Academic Year	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal	Link to the article/ chapter	Is it listed in UGC Care list
2018-2019	Formation of G-wires, bimolecular and tetramolecular quadruplex: Cation induced structural polymorphs of G-rich DNA sequence of Human SYTX gene.	Ahmed S., Kaushik, M., Chaudhary S., & Kukreti S.	Biopolymers,	2018	0006-3525		https://doi.org/10.1002/bip.23115	Yes
	Structural polymorphism of a Cytosine-rich DNA Sequence forming i-motif structure: Exploring pHbased biosensors.	Ahmed S., Kaushik M., Chaudhary S., & Kukreti S.	International Journal of biological macromolecules,	2018	0141-8130		https://doi.org/10.1016/j.ijbiomac.2018.01.053	Yes
	Structural switch from hairpin to duplex/ antiparallel Gquadruplex at Single Nucleotide Polymorphism (SNP) site of human Apolipoprotein E (APOE) gene coding region.	Chaudhary, S., Kaushik, M., Ahmed, S., Kukreti, R., & Kukreti, S.	ACS Omega,	2018	2470-1343		https://doi.org/10.1021/acsomega.7b01654	Yes
	Emerging trends in advanced nanomaterials based electrochemical genosensors.	Kaushik, M, Komal, S., Neelam, Mishra S., & Kukreti S.	Current Pharmaceutical Design,	2018	1381-6128		https://doi.org/10.2174/1381612824666181109154919	Yes
	Exploring the DNA damaging potential of chitosan and citrate-reduced gold nanoparticles: Physicochemical approach.	Komal, S, Kukreti, S., & Kaushik, M.	International journal of biological macromolecules,	2018	0141-8130		https://doi.org/10.1016/j.ijbiomac.2018.04.115	Yes
	A topological transition from bimolecular quadruplex to G triplex/tri-G-quadruplex exhibited by truncated double repeats of human telomere.	Kumar, M., Kaushik, M., & Kukreti S.	European Biophysical Journal,	2018	0175-7571		https://doi.org/10.1007/s00249-018-1312-4	Yes
	Triggering Innovative Output through Hands-On Learning at Undergraduate Level	Pankaj Tyagi	International Journal of Interdisciplinary Research and Innovations	2018	2348-1218	https://www.researchpublish.com/upload/book/Triggering%20Innovative%20Output-5639.pdf	https://www.researchpublish.com/upload/book/Triggering%20Innovative%20Output-5639.pdf	
	Balanced number system: Application to mathematical puzzles.	Bagai S.,	Resonance,	2018	0973-712X	https://www.ias.ac.in/Journals/Resonance_%E2%80%93_Journal_of_Science_Education/	https://www.ias.ac.in/article/fulltext/reso/023/12/1395-1410	Yes
	Identification of essential genes for metabolic reactions in Mycobacterium tuberculosis through flux balance analysis.	Dhangar, T. K., Pathak, A. K., & Bhaduri, A.	DU Journal of Undergraduate Research and	2018	2395 - 2334	https://journals.du.ac.in/ugresearch/	https://journals.du.ac.in/ugresearch/pdf-vol-3_1/J12.pdf	No
	Prerequisite of a holistic blend of traditional and modern approaches of cancer management.	Kaushik, M., Mahendru, S., Chaudhary, S., Kumar	Current Cancer Therapy Reviews,	2019	1573-3947		https://doi.org/10.2174/1573394714666180417160750	Yes
	Exploring the potential of environment friendly silver nanoparticles for DNA interaction: Physicochemical approach,	Komal, S., Kukreti, S., & Kaushik, M.	Journal of Photochemistry and Photobiology	2019	1011-1344		https://doi.org/10.1016/j.jphotobiol.2019.03.022	Yes

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	Physicochemical investigations of Zinc oxide nanoparticles synthesized from Azadirachta Indica (Neem) leaf extract and their interaction with Calf-Thymus DNA.	Singh, A., Neelam, & Kaushik, M.	Results in Physics	2019	2211-3797		https://doi.org/10.1016/j.rinp.2019.102168	Yes
	Physicochemical Interactions of APTS-ZnFe2O4 Nanoparticles with Bovine Serum Albumin (BSA): Biomedical applications	Neelam, Kaushik, M.*	Journal of Nanoscience and Technology	2019			https://doi.org/10.30799/jnst.242.19050409	Yes
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	Reconfiguration of PTZ camera network with minimum resolution.	Kumar, S., Piciarelli, C., & Singh, H. P.	Advances in Intelligent Systems and Computing,	2019				
	Tuning the Mycobacterium tuberculosis alternative sigma factor SigF through the multidomain regulator Rv1364c and osmosensory kinase, protein kinase D.	Misra, R., Menon, D., Gunjan, A., Virmani, R., Gaur, M., Naz S., Jaisinghani N., Bhaduri, A., et al.	Journal of Bacteriolog,	2019	0021 9193	https://journals.asm.org/journal/jb	https://journals.asm.org/doi/10.1128/jb.00725-18?url_ver=Z39.88-2003&rfr_id=ori%3Arid%3Acrossref.org&rfr_dat=cr_pub++0pubmed	
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	A novel method based on extreme learning machine to predict heating and cooling load through design and structural attributes	Kumar, S., Pal, S. K., & Singh, R. P.	Energy and Buildings	2018	1872-6178	https://www.sciencedirect.com/journal/energy-and-buildings	https://www.sciencedirect.com/science/article/pii/S0378778818300537	YES
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	A secured cryptographic model using intertwining logistic map	Sunil Kumar, Manish Kumar, Rajat Budhiraja, M. K. Das and Sanjeev Singh	Procedia Computer Science	2018	1877-0509	https://www.sciencedirect.com/journal/procedia-computer-science	https://www.sciencedirect.com/science/article/pii/S1877050918320830	
	Securing images with a diffusion mechanism based on Fractiona Brownian Motion	Manish Kumar, Sunil Kumar, Rajat Budhiraja, M.K. Das and Sanjeev Singh	Journal of Information Security and Applications	2018	2214-2126	https://www.sciencedirect.com/journal/journal-of-information-security-and-applications	https://www.sciencedirect.com/science/article/pii/S2214212617306014#:~:text=Finally%2C%20the%20use%20of%20FBM,pixels%20in%20the%20cipher%20image.	
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	Interaction of a photosensitizer methylene blue with various structural forms (cruciform, bulge duplex and hairpin) of designed DNA sequences.	Kumar, M., Kaushik, M., & Kukreti, S.	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy,	2020	1386-1425		https://doi.org/10.1016/j.saa.2020.118716	Yes
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	Converging resources and coproducing for innovation: evidence from health care services	Sehgal, Sanjeewani., & Gupta, Garima	European Journal of Innovation Management	2019	1460-1060	https://www.emerald.com/insight/search?q=Converging+resources+and+coproducing+for+innovation%3A+evidence+from+health+care+services&showAll=true	https://doi.org/10.1108/EJIM-02-2019-0047	YES

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	Designing a two-stage colorimetric sensing strategy based on citrate reduced gold nanoparticles: Sequential detection of Sanguinarine (anticancer drug) and visual sensing of DNA.	Khurana, S., Kukreti, S., & Kaushik, M.	Spectrochimica Acta Part A: Molecular	2021	1386-1425		https://doi.org/10.1016/j.saa.2020.119039	YES
	Innovative application of facile single pot green synthesized CuO and CuO@ APTES nanoparticles in nanopriming of Vigna radiata seeds.	Sarkar, N., Sharma, R. S., & Kaushik, M.	Environmental Science and Pollution Research	2021	1614-7499		https://doi.org/10.1007/s11356-020-11493-6	YES
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	Phytochemical analysis and Antifungal activity of weed extracts against Rhizoctonia root rot in buckwheat (Fagopyrum sp.)	Pathak N ., Prajneshu M., Ahmad A., Kumar L., Bhaduri A., Dhandapani A.,	Biopesticide International	2020	0976-9412	https://www.connectjournals.com/bi	https://connectjournals.com/file_html_pdf/3305802H_05_BI_432_125-131a.pdf	YES
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	SRSPIA: Security Based Recommender System Against Profile Injection Attack.	Verma A. K., et al,	International Journal of Engineering Trends and	2021				
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	Writing Mathematical Theorems: Towards an Innovative Pedagogy	Pankaj Tyagi	Indian Journal of Science and Technology	2021	0974-6846	https://indjst.org/articles/writing-mathematical-theorems-towards-an-innovative-pedagogy	https://doi.org/10.17485/IJST/v14i15.452	YES
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	Innovative Science Practices for Mentoring Potentially Gifted Students in India	Pankaj Tyagi	Indian Journal of Science and Technology	2022	0974-6846	https://indjst.org/articles/innovative-science-practices-for-mentoring-potentially-gifted-students-in-india	https ://doi.org/10.17485/IJST/v15i25.757	YES
	ensor network driven novel hybrid model based on feature selection and svr to predict indoor temperature for energy consumption op- timisation in smart buildings.	Kumar, S., Nisha, Z., Singh, J., & Sharma, A. K.	International Journal of System Assurance Engineering and Management,	2022	0976-4348	https://www.springer.com/journal/13198	https://link.springer.com/article/10.1007/s13198-022-01795-y	YES
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	Exploring the interaction of Guanidine ligands Amiloride, Rimeporide and Cariporide with DNA for understanding their role as inhibitors of Na+/H+ Exchangers (NHEs): A spectroscopic and molecular docking investigation	S. Chaudhary, Pankaj Kumar, M. Kaushik*	International Journal of Biological Macromolecules	2022	0141-8130		https://doi.org/10.1016/j.ijbiomac.2022.06.009	YES
	Probing multifunctional azure B conjugated gold nanoparticles with serum protein binding properties for trimodal photothermal, photodynamic, and chemo therapy: Biophysical and photophysical investigations.	Sonia, SinghA., Bora, S., Kukreti, R., Kukreti, S. & Kaushik, M.,	Biomaterials Advances,	2022	0928-4931		http://dx.doi.org/10.1016/j.msec.2022.112678	YES
	Nanopaper Biosensors at Point of Care	P. Kumar, N. Sarkar, A. Singh, M. Kaushik*	Bioconjugate Chemistry	2022	1043-1802		https://doi.org/10.1021/acs.bioconjchem.2c00213	YES
	Nanomaterials and DNA multistranded structures: a treasure hunt for targeting specific biomedical applications ,	Mehra, K., Khurana, S., Kukreti, S., Kaushik. M. ,	Journal of Biomolecular structure and dynamics	2022	1538-0254		https://www.tandfonline.com/doi/abs/10.1080/07391102.2022.2159878	YES
	Influence of Green Synthesized Zinc Oxide Nanoparticles on Molecular Interaction and Comparative Binding of Azure Dye with Chymotrypsin: Novel Nano-Conjugate for Cancer Phototherapy ,	Singh, A., Kumar, P., Sarkar, N., & Kaushik, M. ,	Pharmaceutics	2022	1999-4923		https://doi.org/10.3390/pharmaceutics15010074	YES
	Interface of G-quadruplex with both stabilizing and destabilizing ligands for targeting various diseases	S. Chaudhary, Mohan Kumar, M. Kaushik*	International Journal of Biological Macromolecules	2022	0141-8130		https://doi.org/10.1016/j.ijbiomac.2022.07.248	YES
	Collaborative filtering-based recommendations against shilling attacks with particle swarm optimiser and entropy-based mean clustering ,	Verma, A. K., & Dixit, V. S. ,	International Journal of Information and Computer Security	2023				
	Numerical Simulation of bio-heat transfer for cryoablation of regularly shaped tumours in liver tissue using multiprobes ,	Sonam Tanwar, Lalhmingsangi Famhawite, Pooja Raj Verma ,	Journal of Thermal Biology	2023	1879-0992	https://www.sciencedirect.com/journal/journal-of-thermal-biology	https://doi.org/10.1016/j.jtherbio.2023.103531	YES
	Effectiveness of Metaphorical Communication in Government Campaign on Digitization ,	Anjuman Antil, Neha Saini, Sanjeewani Sehgal , Shalini	FIIB Review	2023				
	SWI/SNF Chromatin Remodelers: Structural, Functional and Mechanistic Implications ,	A Singh, SB Modak, MM Chaturvedi, JS Purohit ,	Cell Biochemistry and Biophysics	2023	1559-0283.	https://www.springer.com/journal/12013	file:///C:/Users/CIC/Downloads/s12013-023-01140-5-9.pdf	yes
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	Protein kinases: Role of their dysregulation in carcinogenesis, identification, and inhibition	N. Sarkar, A. Singh, P. Kumar, M. Kaushik*	Drug Research	2023	2194-9379		http://dx.doi.org/10.1303 9/501100007063	YES
	Nanomaterials to address the genesis of antibiotic resistance in Escherichia coli ,	Kaushik, M., Sarkar, N., Singh, A., & Kumar, P.	Frontiers in Cellular and Infection Microbiology,	2023	2235-2988		doi: 10.3389/fcimb.2022.946184	YES
	Strip-saturation model for arbitrary polarized electro-elastic material weakened by an eccentrically situated anti-plane semi-permeable crack	P.R.Verma, M. Meena & N. Yadav	International Journal for Computational Methods in Engineering Science	2023			https://doi.org/10.1080/15502287.2023.2261258	Yes
	Dynamical Analysis of COVID-19 Model Incorporating Environmental Factors	Kumari, P., Singh, S. and Singh, H. P.	Iranian Journal of Science and Technology.	2022	2731-8109	https://www.springer.com/journal/40995	https://doi.org/10.1007/s40995-022-01372-9	
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	Collaborative filtering-based recommendations against shilling attacks with particle swarm optimiser and entropy-based mean clustering	Verma AK, Dixit VS	International Journal of Information and Computer Security.	2023	1744-1765	https://www.inderscienceonline.com/doi/abs/10.1504/IJICS.2023.128005	https://doi.org/10.1504/IJICS.2023.128005	YES

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	SRSPIA: Security Based Recommender System Against Profile Injection Attack	Verma AK, Dixit VS	International Journal of Engineering Trends and	2022	2349-0918	https://ijettjournal.org/archive/ijett-v69i3p233	DOI : 10.14445/22315381/IJETT-V69I3P233	YES