

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years



ACHARYA NARENDRA DEV COLLEGE

UNIVERSITY OF DELHI

DBT STAR STATUS COLLEGE

All India NIRF 2022 Ranking-18, NAAC Score-3.31

Govindpuri, Kalkaji, New Delhi 110019

3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year wise during the last five years



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CRITERIA 3- RESEARCH, INNOVATIONS AND EXTENSION

Supporting Document for 3.3.1

3.3.1 **Number of research papers published per teacher in the Journals notified on UGC care list during the last five years**

3.3.1.1. **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

Input :

2021-22	2020-21	2019-20	2018-19	2017-18
74	54	33	29	21

Attached documents are :

1. PDF File

- Excel file containing the link for paper landing to the paper/article indicating the data template against each paper about the presence of the paper in the UGC CARE list, Scopus, Web of Science.
- The link to the journal website.

3.3.1 Number of papers published per teacher in the Journals notified on UGC website during the last five years (5)

Title of paper	Name of the author/s	Department of the teacher	Name of Journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi)	Link to paper/ abstract of the article	Provide the link to Journal website	Indicate Journal's Indexing in UGC Care List/Scopus/Web of Science.
One-pot and catalyst-free synthesis of pyrroloquinolinediones and quinolinedicarboxylates	Zhang, X., Dhawan, G., Muthengi, A., Liu, S., Wang, W., Legris, M., & Zhang, W.	Biomedical Science	Green Chemistry	2017	1463-9262	https://doi.org/10.1039/C7GC01380A	https://pubs.rsc.org/en/content/articlelanding/2017/GC/C7GC01380A	https://ml.cariwave.com/search-results?issn=1463-9262&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
A robust replenishment model for deteriorating items considering ramp-type demand and inflation under fuzzy environment	Sharma, A., Sharma, U., & Singh, C.	Mathematics	International Journal of Logistics Systems and Management	2017	17427967	https://doi.org/10.1504/IJLSM.2017.086944	https://www.inderscienceonline.com/doi/abs/10.1504/IJLSM.2017.086944	https://www.scopus.com/sourceid/4700131504	Indexed in UGC Care List and SCOPUS
Supply chain model with two storage facility for stock dependent demand incorporating learning and inflationary effect under crisp and fuzzy environment.	Singh, C., & Singh, S. R.	Mathematics	International Journal of Fuzzy System Applications	2017	2156-177X	https://doi.org/10.4018/IJFSA.2017040105	https://www.ijfai.org/global/gateway/article/179322?pnIRecomMendationForm	https://www.scopus.com/sourceid/21100301444	Indexed in UGC Care List and SCOPUS
Inhibition of gut proteases and development of dengue vector, Aedes aegypti by Allium sativum protease inhibitor	Shamsi, T. N., Parveen, R., Ahmad, A., Samal, R. R., Kumar, S., & Fatima, S.	Zoology	Acta Ecologica Sinica	2017	1872-2032	https://doi.org/10.1016/j.chnes.2018.01.002	https://www.sciencedirect.com/science/article/pii/S1872203217301695	https://ml.cariwave.com/search-results?issn=1872-2032&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
Assessment of Achyranthes aspera induced toxicity and molecular analysis of RAPD-PCR profiles of larval genomic DNA of Aedes aegypti L. (Diptera: Culicidae)	Sharma, A., Kumar, S., & Tripathi, P.	Zoology	Journal of Parasitic Diseases	2017	0971-7196	https://doi.org/10.1007/s12639-017-0935-1	https://link.springer.com/article/10.1007/s12639-017-0935-1	https://ml.cariwave.com/search-results?issn=0971-7196&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
A facile and rapid method for green synthesis of Achyranthes aspera stem extract-mediated silver nanocomposites with tidal potential against Aedes aegypti L. Saudi	Sharma, A., Kumar, S., & Tripathi, P.	Zoology	Saudi Journal of Biological Sciences	2017	1319-562X	https://doi.org/10.1016/j.sjbs.2017.11.001	https://www.sciencedirect.com/science/article/pii/S1319562X17302759	https://ml.cariwave.com/search-results?issn=1319-562X&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
Taxonomic and morphogenetic description of the freshwater ciliate Aponotohymena isoaustralis n. sp. (Ciliophora, Oxytrichidae) isolated from Sanjay lake, Delhi, India.	Gupta, R., Abraham, J. S., Sripoorna, S., Toteja, R., Makhija, S., & El-Shareh, H. A.	Zoology	Acta Protozoologica	2017	0065-1583	https://doi.org/10.1016/j.apro.2017.07.002	https://www.proquest.com/openview/14a333968fe01963b23e8a6861485df/1?pq-origsite=scholar&cbl-1356347	https://ml.cariwave.com/search-results?issn=0065-1583&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
Diversity and abundance of ammonia-oxidizing bacteria and archaea in a freshwater recirculating aquaculture system	Khngembam, C. D., Sharma, J. G., & Chakrabarti, R.	Zoology	Hayati Journal of Biosciences,	2017	2053-9711	https://doi.org/10.1016/j.hib.2017.11.003	https://www.sciencedirect.com/science/article/pii/S1978301917301506	https://ml.cariwave.com/search-results?issn=2053-9711&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List and SCOPUS
Beyond the "Code": a guide to the description and documentation of biodiversity in ciliated protists (Alveolata, Ciliophora)	Warren, A., Patterson, C. J., Dornhaus, W., Camp, J. C., Acemides, Day, U. E. M., Aesch, E., Al-Farraj, S. A., Al-Quraishi, S., Fan, Y., Gao, F., Gao, S., Gong, J., Gupta, R., Hu, X., Kamra, K., Langlois, J., Lin, X., Lipscomb, D., Lobban, C. S., Luperini, P., Lynn, D. H., et al.	Zoology	Journal of eukaryotic Microbiology,	2017	1066-5234	https://doi.org/10.1111/jeu.12391	https://onlinelibrary.wiley.com/doi/10.1111/jeu.12391	https://ml.cariwave.com/search-results?issn=1066-5234&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
Assessment of heavy metal toxicity in four species of freshwater ciliates (Spirotrichea; Ciliophora) from Delhi, India	Abraham, J. S., Sripoorna, S., Choudhary, A., Toteja, R., Gupta, R., Makhija, S., & Warren, A.	Zoology	Current Science	2017	0011-3891	https://www.jstor.org/stable/26494927	https://www.currentscience.ac.in/Volumes/713/13/2141.pdf	https://ml.cariwave.com/search-results?issn=0011-3891&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
Influence of copper and cadmium toxicity on the activity of an antioxidant enzyme, superoxide dismutase in freshwater ciliates	Toteja, R., Makhija, S., Sripoorna, S., Abraham, J. S. & Gupta, R.	Zoology	Indian Journal of Experimental Biology	2017	0019-5189	https://www.nisr.res.in/handle/123456789/42844	https://nopr.nisr.res.in/bitstream/123456789/42844/1/IEJB%2055%2810%29%20694-701.pdf	https://ml.cariwave.com/search-results?issn=0019-5189&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List and Web of Science
Crystal structure of UDP-N-acetylglucosamine-6-phosphate reductase (MurB) from Mycobacterium tuberculosis	Eniyani, K., Dharavath, S., Vijayan, R., Bajpai, U., & Gourinath, S.	Biomedical Science	Biochimica et Biophysica Acta (BBA)-Proteins and Proteomics	2018	15709639	https://doi.org/10.1016/j.bbapap.2017.11.013	https://www.sciencedirect.com/science/article/pii/S1570963917302819?via=ihub	https://ml.cariwave.com/search-results?issn=1570-9639&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List and Web of Science
Isolation and characterization of bacteriophages from India, with lytic activity against Mycobacterium tuberculosis.	Bajpai, U., Mehta, A. K., Eniyani, K., Sinha, A., Ray, A., Virdi, S., Ahmad, S., Shah, A., Arora, D., Marwaha, D., Chauhan, G., Saraswat, P., Bathia, P., & Singh, R.	Biomedical Science	Canadian Journal of Microbiology	2018	0008-4166	https://doi.org/10.1139/cjm-2017-0387	https://cdns.cupub.com/doi/10.1139/cjm-2017-0387	https://ml.cariwave.com/search-results?issn=0008-4166&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
Microwave assisted synthesis of spiro heterocyclic systems: A review	Khanna, P., Khanna, L., Thomas, S. J., Asiri, A. M., & Panda, S. S.	Chemistry	Current organic chemistry	2018	1385-2728	https://doi.org/10.2174/138527281666170818161517	https://www.eurekaselect.com/article/85367	https://ml.cariwave.com/search-results?issn=1385-2728&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
An analysis of replenishment model of deteriorating items with ramp-type demand and trade credit under the learning effect	Sharma, A., Sharma, U., & Singh, C.	Mathematics	International Journal of Procurement Management	2018	17538432	https://doi.org/10.1504/IJPM.2018.091668	https://www.inderscienceonline.com/doi/abs/10.1504/IJPM.2018.091668	https://www.scopus.com/sourceid/21100242236	Indexed in UGC Care List and SCOPUS
Controlling room temperature ferromagnetism and band gap in ZnO nanostructured thin films by varying angle of implantation	Hariwal, V. R., Malik, H. K., Negi, A., & Kandsamli, A.	Physics	RSC Advances	2018	2046-2069	https://doi.org/10.1039/C7RA10615G	https://pubs.rsc.org/en/content/articlelanding/2018/RA/C7RA10615G	https://ml.cariwave.com/search-results?issn=2046-2069&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
Emamectin Benzoate: Potential larvicide and antifedant agent against cotton boll worm Helicoverpa armigera (Lepidoptera: Noctuidae)	Dagar, V. S., & Kumar, S.	Zoology	Journal of Applied and Natural Sciences	2018	2231-5209	https://doi.org/10.31018/jans.v10i2.1738	https://journals.anfoundation.org/index.php/jans/article/view/1738	https://www.scopus.com/sourceid/2110016916	Indexed in UGC Care List, SCOPUS and Web of Science
Sld5 Ensures centrosomal resistance to congression forces by preserving centriolar satellites.	Kaur, M., Devi, R., Ghosh, T., Khan, M. M., Kumar, P., Kar, P. A., Sharma, A., Varshney, A., Kumar, V., & Saxena, S. (Zoology	Molecular and Cellular Biology,	2018	0270-7306	https://doi.org/10.1128/MCB.00371-17	https://journals.asm.org/doi/10.1128/MCB.00371-17	https://ml.cariwave.com/search-results?issn=0270-7306&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
The study of effect of various temperatures on the abundance of ammonia oxidizing archaea and bacteria.	Khngembam, C. D., Singh, S. P., Sharma, J. G., & Chakrabarti, R.	Zoology	The Indian Journal of Animal Science	2018	0367-8318	https://doi.org/10.56093/ians.v48i5.80023	https://www.researchgate.net/publication/325626070_Study_of_effect_of_various_temperatures_on_the_abundance_of_ammonia_oxidizing_archaea_and_bacteria	https://ml.cariwave.com/search-results?issn=0367-8318&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
Estimating the parameter of selected uniform population under the squared log error loss function	Meena, K. R., Mohd Arshad, & Gangopadhyay, A. K.	Mathematics	Communications in Statistics-Theory and Methods	2018	1532-415X	https://doi.org/10.1080/03610926.2017.1324986	https://www.tandfonline.com/doi/abs/10.1080/03610926.2017.1324986?journalCode=ista20	https://ml.cariwave.com/search-results?issn=0361-0926&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List and Web of Science
Cellular and molecular basis of heavy metal induced stress in ciliates: A review	Sripoorna, S., Abraham, J. S., Maurya, S., Makhija, S., Gupta, R., & Toteja, R.	Zoology	Current Science	2018	0011-3891	https://www.jstor.org/stable/26494927	https://www.currentscience.ac.in/Volumes/714/09/1858.pdf	https://ml.cariwave.com/search-results?issn=0011-3891&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science
Floral contrivances and specialised pollination mechanism strongly influence mixed mating in Wrightia tomentosa (Apocynaceae).	Barman, C., Singh, V.K., Das, S. & Tandon, R.	Botany	Plant Biology	2018	Online ISSN: 1438-8677	https://doi.org/10.1111/plb.12690	https://onlinelibrary.wiley.com/doi/10.1111/plb.12690	https://ml.cariwave.com/search-results?issn=1438-8677&hide_exact_match_fittrue&utm_source=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	Indexed in UGC Care List, SCOPUS and Web of Science

Relative contribution of reproductive attributes to the density-dependent effects on fruit-set.	Singh VK, C Barman, D Mohanty D & Tandon R	Botany	AoB PLANTS	2018	ISSN-2041-2851	https://doi.org/10.1093/aobpla/plz019/4931735	https://academic.oup.com/aobpla/article/10/12/4931/4931735	https://www.scopus.com/sourceid/21100285035	Indexed in UGC Care List, SCOPUS and Web of Science
Heteroleptic metal(II) complexes of curcumin and 2,2'-bipyridine: Synthesis, characterization, molecular modeling and preliminary antimicrobial investigation.	Lal S., Joshi M. C., Hooda, S. & Kumar, V.,	Chemistry	Rev. Roum. Chim.	2018	ISSN: 0035-3930	https://revroum.lew.ro/wp-content/uploads/2018/04/Artr%2006.pdf	https://revroum.lew.ro/wp-content/uploads/2018/04/Artr%2006.pdf	https://www.scopus.com/sourceid/21508	Indexed in UGC Care List, SCOPUS and Web of Science
A highly selective sensor Cu ²⁺ and Fe ³⁺ ions in aqueous medium: Spectroscopic, computational and cell imaging studies.	Lal S., Kumar S., Hooda, S. & Kumar P.	Chemistry	Journal of Photochemistry and Photobiology A: Chemistry	2018	1010-6030		https://www.sciencedirect.com/science/article/pii/S1010603018305501	https://www.scopus.com/sourceid/26966	Indexed in UGC Care List and SCOPUS
Protective effects of Aporosa octandra bark extract against D-galactose induced cognitive impairment and oxidative stress in mice.	Panda S.S., Giris A.S., Prakash A., Khanna L., Khanna, P., Shalaby El-S. M., Fawzy N.G. & Jain S. C.	Chemistry	Heliyon	2018	2405-8440(Online)		https://www.cell.com/heliyon/fulltext/S2405844018348641	https://www.scopus.com/sourceid/21100411756	Indexed in UGC Care List, SCOPUS and Web of Science
Social Centrality using network hierarchy and community structure.	Saxena R., Kaur, S., Bhatnagar V.	Computer Science	Data Mining and Knowledge Discovery	2018	1384-5810		https://link.springer.com/article/10.1007/s10618-018-018-2	https://mml.ctanvare.com/search?results?issn=1384-5810&hide_exact_match=true&utm_source=mj&utm_medium=share-by-link	Indexed in UGC Care List, SCOPUS and Web of Science
Bandwidth Efficient Broadcast Protocols in MANETs: A Review	Samal, C. K., Choudhury R. K.	Computer Science	International Journal of Computer Sciences and Engineering	2018	2347-2693		https://www.ijcseonline.org/pdf_paper_view.php?paper_id=1632&IJCSE-0736.pdf	https://www.ijcseonline.org/	Indexed in UGC Care List, SCOPUS and Web of Science
Structural and optical properties of electrochemically deposited ZnO nanorods by using graphene oxide and ITO as substrate material: A comparative study	Kumar, S., Garg, A., Chowdhuri, A., Jain, A., & Kapoor, A.	Electronics, Physics	Materials Research Express	2018	2053-1591		https://iopscience.iop.org/article/10.1088/2053-1591/aad7a5	https://www.scopus.com/sourceid/20531591	Indexed in UGC Care List, SCOPUS and Web of Science
Comparison of water purification properties of Graphene Oxide (GO) Membranes with tuned interlayer spacings.	Kumar, S., Garg, A., & Chowdhuri, A.	Electronics, Physics	Materials Research Express	2018	2053-1591		https://iopscience.iop.org/article/10.1088/2053-1591/aae416	https://www.scopus.com/sourceid/20531591	Indexed in UGC Care List, SCOPUS and Web of Science
Sonication Effect on Graphene Oxide (GO) Membranes for Water Purification Applications*	Kumar, S., Garg, A., & Chowdhuri, A.	Electronics, Physics	Materials Research Express	2018	2053-1591		https://iopscience.iop.org/article/10.1088/2053-1591/ab1fdd	https://www.scopus.com/sourceid/20531591	Indexed in UGC Care List, SCOPUS and Web of Science
Circular restricted three-body problem when both the primaries are heterogeneous spheroid of three layers and infinitesimal body varies its mass	Ansari, A. A., Alhussain, Z. A., & Prasad, S. N.	Mathematics	Journal of Astrophysics and Astronomy	2018	0973-7758		https://doi.org/10.1007/s12036-018-9549-7	https://link.springer.com/article/10.1007/s12036-018-9549-7	Indexed in UGC Care List, SCOPUS and Web of Science
An EOQ Model for Deteriorating Items with Selling Price Dependent Exponential Demand for Time Varying Holding and Deterioration Costs	Verma, S. K., Mohd. Rizwanullah, & Singh, C.	Mathematics	International Journal of Engineering & Technology	2018	2227-524X		https://www.sciencepubco.com/index.php/ijet/article/view/24294	https://www.scopus.com/sourceid/21100805731	Indexed in SCOPUS
A production inventory model with selling price and stock sensitive demand under partial backlogging	Aarya, D. D. & Kumar, M.	Mathematics	International Journal of Mathematics in Operational Research	2018	1757-5850		https://www.inderscienceonline.com/doi/abs/10.1504/IJMOR.2018.090802	https://www.scopus.com/sourceid/21100202502	Indexed in UGC-Care List and SCOPUS
Susceptibility status of Aedes aegypti L. against different classes of insecticides in New Delhi, India to formulate mosquito control strategy in fields.	Samal, R. R. & Kumar, S.	Zoology	Open Parasitology Journal	2018	1874-4214		https://openparasitologyjournal.com/VOLUME/6/PAGE/52/ABSTRACT/	https://www.scopus.com/sourceid/21100205964	Indexed in SCOPUS
Effects of Achyranthes aspera extracts on the survival and midgut histology of Aedes aegypti L. early IV instars.	Sharma, A., Kumar, S., & Tripathi, P.	Zoology	Open Parasitology Journal	2018	1874-4215		https://openparasitologyjournal.com/VOLUME/6/PAGE/41/FULLTEXT/	https://www.scopus.com/sourceid/21100205964	Indexed in SCOPUS
Growth regulatory and growth inhibitory effects of Theselia nerifolia stem extracts on Helicoverpa armigera (Lepidoptera: Noctuidae).	Mishra, M., Gupta, K.K., & Kumar, S.	Zoology	Archives of Phytopathology and Plant Protection	2018	0323-5408	https://doi.org/10.1080/03235408.2018.1521324	https://www.tandfonline.com/doi/abs/10.1080/03235408.2018.1521324?journalCode=gapp20	https://www.scopus.com/sourceid/2110054080323	Indexed in UGC Care List, SCOPUS and Web of Science
Modelling of Pinning-Depinning Reversal Mechanism in Ion-Irradiated Co/Al ₂ O ₃ Thin Films.	Goyal, R., Gupta, R., Negi, A., Asokan, K., Kanjilal, D., Lamba, S., & Annapoorni, S.	Physics	Physica Status Solidi (A) Applications And Materials Science	2018	1862-6300		https://onlinelibrary.wiley.com/doi/10.1002/pssa.20181800141	https://www.scopus.com/sourceid/21100205964	Indexed in UGC Care List, SCOPUS and Web of Science
Polarization dependent charge control model for microwave performance assessment of AlGaN/GaN/AlGaN double heterostructure HEMTs	Chugh, N., Bhattacharya, M., Kumar, M., Deswal, S. S., & Gupta, R. S.	Electronics	Journal of Computational Electronics	2018	1569-8025		https://doi.org/10.1007/s10825-018-1190-0	https://link.springer.com/article/10.1007/s10825-018-1190-0	Indexed in UGC Care List, SCOPUS and Web of Science
Sighting of Jamides bochus (Stoll, 1782) and Prosoptes Nora (C. Felder 1860) (Insecta: Lepidoptera: Lycaenidae) From Urbanized Parts Of New Delhi, India.	Chaudhary, R. & Kumar, V.	Biomedical Science	Bionotes	2019	0972-1800		https://www.andcollage.uo.ac.in/uploads/voiceofandc/BIONOTES.pdf	https://www.scopus.com/sourceid/2110018000972	Indexed in Web of Science
Occurrence of subdioecy and scarcity of gender-specific markers reveal an ongoing transition to dioecy in Himalayan seabuckthorn (Hippophae rhamnoides ssp. turkestanica).	Mangla, Y., Das K, Bali S, Ambreen H, Raina SN, Tandon R, & Goel S.	Botany	Heredity	2019	ISSN: 0018067X		https://www.nature.com/articles/s41437-018-0084-z	https://www.scopus.com/sourceid/22238	Indexed in UGC Care List, SCOPUS and Web of Science
Synchronization of fractional order Rabinovich-Fabrikant systems using sliding mode control techniques	Kumar, S., Singh, C., Prasad, S. N., Shekhar, C., & Agarwal, R.	Mathematics	Archives of Control Sciences	2019	2300-2611		https://journals.pan.pl/dlibra/publication/129384/edition/112924/content	https://www.scopus.com/sourceid/20500395215	Indexed in UGC Care List, SCOPUS and Web of Science
An Optimal Policy for Deterministic Model for Time Proportional Deteriorated Inventory with Different Demand Rate Pattern	Verma, S. K., Mohd. Rizwanullah, & Singh, C.	Mathematics	Journal of Advanced Research in Dynamical and Control Systems	2019	1943-023X		https://www.iardcs.org/abstract.php?id=238	https://www.scopus.com/sourceid/20500395215	Indexed in SCOPUS
Influence of open educational resources on educational practices in the Global South	Kumar, S.	Zoology	Nature Human Behaviour	2019	2397-3374		https://doi.org/10.1038/s41562-019-0624-4	https://www.nature.com/articles/s41562-019-0624-4	Indexed in UGC Care List, SCOPUS and Web of Science
Diminished Activity of Larval Midgut Transaminases and Phosphatases in Helicoverpa armigera Hübner (Lepidoptera) Induced by Dietary Stem Extracts of Theselia nerifolia	Mishra, M., Gupta, K.K., & Kumar, S.	Zoology	Journal of the Lepidopterist's Society	2019	0024-0966		https://www.lepidopterists-society.org/volume-73/issue-1/lepi.73i1.4/Diminished-Activity-of-Larval-Midgut-Transaminases-and-Phosphatases-in-Helicoverpa-armigera-Hubner-Lepidoptera-Induced-by-Dietary-Stem-Extracts-of-Theselia-nerifolia	https://www.scopus.com/sourceid/2050009660024	Indexed in UGC Care List and Web of Science

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Soil ciliates of the Indian Delhi Region: Their community characteristics with emphasis on their ecological implications as sensitive bio-indicators for soil quality.	Abraham, J.S., Somasundaram, Dagar, J. S., Jangra, S., Kumar, A., Yadav, K., Singh, S., Goyal, A., Maurya, S., Gambhir, G., Toteja, R., Gupta, R., Singh, D.K., El-Serehy, H.A., Al-Misned, F.A., Al-Farraj, S.A., Al-Rasheid, K.A., Maadaa, S.A., & Makhija, S.	Zoology, Chemistry	Saudi Journal of Biological Sciences	2019	1319-562X	https://doi.org/10.1016/j.sbsbs.2019.05.003	https://www.sciencedirect.com/science/article/pii/S1319562X1930060X	https://www.ncbi.nlm.nih.gov/pubmed/3191319562X1930060X	Indexed in UGC Care List, SCOPUS and Web of Science
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A Novel Method of Electrochemically Growing ZnO Nanorods on Graphene Oxide as Substrate for Gas Sensing Applications".	Chetna, Kumar, S., Garg, A., Chowdhuri, A., Jain, A. & Kapoor, A.	Physics	Material Research Express	2019	2053-1591	DOI 10.1088/2053-1591/ab16f8	https://iopscience.iop.org/article/10.1088/2053-1591/ab16f8	https://www.ncbi.nlm.nih.gov/pubmed/3191319562X1930060X	Indexed in UGC Care List, SCOPUS and Web of Science
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Exploitation of potential bioactive compounds from two soil derived actinomycetes, Streptomyces sp. strain 196 and Ri.24	Kumar, P., Kundu, A., Kumar, M., Solanki, R., & Kapur, M.K.	Zoology	Microbiological Research	2019	0944-5013	https://doi.org/10.1016/j.micres.2019.05.003	https://www.sciencedirect.com/science/article/pii/S0944501319304884?via=ihub	https://www.scopus.com/sourceid/20267	Indexed in UGC Care List, SCOPUS and Web of Science
Expression and molecular characterization of stress-responsive genes (hsp70 and Mn-sod) and evaluation of antioxidant enzymes (CAT and GPx) in heavy metal exposed freshwater ciliate, Tetmemena sp.	Somasundaram, S., Abraham, J.S., Maurya, S., Toteja, R., Gupta, R., & Makhija, S.	Zoology	Molecular Biology Reports	2019	0301-4851	https://doi.org/10.1007/s11033-019-04942-0	https://link.springer.com/article/10.1007/s11033-019-04942-0	https://www.ncbi.nlm.nih.gov/pubmed/3191319562X1930060X	Indexed in UGC Care List, SCOPUS and Web of Science
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Synthesis, DFT studies, molecular docking, antimicrobial screening and UV fluorescence studies on ct-DNA for novel Schiff bases of 2-(1-aminobenzyl) benzimidazole	Singhal, S., Khanna, P. & Khanna, L.	Chemistry	Heliyon	2019	2405-8440(Online)	https://doi.org/10.1016/j.heliyon.2019.05.003	https://www.sciencedirect.com/science/article/pii/S2405844019362365	https://www.scopus.com/sourceid/21100	Indexed in UGC Care List, SCOPUS and Web of Science
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The Impact of Various Digitized Social Networking Media Through Text, Images And Videos On Language Usage	Mishra, S., Samal, C.K., Yadav, N., & Choudhury, R.K.	Computer Science	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	2019	2277-8616	https://doi.org/10.1016/j.ijstr.2019.05.003	http://www.ijstr.org/final-print/oct2019/The-Impact-Of-Various-Digitized-Social-Networking-Media-Through-Text-Images-And-Videos-On-Language-Usage.pdf	https://www.scopus.com/sourceid/21100	Indexed in SCOPUS
Analysis of Al0.15Ga0.85N/GaN/Al0.15Ga0.85N DH-HEMT for RF and Microwave Frequency Applications	Chugh, N., Kumar, M., Bhattacharya, M., & Gupta, R. S.	Electronics	Semiconductors	2019	1063-7826	https://doi.org/10.1134/S106378261930050	https://link.springer.com/article/10.1134/S106378261930050	https://www.ncbi.nlm.nih.gov/pubmed/3191319562X1930060X	Indexed in UGC Care List, SCOPUS and Web of Science
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Polydopamine-aminoglycoside nanocomposites: Synthesis, characterization, antimicrobial evaluation and cytocompatibility	Singh, I., Priyam, A., Jha, D., Dhawan, G., Gautam, H. K., & Kumar, P.	Biomedical Science	MATERIALS SCIENCE & ENGINEERING C- MATERIALS FOR BIOLOGICAL APPLICATIONS	2019	1873-0191 (Electronic)	https://doi.org/10.1016/j.msec.2019.05.003	https://www.sciencedirect.com/science/article/pii/S0928493119318946	https://www.scopus.com/sourceid/17813	Indexed in SCOPUS
Room temperature SO ₂ and H ₂ gas sensing using hydrothermally grown GO-ZnO nanorod composite films	Dhingra, V., Kumar, S., Kumar, R., Garg, A., & Chowdhuri, A.	Electronics and Physics	Materials Research Express	2020	2053-1591	DOI 10.1088/2053-1591/ab9ae7	https://iopscience.iop.org/article/10.1088/2053-1591/ab9ae7	https://www.ncbi.nlm.nih.gov/pubmed/3191319562X1930060X	Indexed in UGC Care List, SCOPUS and Web of Science
Extraction of admittance parameters of symmetrically doped AlGaIn/GaN/AlGaIn DH-HEMT for microwave frequency applications.	Chugh, N., Kumar, M., Bhattacharya, M., & Gupta, R. S.	Electronics	Microsystem Technologies	2020	0946-7076	https://doi.org/10.1007/s00542-020-04805-w	https://link.springer.com/article/10.1007/s00542-020-04805-w	https://www.ncbi.nlm.nih.gov/pubmed/3191319562X1930060X	Indexed in UGC Care List and SCOPUS
Synthesis of CdS nanoparticle by sol-gel method as low temperature NO ₂ sensor	Sonker R.K., Yadav B.C., Gupta V., & Tomar M.	Physics	Materials Chemistry and Physics	2020	0254-0584	https://doi.org/10.1016/j.matchemphys.2020.05.003	https://www.sciencedirect.com/science/article/pii/S0254058419307246	https://www.ncbi.nlm.nih.gov/pubmed/3191319562X1930060X	Indexed in UGC Care List, SCOPUS and Web of Science
Optimizing synthesis of Citrus limetta peel silver nanocomposites possessing larvicidal potential against dengue vector, Aedes aegypti L.	Aggarwal, D., Sharma, A., & Kumar, S.	Zoology	Advances in Zoology and Botany	2020	2331-5083	DOI: 10.13189/azb.2020.080103	https://www.hrpub.org/journals/article_info.php?id=azb630	https://www.ncbi.nlm.nih.gov/pubmed/3191319562X1930060X	Indexed in UGC Care List
One pot synthesis of silver nano-composites from Achyranthes aspera: An eco-friendly larvicide against Aedes aegypti L.	Sharma, A., Tripathi, P., & Kumar, S.	Zoology	Asian Pacific Journal of Tropical Biomedicine	2020	2221-1691	DOI: 10.4103/2221-1691.275420	https://www.apjtb.org/article.asp?issn=2221-1691;year=2020;volume=10;issue=2;page=54;e-page=64;auiat=sharma	https://www.ncbi.nlm.nih.gov/pubmed/3191319562X1930060X	Indexed in UGC Care List, SCOPUS and Web of Science

Effect of dietary stress of emamectin benzoate on the Fitness Cost of American Bollworm, <i>Helicoverpa armigera</i> (Hübner, 1808).	Dagar, V.S., Mishra, M., & Kumar, S.	Zoology	International Journal of Tropical Insect Science	2020	1742-7584 / 1742-7592	https://doi.org/10.1007/s42690-020-00168-x	https://link.springer.com/article/10.1007/s42690-020-00168-x	https://www.ncbi.nlm.nih.gov/pubmed/32469050	7584&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.ncbi.nlm.nih.gov/pubmed/32469050	Indexed in UGC Care List, SCOPUS and Web of Science
Effects of β -sitosterol on growth, development and midgut enzymes of <i>Helicoverpa armigera</i> Hübner.	Mishra, M., Sharma, A., Dagar, V.S., & Kumar, S.	Zoology	Archives of Biological Sciences	2020	0354-4664 / 1821-4339	https://doi.org/10.2298/ABS20030354-4664	http://www.doi.org/10.2298/ABS20030354-4664	https://www.ncbi.nlm.nih.gov/pubmed/32469050	4664&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.doi.org/10.2298/ABS20030354-4664	Indexed in UGC Care List, SCOPUS and Web of Science
Potential applications of extracellular enzymes from <i>Streptomyces</i> spp. in various industries	Kumar, M., Kumar, P., Das, P., Solanki, R., & Kapur, M.K.	Zoology	Archives of Microbiology	2020	1432-072X	https://doi.org/10.1007/s00203-020-01898-9	https://link.springer.com/article/10.1007/s00203-020-01898-9	https://www.scopus.com/sourceid/19623	1898&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.scopus.com/sourceid/19623	Indexed in UGC Care List, SCOPUS and Web of Science
Description of a new species of <i>Tetramesa</i> (Cilliphora, Oxytrichidae) using classical and molecular markers	Gupta, R., Abraham, J. S., Sripoorna, S., Maurya, S., Toteja, R., Makhlaja, S., ... & El-Serehy, H. A.	Zoology	Journal of King Saud University-Science	2020	1018-3647	https://doi.org/10.1016/j.jksus.2020.101836	https://www.sciencedirect.com/science/article/pii/S1018364720301026	https://www.ncbi.nlm.nih.gov/pubmed/32469050	3647&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.sciencedirect.com/science/article/pii/S1018364720301026	Indexed in UGC Care List and SCOPUS
Spiro-Indole-Coumarin Hybrids: Synthesis, ADME, DFT, NBO Studies and In Silico Screening through Molecular Docking on DNA G-Quadruplex	Khanna, L., Singhal, S., Jain, S. C., & Khanna, P.	Chemistry	ChemistrySelect	2020	2365-6549 (Online)	https://doi.org/10.1002/slct.201904783	https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/slct.201904783	https://www.scopus.com/sourceid/21100	04783&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/slct.201904783	Indexed in UGC Care List, SCOPUS and Web of Science
Biogenic Silver Nanoparticles: Evaluation of Their Biological and Catalytic Potential	Sharma, B., Singh, I., Bajar, S., Gupta, S., Gautam, H. & Kumar, P.	Chemistry	Indian Journal of Microbiology	2020	0046-8991	https://doi.org/10.1007/s12088-020-00889-9	https://link.springer.com/article/10.1007/s12088-020-00889-9	https://www.scopus.com/sourceid/19733	8899&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://link.springer.com/article/10.1007/s12088-020-00889-9	Indexed in UGC Care List, SCOPUS and Web of Science
Ultrashort peptide self-assembly: Front-runners to transport drug and gene cargos.	Gupta, S., Singh, I., Sharma, A. K., & Kumar, P.	Chemistry	Frontiers in bioengineering and biotechnology	2020	2296-4185	https://doi.org/10.1007/s10288-020-00504-7	https://www.frontiersin.org/articles/10.3389/fbioe.2020.00504/full	https://www.scopus.com/sourceid/21100	5047&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.frontiersin.org/articles/10.3389/fbioe.2020.00504/full	Indexed in UGC Care List, SCOPUS and Web of Science
Adsorption of Rhodamine 6G dye on binary system of Nanoarchitectonics composite Magnetic Graphene Oxide Material	Drashya, Lal, S., & Hooda, S.	Chemistry	Journal of Nanoscience and Nanotechnology	2020	1533-4880	https://doi.org/10.1166/jnn.2020.1166	https://www.ingentaconnect.com/content/asp/jnn/2020/00000020/00000005/ano0033/sessionid=131cye188up89-x-ic-live-01	https://www.scopus.com/sourceid/28546	00033&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.ingentaconnect.com/content/asp/jnn/2020/00000020/00000005/ano0033/sessionid=131cye188up89-x-ic-live-01	Indexed in SCOPUS
Magnetic Graphene Oxide/Chitin Nanocomposites for Efficient Adsorption of Methylene Blue and Crystal Violet from Aqueous Solutions	Gautam, D., & Hooda, S.	Chemistry	JOURNAL OF CHEMICAL AND ENGINEERING DATA	2020	0021-9568	https://doi.org/10.1021/acs.jced.0c00350	https://pubs.acs.org/doi/10.1021/acs.jced.0c00350	https://www.scopus.com/sourceid/24158	00350&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://pubs.acs.org/doi/10.1021/acs.jced.0c00350	Indexed in UGC Care List and Web of Science
Complexity Dynamics of Gumowski-Mira Map	Prasad S. N., Meena K. R., & Ansari A. A.	Mathematics	Application and Applied mathematics	2020	1932-9466	https://www.pvamu.edu/aam/wp-content/uploads/sites/182/2020/06/19-19363-AAM-Ansari-AAA-010420-Final-042720-19363-AAM-Ansari-AAA-010420-Final-042720-Pub-060720.pdf	https://www.pvamu.edu/aam/wp-content/uploads/sites/182/2020/06/19-19363-AAM-Ansari-AAA-010420-Final-042720-19363-AAM-Ansari-AAA-010420-Final-042720-Pub-060720.pdf	https://www.ncbi.nlm.nih.gov/pubmed/32469050	9466&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.pvamu.edu/aam/wp-content/uploads/sites/182/2020/06/19-19363-AAM-Ansari-AAA-010420-Final-042720-19363-AAM-Ansari-AAA-010420-Final-042720-Pub-060720.pdf	Indexed in Web of Science
Chaos Measure in autonomous LPA Model	Prasad S. N., Saha L. M., & Ansari A. A.	Mathematics	Gedrag En Organisatie review	2020	0921-5077	https://doi.org/10.37896/GOR33.02/271	https://lemma-tidschriften.com/gallery/gor-1864.pdf	https://www.ncbi.nlm.nih.gov/pubmed/32469050	0921&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://lemma-tidschriften.com/gallery/gor-1864.pdf	Indexed in UGC Care List, SCOPUS and Web of Science
Supply chain model for expiring items following Ramp-type demand with stochastic lead time under crisp and fuzzy environment	Singh C., & Singh S. R.	Mathematics	International Journal of Fuzzy System Applications	2020	2156-177X	https://www.igi-global.com/gateway/article/245271.html#RecommendationForm	https://www.igi-global.com/gateway/article/245271.html#RecommendationForm	https://www.scopus.com/sourceid/21100	245271&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.igi-global.com/gateway/article/245271.html#RecommendationForm	Indexed in UGC Care List and SCOPUS
Estimating Parameter of the Selected Uniform Population Under the Generalized Stein Loss Function	Meena K. R., & Gangopadhyay A. K.	Mathematics	Application and Applied mathematics	2020	1932-9466	https://www.pvamu.edu/aam/wp-content/uploads/sites/182/2020/12/10_R1387_AAM-Gangopadhyay_AKG-032220_Published-121020.pdf	https://www.pvamu.edu/aam/wp-content/uploads/sites/182/2020/12/10_R1387_AAM-Gangopadhyay_AKG-032220_Published-121020.pdf	https://www.ncbi.nlm.nih.gov/pubmed/32469050	9466&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.pvamu.edu/aam/wp-content/uploads/sites/182/2020/12/10_R1387_AAM-Gangopadhyay_AKG-032220_Published-121020.pdf	Indexed in Web of Science
Reliable Path Finding Technique for Mobile Robot	Choudhury, R. K., and Samal, C.K.	Computer Science	Journal of Computer Science and Technology	2020	1000-9000 / 1860-4749	https://www.researchgate.net/publication/360397516_Reliable_Path_Finding_Technique_for_Mobile_Robot/links/62733333-4e34-4343-9000-900090009000.pdf	https://www.researchgate.net/publication/360397516_Reliable_Path_Finding_Technique_for_Mobile_Robot/links/62733333-4e34-4343-9000-900090009000.pdf	https://www.unipune.ac.in/Apss1/User/WebA/ViewDetails?journalid=101001966&flag=Search	9000&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.unipune.ac.in/Apss1/User/WebA/ViewDetails?journalid=101001966&flag=Search	Indexed in UGC Care List, SCOPUS and Web of Science
Android-based application for shading analysis and assessment of actual solar energy potential	Garg, A., Sharma, P., Verma, V., & Kaur, T.	Electronics	New Concepts in Solar and Thermal Radiation Conversion III 2020 Aug 20 (Vol. 11496, p. 114960G). Proceedings of SPIE- International Society for Optics and Photonics.	2020	0277-786X	https://doi.org/10.1117/12.2570964	https://www.spiedigitallibrary.org/conference-proceedings-of-spie/11496/114960G/Android-based-application-for-shading-analysis-and-assessment-of-actual-solar-energy-potential	https://www.scopus.com/sourceid/40067	0964&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.spiedigitallibrary.org/conference-proceedings-of-spie/11496/114960G/Android-based-application-for-shading-analysis-and-assessment-of-actual-solar-energy-potential	Indexed in SCOPUS
Some fun pedagogical techniques to teach optics to students of all ages.	Garg, A., Sharma, P., Prajapat, P., Saxena, A., Pandey, P., Tyagi, A., Varshney, Y. & Sharma, A.	Electronics	Optics Education and Outreach VI (Vol. 11480, p. 114800R). Proceedings of SPIE, International Society for Optics and Photonics	2020	0277-786X	https://doi.org/10.1117/12.2570964	https://www.spiedigitallibrary.org/conference-proceedings-of-spie/11480/114800R/Some-fun-pedagogical-techniques-to-teach-optics-to-students-of-all-ages	https://www.scopus.com/sourceid/40067	964&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.spiedigitallibrary.org/conference-proceedings-of-spie/11480/114800R/Some-fun-pedagogical-techniques-to-teach-optics-to-students-of-all-ages	Indexed in SCOPUS
Trace detection of Nerve agent simulant in the fuel vapor environment using metal oxide/Surface acoustic wave E-nose	Kumar, J., Singh, H., Raj, V. B., Nimal, A. T., Gupta, V. & Singh, V. K.	Physics	Defence Science Journal	2020	2456-379X, 2456-0537	https://core.ac.uk/download/pdf/335056862.pdf	https://core.ac.uk/download/pdf/335056862.pdf	https://www.scopus.com/sourceid/21100	0537&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://core.ac.uk/download/pdf/335056862.pdf	Indexed in UGC Care List, SCOPUS and Web of Science
Green synthesis of TiO2 nanosheet by chemical method for the removal of Rhodamine B from industrial waste	Sonker, R.K., Yadav, B.C., Gupta, V. & Tomar, M.	Physics	Materials Science And Engineering B: Solid-State Materials For Advanced Technology	2020	0921-5107	https://doi.org/10.1016/j.mseb.2020.114577	https://www.sciencedirect.com/science/article/pii/S0921510720300842	https://www.ncbi.nlm.nih.gov/pubmed/32469050	0842&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.sciencedirect.com/science/article/pii/S0921510720300842	Indexed in UGC Care List and SCOPUS
An overview of the factors affecting dengue transmission in Asian region and its predictive models.	Samal, R.R., Gupta, S. & Kumar, S.	Zoology	Journal of Applied and Natural Science	2020	2231-5209	https://doi.org/10.31018/jans.v12.i02.p01616	https://journals.anfoundation.org/index.php/jans/article/view/2360	https://www.scopus.com/sourceid/21100	01616&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://journals.anfoundation.org/index.php/jans/article/view/2360	Indexed in SCOPUS
Comparative larvicidal efficacy of α -cypermethrin alone and α -cypermethrin/Citrus sinensis peel extract binary mixtures against <i>Aedes aegypti</i> L.	Aggarwal, D, Samal, R. R. & Kumar, S.	Zoology	Romanian Journal of Biology-Zoology	2020	2248-3799	https://doi.org/10.2478/rjz.2020.00020	https://www.researchgate.net/profile/Roop-Samal/publication/349324045_COMPARATIVE_LARVICIDAL_EFFICACY_OF_ALPHA-CYPERMETHRIN_ALONE_AND_ALPHA-CYPERMETHRIN_CITRUS_SINENSIS_PEL_EXTRACT_BINARY_MIXTURES_AGAINST_AEDES_AEGYPTI_L/links/62733333-4e34-4343-9000-900090009000.pdf	https://www.ncbi.nlm.nih.gov/pubmed/32469050	9000&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.researchgate.net/profile/Roop-Samal/publication/349324045_COMPARATIVE_LARVICIDAL_EFFICACY_OF_ALPHA-CYPERMETHRIN_ALONE_AND_ALPHA-CYPERMETHRIN_CITRUS_SINENSIS_PEL_EXTRACT_BINARY_MIXTURES_AGAINST_AEDES_AEGYPTI_L/links/62733333-4e34-4343-9000-900090009000.pdf	Indexed in Web of Science
Reduced physiological and reproductive fitness induced by Nerium oleander leaf extracts in the cotton bollworm, <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae).	Sivakumar, A., Mishra, M., Dagar, V. & Kumar, S.	Zoology	Acta Ecologica Sinica	2020	1872-2032	https://doi.org/10.1016/j.chnasa.2020.101616	https://www.sciencedirect.com/science/article/pii/S187220322030233X	https://www.ncbi.nlm.nih.gov/pubmed/32469050	233X&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://www.sciencedirect.com/science/article/pii/S187220322030233X	Indexed in UGC Care List and SCOPUS
Protection of surplus food from fungal spoilage using <i>Streptomyces</i> spp.: a green approach	Kumar, M., Kumar, P., Das, P., Solanki, R., & Kapur, M.K.	Zoology	Archives of Microbiology	2020	1432-072X	https://doi.org/10.1007/s00203-020-02087-4	https://link.springer.com/article/10.1007/s00203-020-02087-4	https://www.ncbi.nlm.nih.gov/pubmed/32469050	02087&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://link.springer.com/article/10.1007/s00203-020-02087-4	Indexed in UGC Care List, SCOPUS and Web of Science
Draft genome and secondary metabolite biosynthetic gene clusters of <i>Streptomyces</i> sp. strain 196.	Kumar, P., Chauhan, A., Kumar, M., Kuanr, B.K., Solanki, R., & Kapur, M.K.	Zoology	Molecular Biology Reports	2020	1573-4978	https://doi.org/10.1007/s11033-020-05731-w	https://link.springer.com/article/10.1007/s11033-020-05731-w	https://www.ncbi.nlm.nih.gov/pubmed/32469050	05731&hide_exact_match=true&utm_source=ml&utm_medium=share-by-https://link.springer.com/article/10.1007/s11033-020-05731-w	Indexed in UGC Care List, SCOPUS and Web of Science

Indicators for assessment of soil quality: a mini-review	Maurya, S., Abraham, J. S., Somasundaram, S., Toteja, R., Gupta, R., & Makhija, S.	Zoology	Environmental Monitoring and Assessment	2020	0167-6369	https://doi.org/10.1007/s10661-020-08556-z	https://link.springer.com/article/10.1007/s10661-020-08556-z	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
Ibuprofen-based chemosensor for efficient binding and sensing of Cu ²⁺ ion in aqueous medium	Lal, S., Prakash, K., Hooda, S., Kumar V., & Kumar, P.	Chemistry	Journal of Molecular Structure	2020	0022-2860	https://doi.org/10.1016/j.molstruc.2020.12.032	https://www.sciencedirect.com/science/article/abs/pii/S0022286019111032	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
Fabrication of a Gold-Supported NiAlTi-Layered Double Hydroxide Nanocatalyst for Organic Transformations	Rathee, G., Kohli S., Panchal, S., Singh, N., Awasthi, A., Singh, S., Singh, A., Hooda, S. & Chandra, R.	Chemistry	ACS OMEGA	2020	2470-1343	https://doi.org/10.1021/acscomega.3c03250	https://pubs.acs.org/doi/full/10.1021/acscomega.3c03250	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
Natural Polysaccharide Based Graphene Oxide Nanocomposites for Removal of Dyes from Wastewater: A Review	Gautam, D., Saya, L., Malik, V., Singh, W. R., & Hooda, S.	Chemistry	Journal of Chemical & Engineering data	2020	0021-9568, 1520-5134	https://doi.org/10.1021/acs.jced.0c00743	https://pubs.acs.org/doi/abs/10.1021/acs.jced.0c00743	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
Self Nitrogen doped carbon Aroclor derived from waste Cigarette butts (Cellulose acetate) for the adsorption of BP A : Kinetics and adsorption mechanism	Norah S., Alhokbany Naushad, M., Kumar, V., Hatim, S-Al, & M. Saad Alshehri, Tansir Ahmed	Chemistry	Journal of King Saud University Science	2020	1018-3647, 2213-686X	https://doi.org/10.1016/j.jksus.2020.10.011	https://www.sciencedirect.com/science/article/pii/S1018364720302895	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List and Web of Science
Design and synthesis of various 5'-Deoxy-5'-(4-Substituted-1,2,3-Triazol-1-yl)-uridine analogues as inhibitors of Mycobacterium tuberculosis Mur ligases	Bajpai, U.	Biomedical Science	Molecules	2020	1420-3049	https://doi.org/10.3390/molecules2020101420	https://www.mdpi.com/1420-3049/25/21/4953	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
Neem flowers (Azadirachta indica) as an abundant source of nectar for butterflies in an urban landscape in Delhi, India	Chaudhary, R.	Biomedical Science	Bionotes	2020	0972-1800	https://doi.org/10.26434/chemrxiv-2020-0972-1800	https://entosocindia.org/images/catalog/bionotes/Bionotes%20pdf%20papers%202020%203/FINAL-BIONOTES-SEPTEMBER-2020.pdf	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in Web of Science
A comprehensive checklist of butterflies seen in Corbett Tiger Reserve, Uttarakhand, India	Chaudhary, R., Chhimwal, S., & Kumar, V.	Biomedical Science	Bionotes	2020	0972-1800	https://doi.org/10.26434/chemrxiv-2020-0972-1800	https://entosocindia.org/images/catalog/bionotes/Bionotes%20pdf%20papers%202020%203/FINAL-BIONOTES-SEPTEMBER-2020.pdf	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in Web of Science
Oviposition by Jamides bochus (Stoll, [1782]) (Insecta: Lepidoptera: Lycaenidae) in New Delhi, India	Chaudhary, R. & Kumar, V.	Biomedical Science	Bionotes	2020	0972-1800	https://doi.org/10.26434/chemrxiv-2020-0972-1800	https://entosocindia.org/images/catalog/bionotes/Bionotes%20pdf%20papers%202020%203/FINAL-BIONOTES-SEPTEMBER-2020.pdf	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in Web of Science
Diabetes: Perspective and challenges in modern era.	Goel, V., Verma, A.K., Bhatt, D., Rahmani, A.H., Yasheshwar, & Dev K.	Botany	Gene Reports	2020	2452-0144	https://doi.org/10.1016/j.genrep.2020.12.001	https://www.sciencedirect.com/science/article/pii/S2452014420301734#text=Prevalence%20of%20diabetes%20in%20rural%20areas%20of%20nepal	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
Vertical Motion of the Variable Infinitesimal Mass in the Cicular Sitnikov Problem	Ansari, A.A., Prasad, S.N. & Singh, C.	Mathematics	Application and Applied mathematics	2020	1932-9466	https://www.pamu.edu/aam/wp-content/uploads/sites/182/2020/12/41_81397_AAM_Ansari_AA_051220_Published_121020.pdf	https://www.pamu.edu/aam/wp-content/uploads/sites/182/2020/12/41_81397_AAM_Ansari_AA_051220_Published_121020.pdf	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in Web of Science
Generalized Elliptic Restricted Four-Body Problem with Variable Mass	Prasad, S. N. & Ansari, A. A.	Mathematics	Astronomy Letters	2020	1063-7737	https://doi.org/10.1134/S1063773720040015	https://link.springer.com/article/10.1134/S1063773720040015	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List and SCOPUS
The Motion Properties of the Variable Mass Planetoid in the Elliptical Sitnikov Problem	Ansari, A.A., Narain, L. & Prasad, S.N.	Mathematics	Gedrag En Organisatie review	2020	0921-5077	https://drive.google.com/file/d/1lbtP1eYawuI8nEa5vlogEzTHr2/view	https://drive.google.com/file/d/1lbtP1eYawuI8nEa5vlogEzTHr2/view	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
EPQ MODEL WITH GREEN PRODUCTION, PRODUCT STEWARD SHIP AND SELLING PRICE DEPENDENT DEMAND	Saxena, P., Singh, C. & Sharma, K.	Mathematics	INTERNATIONAL JOURNAL OF AGRICULTURAL AND STATISTICAL SCIENCES	2020	0973-1903	https://doi.org/10.1007/978-981-10-5687-1_18	https://link.springer.com/chapter/10.1007/978-981-10-5687-1_18	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
Green design and product stewardship approach for two-warehouse inventory model	Saxena, P., Singh, C. & Sharma, K.	Mathematics	Indian Journal of Science and Technology	2020	0974-6846	https://doi.org/10.17485/IJST/v13i37.290	https://indjst.org/articles/green-design-and-product-stewardship-approach-for-two-warehouse-inventory-model	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in Web of Science
Generalized cr3b problem with heterogeneous primary and secondary as finite straight segment	Ansari, A.A., Meena, K. R. & K. Shalini	Mathematics	Application and Applied mathematics	2020	1932-9466	https://digitalcommons.pvamu.edu/cgi/viewcontent.cgi?article=1918&context=aam	https://digitalcommons.pvamu.edu/cgi/viewcontent.cgi?article=1918&context=aam	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in Web of Science
Screening of Antitubercular Compound Library Identifies Inhibitors of Mur Enzymes in Mycobacterium tuberculosis	Eniyan, K., Rani, J., Ramachandran, S., Bhat, R., Khan, I.A. & Bajpai, U.	Biomedical Science	SLAS DISCOVERY	2020	2472-5560 (Electronic)	https://doi.org/10.1177/247255522096297	https://slas-discovery.sagepub.com/article/24725552/2020/06/29-7/fulltext	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
The anti-oxidant enzyme, Prdx6 might have cis-acting regulatory sequence(s).	Shahaj, S., Potshangbam, A.M., Chowhan, R.K., Parray, Z.A., Kakchingtabam, P., Kumari, A., Islam, A., Khan, A., Singh, L.R. & Rahaman, H.	Biomedical Science	International Journal of Biological Macromolecules	2020	1879-0003 (Electronic)	https://doi.org/10.1016/j.ijbiomac.2020.10.011	https://www.sciencedirect.com/science/article/abs/pii/S0141813019397971?via=ihub	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
Characterization and genome analysis of 81 sub-cluster mycobacteriophage PDRPv	Sinha, A., Eniyan, K., Manohar, P., Ramesh, N., & Bajpai, U.	Biomedical Science	Virus research	2020	1872-7492 (Electronic)	https://doi.org/10.1016/j.virusres.2020.197884	https://www.sciencedirect.com/science/article/abs/pii/S0168170219307518	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
Functional characterization of the endolysins derived from mycobacteriophage PDRPv	Eniyan, K., Sinha, A., Ahmad, S., & Bajpai, U.	Biomedical Science	World journal of microbiology & biotechnology	2020	1573-0972 (Electronic)	https://doi.org/10.1007/s12274-020-02858-7	https://link.springer.com/article/10.1007/s12274-020-02858-7	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List and SCOPUS
Structural basis of peroxidase catalytic cycle of human Prdx6	Chowhan, R. K.	Biomedical Science	Scientific reports	2020	2045-2322	https://doi.org/10.1038/s41598-020-74052-6	https://www.nature.com/articles/s41598-020-74052-6	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
Experimental validation of influenza A virus matrix protein (M1) interaction with host cellular alpha enolase and pyruvate kinase	Deepshikha	Biomedical Science	Virology	2020	0042-6822	https://doi.org/10.1016/j.virol.2020.10.011	https://www.sciencedirect.com/science/article/pii/S004268222030146X?via=ihub	https://www.ncbi.nlm.nih.gov/pubmed/33608846	Indexed in UGC Care List, SCOPUS and Web of Science
Exploiting Emojis in Sentiment Analysis : A Survey	Grover, V.	Computer Science	Journal of The Institution of Engineers (India): Series B	2021	2250-2114	https://doi.org/10.1016/j.jie.2020.10.011	https://link.springer.com/article/10.1007/s40031-021-00620-7	https://www.scopus.com/sourceid/21100813436	Indexed in UGC Care List and SCOPUS.

Optimization of dielectric spacer layer thickness in Ag nanospheres/ITO/-Si structure for plasmonic solar cells using FDTD simulation.	Rani, M., Kashyap, J., Singh, U., & Kapoor, A.	Electronics	Materials Technology	2021	1066-7857, 1753-5557	https://www.tandfonline.com/doi/abs/10.1080/10667857.2021.1940046	https://www.tandfonline.com/doi/abs/10.1080/10667857.2021.1940046	https://www.tandfonline.com/doi/abs/10.1080/10667857.2021.1940046	Indexed in UGC Care List, SCOPUS and Web of Science
Applicability of Field Plate in Double Channel GaN HEMT for Radio-Frequency and Power-Electronic Applications.	Chugh, N., Kumar, M., Haldar, S., Bhattacharya, M., & Gupta, R. S.	Electronics	Silicon	2021	1876-990X	https://doi.org/10.1007/s12633-020-00881-9	https://link.springer.com/article/10.1007/s12633-020-00881-9	https://link.springer.com/article/10.1007/s12633-020-00881-9	Indexed in UGC Care List, SCOPUS and Web of Science
Gamma Rays Induced Modification in Ultrahigh Molecular Weight Polyethylene (UHMWPE)	Aarya, S., Kumar, P., Bhatia, M., Kumar, S., Sharma, J. & Siddhartha	Physics	Advances in Polymer Technology	2021	0730-6679	https://doi.org/10.1155/2021/701	https://www.hindawi.com/journals/appt/2021/7013154/	https://www.hindawi.com/journals/appt/2021/7013154/	Indexed in UGC Care List, SCOPUS and Web of Science
Superficial Synthesis of CdS Quantum Dots for an Efficient Perovskite-Sensitized Solar Cell	Sonker, R. K., Shastri, R. & Johari, R.	Physics	Energy & Fuels	2021	0887-0624	https://doi.org/10.1021/acs.energyfuels.1c00629	https://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.1c00629	https://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.1c00629	Indexed in UGC Care List, SCOPUS and Web of Science
Influence of Iufenuron on the nutrient content and detoxification enzyme expression in <i>Aedes aegypti</i> L. (Diptera: Culicidae)	Kungreliu, P., Samal, R.R., Lambili, P. & Kumar, S.	Zoology	International Journal of Tropical Insect Science	2021	1742-7592	https://doi.org/10.1007/s42690-021-00481-z	https://link.springer.com/article/10.1007/s42690-021-00481-z	https://link.springer.com/article/10.1007/s42690-021-00481-z	Indexed in UGC Care List, SCOPUS and Web of Science
Cuticular thickness associated with insecticide resistance in <i>Aedes aegypti</i>	Samal, R.R. & Kumar, S.	Zoology	International Journal of Tropical Insect Science	2021	1742-7592	https://doi.org/10.1007/s42690-020-00271-z	https://link.springer.com/article/10.1007/s42690-020-00271-z	https://link.springer.com/article/10.1007/s42690-020-00271-z	Indexed in UGC Care List, SCOPUS and Web of Science
Physiological and reproductive fitness cost in <i>Aedes aegypti</i> on exposure to toxic xenobiotics in New Delhi, India	Gupta, A., Samal, R.R. & Kumar, S.	Zoology	Journal of Applied and Natural Science	2021	2231-5209	https://doi.org/10.31018/jans.v13i3	https://journals.ansfoundation.org/index.php/jans/article/view/2470	https://www.scopus.com/sourceid/21101016916	Indexed in SCOPUS
Proactive role of <i>Streptomyces</i> spp. in plant growth stimulation and management of chemical pesticides and fertilizers	Kumar, M., Kumar, P., Das, P., Solanki, R., & Kapur, M.K.	Zoology	International Journal of Environmental Science and Technology	2021	1735-2630	https://doi.org/10.1007/s13762-021-03473-1	https://link.springer.com/article/10.1007/s13762-021-03473-1	https://www.scopus.com/sourceid/4000148501	Indexed in SCOPUS
Exploring Small Heat Shock Proteins (sHSPs) for Targeting Drug Resistance in <i>Candida albicans</i> and other Pathogenic Fungi.	Dev, R.	Zoology	Journal of Pure and Applied Microbiology	2021	0973-7510	https://doi.org/10.22207/JPAM.15i02.01.01	https://pdfs.semanticscholar.org/f40d/33f7d5878e641064b23f74e53efcaf5b336.pdf	https://www.scopus.com/sourceid/11700154322	Indexed in SCOPUS
Characterization of <i>Euplotes lynni</i> nov. spec., <i>E. indica</i> nov. spec. and description of <i>E. aediculatus</i> and <i>E. woodruffi</i> (Ciliophora, Euplotidae) using an integrative approach	Abraham, J. S., Somasundaram, S., Maurya, S., Gupta, R., Mahbija, S., & Toteja, R.	Zoology	European Journal of Protistology	2021	0932-4739	https://doi.org/10.1016/j.ejop.2021.03.002	https://www.sciencedirect.com/science/article/abs/pii/S0932473921000146	https://www.sciencedirect.com/science/article/abs/pii/S0932473921000146	Indexed in UGC Care List, SCOPUS and Web of Science
Guar gum based nanocomposites: Role in water purification through efficient removal of dyes and metal ions	Saya, L., Malik, V., Singh, A., Singh, S., Gambhir, G., Singh, W.R., Chandra, R. and Hooda, S.	Chemistry	Carbohydrate Polymers	2021	0144-8617 / 1879-1344	https://doi.org/10.1016/j.carbpol.2021.118791	https://www.sciencedirect.com/science/article/abs/pii/S0144861721002381	https://www.sciencedirect.com/science/article/abs/pii/S0144861721002381	Indexed in UGC Care List, SCOPUS and Web of Science
Recent advances in a polydopamine mediated Antimicrobial Adhesion system	Singh, I., Dhawan, G., Gupta, S. & Kumar, P.	Biomedical Sciences & Chemistry	Frontiers in Microbiology	2021	1664302X	https://doi.org/10.3389/fmicb.2021.670799	https://www.frontiersin.org/articles/10.3389/fmicb.2021.670799/full	https://www.frontiersin.org/articles/10.3389/fmicb.2021.670799/full	Indexed in UGC Care List, SCOPUS and Web of Science
Antimicrobial, radical scavenging and dye degradation potential of nontoxic biogenic silver nanoparticles using <i>Cassia fistula</i> pods	Singh, I., Gupta, S., Gautam, H.K., Kumar, P. & Dhawan, G.	Chemistry & Biomedical Sciences	Chemical Papers	2021	2585-7290, 0366-6352	https://doi.org/10.1007/s11696-020-01355-3	https://link.springer.com/article/10.1007/s11696-020-01355-3	https://link.springer.com/article/10.1007/s11696-020-01355-3	Indexed in UGC Care List, SCOPUS and Web of Science
Application of Chitosan in Tissue Engineering	Deka, S.R., Gupta, S. & Kumar, P.	Chemistry	Trends in Carbohydrate Research	2021	0975-0304	https://www.trendscarbo.com/getf_shippingcart.php?tid=410026856	https://www.trendscarbo.com/getf_shippingcart.php?tid=410026856	https://www.trendscarbo.com/getf_shippingcart.php?tid=410026856	Indexed in UGC Care List, SCOPUS and Web of Science
Mannosylated and Mannan Modified nano vector targeting Resident Tissue Macrophages (RTM) for efficient pharmacotherapy	Singh, I., Gupta, S., Dhawan, G., & Kumar, P.	Chemistry & Biomedical Sciences	Trends in Carbohydrate Research	2021	0975-0304	https://www.trendscarbo.com/getf_shippingcart.php?tid=282868652	https://www.trendscarbo.com/getf_shippingcart.php?tid=282868652	https://www.trendscarbo.com/getf_shippingcart.php?tid=282868652	Indexed in UGC Care List, SCOPUS and Web of Science
A review targeting the infection by CHIKV using computational and experimental approaches	Kumar, D., Kumari, K., Chandra, R., Jain, P., Vodwal, L., Gambhir, G. and Singh, P.	Chemistry	Journal of Biomolecular Structure and Dynamics	2021	0739-1102 / 1538-0254	https://doi.org/10.1080/07391102.2021.1904004	https://www.tandfonline.com/doi/abs/10.1080/07391102.2021.1904004	https://www.tandfonline.com/doi/abs/10.1080/07391102.2021.1904004	Indexed in UGC Care List and SCOPUS
Synthesis Comparative in vitro antibacterial antioxidant and UV Fluorescence study of bis indol schiff base and molecular docking with ct-DNA and SARS-COV-2 M Pro	Singhal, S., Khanna, P., & Khanna, L.	Chemistry	Luminescence	2021	1522-7243	https://doi.org/10.1002/bio.4098	https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/10.1002/bio.4098	https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/10.1002/bio.4098	Indexed in UGC Care List, SCOPUS and Web of Science
Multitarget Dialyl Disulfides (DADS) against AB Aggregation: Screening through Molecular Docking with AB42 & ZnI-AB16, ADME, DFT & Synthetic Strategy	Singhal, S., Khanna, P., Misra, N. & Khanna, L.	Chemistry	ChemistrySelect	2021	2365-6549	https://doi.org/10.1002/slct.202004635	https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.202004635	https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.202004635	Indexed in UGC Care List, SCOPUS and Web of Science
Screening of compound library identifies novel inhibitors against the MurA enzyme of <i>Escherichia coli</i>	Bajpai, U.	Biomedical Science	Applied Microbiology and Biotechnology	2021	0175-7598, 1432-0614	https://doi.org/10.1007/s00253-020-09635-0	https://doi.org/10.1007/s00253-020-09635-0	https://doi.org/10.1007/s00253-020-09635-0	Indexed in UGC Care List, SCOPUS and Web of Science
Shelter building behaviour of <i>Hasora chromus</i> (Cramer, 1780) larvae (Insecta: Lepidoptera: Hesperidae)	Chaudhary, R.	Biomedical Science	Bionotes	2021	0972-1800	https://entosocindia.org/imagenes/catalog/bionotes/Bionotes%20pdf%20papers/Vol.%2023%2011/FINAL-BIONOTES-2021-MARCH.pdf	https://entosocindia.org/imagenes/catalog/bionotes/Bionotes%20pdf%20papers/Vol.%2023%2011/FINAL-BIONOTES-2021-MARCH.pdf	https://entosocindia.org/imagenes/catalog/bionotes/Bionotes%20pdf%20papers/Vol.%2023%2011/FINAL-BIONOTES-2021-MARCH.pdf	Indexed in Web of Science
Properties of Motion of the Infinitesimal Variable Mass Body in the Well Known Circular Restricted Three-Body Problem with Newtonian and Yukawa Potential	Ansari, A.A., Alam, M., Meena, K.R. & Ali, A.	Mathematics	Applied Mathematics and Information Sciences	2021	1935-0090, 2325-0399	doi:10.18576/amis/150211	https://www.naturalspublishing.com/Article.asp?ArtID=22630	https://www.scopus.com/sourceid/21100197928	Indexed in SCOPUS
On Estimating Scale Parameter of the Selected Pareto Population under the Generalized Stein Loss Function	Meena, K.R., Gangopadhyay, A.K., & Abdalghani, O.	Mathematics	AMERICAN JOURNAL OF MATHEMATICAL AND MANAGEMENT SCIENCES	2021	0196-6324, 2325-8454	https://doi.org/10.1080/01966324.2021.1891999	https://www.tandfonline.com/doi/abs/10.1080/01966324.2021.1891999	https://www.scopus.com/sourceid/24650	Indexed in SCOPUS
Alternative Treatment Strategies for Secondary Bacterial and Fungal Infections Associated with COVID-19	Das, R., Kotra, K., Singh, P., Loh, B., Lepthn, S. and Bajpai, U	Biomedical Science	Infectious disease and therapy	2021	2193-8229 / 2193-6382	https://doi.org/10.1007/s40121-021-00559-8	https://link.springer.com/article/10.1007/s40121-021-00559-8	https://link.springer.com/article/10.1007/s40121-021-00559-8	Indexed in UGC Care List, SCOPUS and Web of Science

Synthesis and characterization of nanoselenium: A step-by-step guide for undergraduate students	Dhawan, G., Singh, I., Dhawan, U., and Kumar, P	Biomedical Science	Journal of Chemical Education	2021	0021-9584 / 1938-1328	https://pubs.acs.org/doi/abs/10.1021/acs.jchemed.0c01467	https://pubs.acs.org/doi/abs/10.1021/acs.jchemed.0c01467	https://pubs.acs.org/doi/abs/10.1021/acs.jchemed.0c01467	Indexed in UGC Care List, SCOPUS and Web of Science
Self-assembled biodegradable core-shell nanocomposites of amphiphilic retinoic acid-LMW BPEI conjugates exhibit enhanced transgene expression in hepatocellular carcinoma cells with inherent anticancer properties	Ahmadi, Z., Jena, H., Singh, M., Dhawan, G., and Kumar, P.	Biomedical Science	Journal of Pharmaceutical Science	2021	0022-3549	https://doi.org/10.1016/j.xphs.2021.09.002	https://pubs.rsc.org/doi/10.1039/D1PY00022A	https://www.scopus.com/sourceid/2307935492100238-0/fulltext	Indexed in UGC Care List, SCOPUS and Web of Science
Fluorine-containing pharmaceuticals approved by the FDA in 2020: Synthesis and biological activity	Yu, Y., Liu, A., Dhawan, G., Mei, H., Zhang, W., Itzawa, K., Soloshonok, V. A., and Han, J.	Biomedical Science	Chinese Chemical Letters	2021	1001-8417 / 1878-5964	https://www.sciencedirect.com/science/article/abs/pii/S1001841721003557	https://www.sciencedirect.com/science/article/abs/pii/S1001841721003557	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
Peroxiredoxin-6: A Guardian of Lung Pathophysiology.	Kumari, A., Chowhan, R. K., Kalchigramam, P., Shahna, S., Rahman, H., Ansari, M. S., and Singh, L. R.	Biomedical Science	Current Protein and Peptide Science	2021	1389-2037 / 1875-5550	https://doi.org/10.1016/j.cclpt.2021.09.002	https://www.eurekaselect.com/article/138761	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
Signaling mechanisms and biochemical pathways regulating pollen-stigma interaction, seed development and seedling growth in sunflower under salt stress.	Batla, S. C., Gogna, M., Jain, P., Singh, N., Mukherjee, S., Kalra, G.	Botany	Plant Signaling and Behaviour	2021	1559-2316 / 1559-2324	https://doi.org/10.1080/15592324.2021.1958129	https://www.tandfonline.com/doi/full/10.1080/15592324.2021.1958129	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
Unraveling the AM fungal community for understanding its ecosystem resilience to changed climate in agroecosystems	Chourasiya D., Gupta M. M., Sahni S., Gehl F., Agrihotri R., Buade R., Maheshwari H. S., Prakash A. and Sharma M. P.	Botany	Symbiosis	2021	0334-5114 / 1878-7665	https://doi.org/10.1007/s13199-021-00761-9	https://link.springer.com/article/10.1007/s13199-021-00761-9	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
Al ₂ O ₃ /Cu/PAN/nanocomposite catalyzed green synthesis of biologically active 2-substituted benzimidazole derivatives	Kohli, S., Rathee, G., Hooda, S., and Chandra, R.	Chemistry	Dalton Transactions	2021	1477-9226 / 1477-9234	https://doi.org/10.1039/D1DT00080D	https://pubs.rsc.org/en/content/articlelanding/2021/D1DT00080D	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
Multifunctional activity of graphene oxide-based nanoformulation against the disease vector, <i>Aedes aegypti</i> .	Gupta, D., Samal, R. R., Gautam, D., Hooda, S., and Kumar, S.	Chemistry	Journal of Applied and Natural Science	2021	0974-9411	https://doi.org/10.31018/jans.v13i04.001	https://journals.anfoundation.org/index.php/jans/article/view/2018	https://www.scopus.com/sourceid/21101016916	Indexed in UGC Care List, SCOPUS and Web of Science
A comprehensive review on recent advances toward sequestration of levofloxacin antibiotic from wastewater	Saya, L., Malik, V., Gautam, D., Gambhir, G., Singh, W. R. and Hooda, S.	Chemistry	Science of the Total Environment	2021	0048-9697 / 1879-1026	https://doi.org/10.1016/j.scitotenv.2021.08.163	https://www.sciencedirect.com/science/article/abs/pii/S0048969721076075?via=ihub	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
In water ⁺ synthesis of bis (indolyl) methanes: a review	Khanna, L., Mansi, Yadav, S., Misra, N., and Khanna, P.	Chemistry	Synthetic Communications	2021	0039-7911 / 1532-2432	https://doi.org/10.1080/00397911.2021.1957138	https://www.tandfonline.com/doi/abs/10.1080/00397911.2021.1957138	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
A DFT Study of Interaction of (CdSe) 3 Quantum Dots with Nucleobases.	Malik, P., and Kakkar, R	Chemistry	Advanced Materials Letters	2021	0976-3961	https://doi.org/10.5185/amlett.2021.081653	https://am.amaonline.org/article_14098.html	https://www.scopus.com/sourceid/21100223579	Indexed in SCOPUS
Size-dependent structural and electronic properties of stoichiometric II-VI quantum dots and gas sensing ability of CdSe quantum dots: a DFT study	Singh, J., Thareja, R., Malik, P., and Kakkar, R.	Chemistry	Journal of Nanoparticle Research	2021	1388-0764 / 1572-896X	https://doi.org/10.1007/s11051-021-05406-6	https://link.springer.com/article/10.1007/s11051-021-05406-6	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
Surface engineered Iridium-based magnetic photocatalyst paving a path towards visible light driven CH ₄ arylation and cyanation reaction.	Rana, P., Gaur, R., Kaushik, B., P. Rana, Yadav, S., Yadav, P., Sharma, P., Gawande M. B. and Sharma, R. K.	Chemistry	Journal of Catalysis	2021	0021-9517 / 1090-2694	https://doi.org/10.1016/j.jcat.2021.09.002	https://www.sciencedirect.com/science/article/abs/pii/S002195172100316X?via=ihub	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
Unlocking the catalytic potency of a magnetic responsive CoFe ₂ O ₄ /Ni-BTC MOF composite for the sustainable synthesis of tri- and tetra-substituted imidazoles.	Yadav, S., Dixit, R., Sharma, S., Dutta, S., Arora, B., Rana, P., Kaushik, B., Adholeya, A., Gawande, M.B. and Sharma, R.K	Chemistry	Materials Chemistry Frontiers	2021	2052-1537	https://doi.org/10.1039/D1QM00040A	https://pubs.rsc.org/en/content/articlelanding/2021/QM/D1QM00040A	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
Enhanced catalysis through structurally modified hybrid 2-D boron nitride nanosheets comprising of complex 2-hydroxy-4-methoxybenzophenone motif.	Rana, P., Dixit, R., Sharma, S., Dutta, S., Yadav, S., Sharma, A., Kaushik, B., Adholeya, A. and Sharma, R.K	Chemistry	Scientific reports	2021	2045-2322	https://doi.org/10.1038/s41598-021-03992-4	https://www.nature.com/articles/s41598-021-03992-4	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
Identifying Central Nodes in Directed and Weighted Networks	Kaur, S., Gupta, A., and Saxena, R.	Commerce	International Journal of Advanced Computer Science and Applications	2021	2158-107X / 2156-5570	https://doi.org/10.14569/IJACSA.2021.012008	https://thesai.org/Downloads/Volume12No8/Paper_100	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
Perception of youth on Digital India	Narang, S., Singhania, M., Kaur, S., and Mahajan, S.	Commerce	International Journal of Business Innovation and Research	2021	1751-0252	https://doi.org/10.1504/IJIBIR.2021.116393	https://www.inderscienceonline.com/doi/abs/10.1504/IJIBIR.2021.116393	https://www.scopus.com/sourceid/21100153572	Indexed in UGC Care List and SCOPUS
Intensity quantification of public opinion and emotion analysis on climate change	Thukral, T., Varshney, A., and Gaur, V.	Computer Science	International Journal of Advanced Technology and Engineering Exploration	2021	2394-5443	https://doi.org/10.19101/IJATEE.2021.87411.Z	https://www.aacentsjournals.org/paperinfo.php?journalPaperId=1352	https://www.scopus.com/sourceid/21101023180	Indexed in UGC Care List and SCOPUS
A smart learning assistance tool for inclusive education	Srivastava, S., Varshney, A., Katyal, S., Kaur, R., and Gaur, V.	Computer Science	Journal of Intelligent and Fuzzy Systems	2021	1064-1246	https://doi.org/10.3233/JIFS-210075	https://dl.acm.org/doi/abs/10.3233/JIFS-210075	https://www.scopus.com/sourceid/23917	Indexed in UGC Care List and SCOPUS
Varying sonication conditions to tailor surface morphology of GO thin films for enhanced gas sensing performance.	Dhingra, V., Kumar, S., Chowdhuri, A., and Garg, A.	Electronics	AIP Conference Proceedings	2021	0094-243X	https://doi.org/10.1063/1.5060996	https://aip.scitation.org/doi/abs/10.1063/1.5060996	https://www.scopus.com/sourceid/26916	Indexed in UGC Care List and SCOPUS
Optimal ordering policy for deteriorating items with stock dependent demand, partial backlogging and trade credit period	Verma, S.K., Rizwanullah, M. and Singh, C.	Mathematics	International Journal of Logistics Systems and Management	2021	1742-7967	https://doi.org/10.1504/IJLSM.2021.117709	https://www.inderscienceonline.com/doi/abs/10.1504/IJLSM.2021.117709	https://www.scopus.com/sourceid/4700151504	Indexed in UGC Care List and SCOPUS
A systematic review on the eco-safe management of mosquitoes with diflubenzuron: An effective growth regulatory agent	Sankar, M. and Kumar, S.	Zoology	Acta Ecologica Sinica	2021	1000-0933	https://doi.org/10.1016/j.chnasa.2021.09.002	https://www.sciencedirect.com/science/article/pii/S1872203221001244	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science
Indigenous plants demonstrating effective antioxidant properties	Yadav, K. S., Samal, R., Sahgal, A. and Kumar, S.	Zoology	Biology Bulletin	2021	1062-3590 / 1608-3059	https://doi.org/10.1134/S1062359022010162	https://link.springer.com/article/10.1134/S1062359022010162	https://pubs.rsc.org/doi/10.1039/D1PY00022A	Indexed in UGC Care List, SCOPUS and Web of Science

Attractive sugar bait formulation for development of Attractive Toxic Sugar Bait for control of <i>Aedes aegypti</i> (Linnaeus).	Kumar, S. Sharma, A. Samal, R. R., Kumar, M., Verma, V., Sagar, R. K., Singh S. P. and Raghavendra K.	Zoology	Journal of Tropical Medicine	2022	1687-9686 / 1687-9694	https://doi.org/10.1155/2022/2977454/	https://www.hindawi.com/journals/jtm/2022/2977454/	https://www.hindawi.com/journals/jtm/2022/2977454/	Indexed in UGC Care List, SCOPUS and Web of Science
Molecular characterization and transcriptional modulation of stress-responsive genes under heavy metal stress in freshwater ciliate <i>Euplotes aediculatus</i>	Somasundaram, S., Abraham, J. S., Maurya, S., Toteja, R., Gupta, R., and Makhija, S.	Zoology	Ecotoxicology	2022	0963-9292 / 1573-3017	https://doi.org/10.1007/s10646-022-01029-6	https://link.springer.com/article/10.1007/s10646-022-01029-6	https://link.springer.com/article/10.1007/s10646-022-01029-6	Indexed in UGC Care List, SCOPUS and Web of Science
Microbial Journey: Mount Everest to Mars	Somasundaram, S., Abraham, J. S., Maurya, S., Toteja, R., Gupta, R., Makhija, S., Jayaraj, P., Makhija, S., Gupta, R., Sahni, S., Nayyar, N., Verma, M., Singhvi, N., Lal, S., Rawat, C. D., Singh, V. K., Kaur, J., Verma, H., Tripathi, C., Singh, P., Dua, A., Saxena, A., Phartyal, R., Jayaraj, P., Makhija, S., Gupta, R., Sahni, S., Nayyar, N., Abraham, J. S., Somasundaram, S., Toteja, R., Makhija, S.	Zoology	Indian Journal of Microbiology	2022	0046-8991 / 0973-7715	https://doi.org/10.1007/s12088-022-01029-6	https://link.springer.com/article/10.1007/s12088-022-01029-6	https://link.springer.com/article/10.1007/s12088-022-01029-6	Indexed in UGC Care List, SCOPUS and Web of Science
A Comparative Study of Physical and Chemical Parameters and Ciliate Diversity of Leachate Contaminated Soil from the Landfill and the Soil from the Human Inhabitant Land	Maurya, S., Abraham, J. S., Somasundaram, S., Dagar, J., Gupta, R., Makhija, S., Bhagat, P., and Toteja, R.	Zoology	Eurasian Soil Science	2022	1064-2293 / 1556-195X	https://doi.org/10.1134/S1064229322080117	https://link.springer.com/article/10.1134/S1064229322080117	https://link.springer.com/article/10.1134/S1064229322080117	Indexed in UGC Care List, SCOPUS and Web of Science
The Role of Nanotechnology in Antiviral Regime: An Overview	Singh, R., Gupta, S. and Kumar, P.	Chemistry	Nano Life	2022	1793-9844 / 1793-9852	https://doi.org/10.1142/S1793984421300119	https://www.worldscientific.com/doi/abs/10.1142/S1793984421300119	https://www.worldscientific.com/doi/abs/10.1142/S1793984421300119	Indexed in UGC Care List and Web of Science