materials Chemistry C	9	6		2165	2177	10.1039/d0tc04912c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101510622&doi=10.1039%2Fd0tc04912c&partnerID=40&md5=fb76db0e36b12aaf615c1ffec317c2b4
R., Borah, Rajiv; G.C., Ingavle, Ganesh C.; A.V., Kumar, Ashok V.; S.R., Sandeman, Susan R.; S., Mikhailovsky, S.	Surface-Functionalized Conducting Nanofibers for Electrically Stimulated Neural Cell Function	2021	Biomacromolecules	22	2		594	611	10.1021/acs.biomac.0c01445	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099946406&doi=10.1021%2Facs.biomac.0c01445&partnerID=40&md5=2fde2115159e958296263993469d5e92
S., Podder, Santanu; B., Basumatary, Bablu; D., Gogoi, Deepshikha; J., Bora, Jyotisman; A.R., Pal, Arup R.	Pyro-phototronic application in the Au/ZnO interface for the fabrication of a highly responsive ultrafast UV photodetector	2021	Applied Surface Science	537		147893			10.1016/j.apsusc.2020.147893	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091112846&doi=10.1016%2Fj.apsusc.2020.147893&partnerID=40&md5=75b3a7e250d532a00850622bf874d230
P., Choudhury, Paramita; K.N., Dutta, Krishna Nayani; P.K., Deb, P. K.; N.C., Talukdar, Narayan Chandra; S.K., Samanta, Suman Kumar; R. Devi	Quantitative analysis of bio-active phytochemical(s) in selected scented rice varieties (<i>Oryza sativa</i>) reveals its intake towards	2021	Indian Journal of Traditional Knowledge	20	1		210	220	10.56042/IJTK.V20I1.27368	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127072899&doi=10.56042%2FIJTK.V20I1.27368&partnerID=40&md5=eecb0f98d696fa6adac9b53ca1e5467
B., Chutia, Bidyut; S.K., Sharma, Sumita K.; H., Bailung, Heremba	Observation and Characterization of Cyclic Particle Growth Process in rf Discharge of Ar-C2H2 Gas Mixture	2021	Springer Proceedings in Physics	265			235	241	10.1007/978-981-16-5141-0_24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122537241&doi=10.1007%2F978-981-16-5141-0_24&partnerID=40&md5=2480ae0a031292926e627119a4dbf7b1
P.J., Boruah, Palash Jyoti; H., Bailung, Heremba	Solar Light-Driven Photocatalytic Activity of CuO Nanospindles Synthesised Via Plasma-Liquid Interaction	2021	Springer Proceedings in Physics	269			99	106	10.1007/978-981-16-5407-7_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120049007&doi=10.1007%2F978-981-16-5407-7_13&partnerID=40&md5=17e148636204b2c1a33ca70725451119
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C., Gautam, Choudhury; K., Priyanka, Kalita; S., Dharmaraja, Selvamuthu	Analysis of a model of batch arrival single server queue with random vacation policy	2021	Communications in Statistics - Theory and Methods	50	22		5314	5357	10.1080/03610926.2020.1728329	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116347201&doi=10.1080%2F03610926.2020.1728329&partnerID=40&md5=85ad033070535cf74a69e5d4f363a553

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B., Barua, Barun; G., Chyrmang, Genevieve; K., Bora, Kangkana; R., Suresh, R.; L.B., Mahanta, Lipi B.	2D Image Stitching to Generate a Film of Fired Bullets	2021	Lecture Notes in Networks and Systems	170 LNNS		327	335	10.1007/978-981-33-4084-8_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104715992&doi=10.1007%2F978-981-33-4084-8_31&partnerID=40&md5=a52fafd323cbc1347f34d4242e401ec2
J., Upadhyay, Jnanendra; T.M., Das, Trishna Moyi; R., Borah, Rajiv	Electrochemical performance study of polyaniline and polypyrrole based flexible electrodes	2021	International Journal of Polymer Analysis and	26	4	354	363	10.1080/1023666X.2021.1891799	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104305082&doi=10.1080%2F1023666X.2021.1891799&partnerID=40&md5=243a560479fb83894dc653d508cbcd7e
S.C., Barman, Sunil Chandra; S., Das, Santu; T., Sahoo, Trilochan; M.H., Meylan, Michael H.	Scattering of flexural-gravity waves by a crack in a floating ice sheet due to mode conversion during blocking	2021	Journal of Fluid Mechanic	916	A11			10.1017/jfm.2021.200	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103742428&doi=10.1017%2Fjfm.2021.200&partnerID=40&md5=aac68da6d503327b7517e66a06b1e6a8
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M.J., Das, Manas Jyoti; L.B., Mahanta, Lipi B.	Multiscale Anisotropic Morlet Wavelet for Texture Classification of Interstitial Lung Diseases	2021	Advances in Intelligent Systems and Computing	1133		1187	1198	10.1007/978-981-15-3514-7_88	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090539001&doi=10.1007%2F978-981-15-3514-7_88&partnerID=40&md5=4c528c020f215be50389e5244f12d57e
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