

Publications in Scopus-Indexed Journals

S.No	Author names	Title of the Paper	Journal details	Year
Biomedical Science				
1	Raina, D., Tiwari, H., Sharma, S., Chinthakindi, P.K., Nargotra, A., Sangwan, P.L., Eniyan, K., Bajpai, U., Vishwakarma, R.A., Khan, F.G. & Saran, S.	Screening of compound library identifies novel inhibitors against the MurA enzyme of Escherichia coli.	<i>Applied Microbiology and Biotechnology</i> , 105(9), 3611-3623. https://doi.org/10.1007/s00253-021-11272-4 .	2021
2	Das, R., & Bajpai, U	Functional characterization of a DNA-dependent AAA ATPase in SimranZ1, a F cluster mycobacteriophage.	<i>bioRxiv</i> . doi.org/10.1101/2021.03.11.434926.	2021
3	Hervin, V., Arora, R., Rani, J., Ramchandran, S., Bajpai, U.	Agrofoglio, L. A., & Roy, V. (2020). 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.	<i>Molecules</i> , 25(21), 4953. https://doi.org/10.3390/molecules25214953	2020
4	Eniyan, K., Sinha, A., Ahmad, S., & Bajpai, U.	Functional characterization of the endolysins derived from mycobacteriophage PDRPxv	<i>World Journal of Microbiology and Biotechnology</i> , 36, 1-11. doi: 10.1007/s11274-020-02858-7.	2020
5	Sinha, A., Eniyan, K., Manohar, P., Ramesh, N., & Bajpai, U.	Characterization and genome analysis of B1 sub-cluster mycobacteriophage PDRPxv.	<i>Virus research</i> , 279, 197884. https://doi.org/10.1016/j.virusres.2020.197884	2020
6	Muthengi, A., Wimalasena, V.K., Yosief, H.O., Bikowitz,	Development of Dimethylisoxazole-Imidazo [1, 2-a] pyridines as Potent	<i>Journal of Medicinal Chemistry</i> , 64(9), 5787-5801.	2021

	M.J., Sigua, L.H., Wang, T., Li, D., Gaieb, Z., Dhawan, G. , Liu, S. and Erickson, J.	Selective CBP/P300 Inhibitors.	https://doi.org/10.1021/acs.jmedchem.0c02232	
7	Chugh, H., Awasthi, A., Agarwal, Y., Gaur, R. K., Dhawan, G. , & Chandra, R.	A comprehensive review on potential therapeutics interventions for COVID-19.	<i>European journal of Pharmacology</i> , 890, 173741. https://doi.org/10.1016/j.ejphar.2020.173741	2020
8	Khanna, M., Agrawal, N., Chandra, R., & Dhawan, G.	Targeting unfolded protein response: a new horizon for disease control.	<i>Expert Reviews in Molecular Medicine</i> , 23(e1), 1–12. https://doi.org/10.1017/erm.2021.2	2021
9	Singh, I., Gupta, S. , Gautam, H. K., Dhawan, G. , & Kumar, P.	Antimicrobial, radical scavenging, and dye degradation potential of nontoxic biogenic silver nanoparticles using Cassia fistula pods.	<i>Chemical Papers</i> , 75(3), 979-991. https://doi.org/10.1007/s11696-020-01355-3	2021
10	Singh, I., Dhawan, G. , Gupta, S. , & Kumar, P.	Recent Advances in a Polydopamine-Mediated Antimicrobial Adhesion System.	<i>Frontiers in Microbiology</i> , 11, 3326. https://doi.org/10.3389/fmicb.2020.607099	2021
11	Ahmadi, Z., Jena, H., Singh, M., Dhawan, G. , & Kumar, P.	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.	<i>Journal of Pharmaceutical Sciences</i> . https://doi.org/10.1016/j.xphs.2021.04.016	2021
12	Yu, Y., Liu, A., Dhawan, G. , Mei, H., Zhang, W., Izawa, K., & Han, J.	Fluorine-containing pharmaceuticals approved by the FDA in 2020: Synthesis and biological activity.	<i>Chinese Chemical Letters</i> . https://doi.org/10.1016/j.ccllet.2021.05.042	2021

13	Chugh, H., Kumar, P., Kumar, N., Gaur, R. K., Dhawan, G. , & Chandra, R.	Ex vivo binding studies of the anti-cancer drug noscapine with human hemoglobin: a spectroscopic and molecular docking study.	<i>New Journal of Chemistry</i> , 45(3), 1525-1534. https://doi.org/10.1039/D0NJ03334K	2021
14	Singh, I., Priyam, A., Jha, D., Dhawan, G. , Gautam, H. K., & Kumar, P.	Polydopamine–aminoglycoside nanoconjugates: Synthesis, characterization, antimicrobial evaluation and cytocompatibility.	<i>Materials Science and Engineering: C</i> , 107, 110284. https://doi.org/10.1016/j.msec.2019.110284	2020
15	Chowhan, R. K. , Hotumalani, S., Rahaman, H., & Singh, L. R.	pH induced conformational alteration in human peroxiredoxin 6 might be responsible for its resistance against lysosomal pH or high temperature. .	<i>Scientific Reports</i> , 11(1), 1-10. https://doi.org/10.1038/s41598-021-89093-8	2021
16	Shahnaj, S., Potshangbam, A. M., Chowhan, R. K. , Parray, Z. A., Kakchingtabam, P., Kumari, A., ... & Rahaman, H.	The anti-oxidant enzyme, Prdx6 might have cis-acting regulatory sequence (s).	<i>International Journal of Biological Macromolecules</i> , 149, 1139-1150. https://doi.org/10.1016/j.ijbiomac.2020.01.311	2020
17	Mishra, S., Goyal, P., Kumar, D. , Chaudhari, R., & Rajala, M. S.	Experimental validation of influenza A virus matrix protein (M1) interaction with host cellular alpha enolase and pyruvate kinase. .	<i>Virology</i> , 549, 59-67. https://doi.org/10.1016/j.virol.2020.07.019	2020
18	Singh, N. , Prasad, P., Das, B., & Rastogi, S.	Does tumour necrosis factor alpha-induced cyclooxygenase-2 expression lead to spontaneous abortion in Chlamydia trachomatis-infected women. <i>Microbial</i>	<i>Pathogenesis</i> , 142, 103994. https://doi.org/10.1016/j.micpath.2020.103994	2020
19	Pradhan, P. , Srivastava, A., Singh, J., Biswas, B., Saini, A., Siddique, I., & Kundu, B.	Prion protein transcription is auto-regulated through dynamic interactions with G-quadruplex	<i>Biochimica et Biophysica Acta (BBA)-Gene Regulatory Mechanisms</i> , 1863(3), 194479.	2020

		motifs in its own promoter.	https://doi.org/10.1016/j.bbagrm.2019.194479	
Botany				
20	Chourasiya, D., Gupta, M. M., Sahni, S. , Oehl, F., Agnihotri, R., Buade, R., & Sharma, M. P.	Unraveling the AM fungal community for understanding its ecosystem resilience to changed climate in agroecosystems.	<i>Symbiosis</i> , 1-16. https://doi.org/10.1007/s13199-021-00761-9	2021
Chemistry				
21	Sharma, B., Singh, I., Bajar, S., Gupta, S. , Gautam, H., & Kumar, P.	Biogenic silver nanoparticles: evaluation of their biological and catalytic potential.	<i>Indian Journal of Microbiology</i> , 60, 468-474. https://doi.org/10.1007/s12088-020-00889-0	2020
22	Gupta, S. , Singh, I., Sharma, A. K., & Kumar, P.	Ultrashort peptide self-assembly: Front-runners to transport drug and gene cargos.	<i>Frontiers in Bioengineering and Biotechnology</i> , 8, 504. https://doi.org/10.3389/fbioe.2020.00504	2020
23	Gautam, D., & Hooda, S.	Magnetic Graphene Oxide/Chitin Nanocomposites for Efficient Adsorption of Methylene Blue and Crystal Violet from Aqueous Solutions. <i>Journal of Chemical & Engineering Data</i> , 65(8), 4052-4062.	<i>Journal of Chemical & Engineering Data</i> , 65(8), 4052-4062. https://doi.org/10.1021/acs.jced.0c00350	2020
24	Rathee, G., Kohli, S., Panchal, S., Singh, N., Awasthi, A., Singh, S., Hooda, S. , & Chandra, R.	Fabrication of a Gold-Supported NiAlTi-Layered Double Hydroxide Nanocatalyst for Organic Transformations. <i>ACS Omega</i> , 5(37), 23967-23974.	<i>ACS Omega</i> , 5(37), 23967-23974. https://doi.org/10.1021/acsomega.0c03250	2020
25	Gautam, D., Saya, L., & Hooda, S.	Fe ₃ O ₄ loaded chitin–A promising nano adsorbent for Reactive Blue	<i>Environmental Advances</i> , 2, 100014. https://doi.org/10.1016/j.envadv.2020	2020

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26	Saya, L., Gautam, D., Malik, V., Singh, W. R., & Hooda, S.	Natural polysaccharide based graphene oxide nanocomposites for removal of dyes from wastewater: a review.	<i>Journal of Chemical & Engineering Data</i> , 66(1), 11-37. https://doi.org/10.1021/acs.jced.0c00743	2020
27	Saya, L., Malik, V., Singh, A., Singh, S., Gambhir, G., Singh, W. R., & Hooda, S.	Guar gum based nanocomposites: Role in water purification through efficient removal of dyes and metal ions.	<i>Carbohydrate Polymers</i> , 117851. https://doi.org/10.1016/j.carbpol.2021.117851	2021
28	Kohli, S., Rathee, G., Hooda, S., & Chandra, R.	Al ₂ O ₃ /CuI/PANI nanocomposite catalyzed green synthesis of biologically active 2-substituted benzimidazole derivatives.	<i>Dalton Transactions</i> 50, 7750-7758 https://doi.org/10.1039/D1DT00806D	2021
29	Alhokbany, N. S., Naushad, M., Kumar, V., Alshehri, S. M., & Ahamad, T.	Self-nitrogen doped carbons aerogel derived from waste cigarette butts (cellulose acetate) for the adsorption of BPA: Kinetics and adsorption mechanisms.	<i>Journal of King Saud University-Science</i> , 32(8), 3351-3358. https://doi.org/10.1016/j.jksus.2020.09.021	2020
30	Lal, S., Prakash, K., Hooda, S., Kumar, V., & Kumar, P.	Ibuprofen-based chemosensor for efficient binding and sensing of Cu ²⁺ ion in aqueous medium.	<i>Journal of Molecular Structure</i> , 1199, 127003. https://doi.org/10.1016/j.molstruc.2019.127003	2020
31	Singhal, S., Khanna, P., Misra, N., & Khanna, L.	Multitarget Diallyl Disulfides (DADS) against A β Aggregation: Screening through Molecular Docking with A β 42 & ZnII-A β 16,	<i>Chemistry Select</i> , 6(17), 4112-4123. https://doi.org/10.1002/slct.202004635	2021

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32	Khanna, L., Singhal, S., Jain, S. C., & Khanna, P.	Spiro-Indole-Coumarin Hybrids: Synthesis, ADME, DFT, NBO Studies and In Silico Screening through Molecular Docking on DNA G-Quadruplex.	<i>Chemistry Select</i> , 5(11), 3420-3433. https://doi.org/10.1002/slct.201904783	2020
33	Kumar, D., Kumari, K., Chandra, R., Jain, P., Vodwal, L., Gambhir, G., & Singh, P.	A review targeting the infection by CHIKV using computational and experimental approaches.	<i>Journal of Biomolecular Structure and Dynamics</i> , 1-15. https://doi.org/10.1080/07391102.2021.1904004 .	2021
34	Meena, R. K., Meena, R., Arya, D. K., Jadoun, S., Hada, R., & Kumari, R.	Synthesis of Silver Nanoparticles by Phyllanthus emblica Plant Extract and Their Antibacterial Activity.	<i>Material Science Research India</i> , 17(2), 136-145. http://dx.doi.org/10.13005/msri/170206	2020
Computer Science				
35	Samal, C. K.	Reliable Path Finding Technique for Mobile Robot.	<i>INFOCOMP Journal of Computer Science</i> , 19(2), 42-56. http://infocomp.dcc.ufla.br/index.php/infocomp/article/view/994	2020
Electronics				
36	Garg, A., Sharma, P., Verma, V., & Kaur, T.	Android-based application for shading analysis and assessment of actual solar energy potential.	In <i>New Concepts in Solar and Thermal Radiation Conversion III</i> (Vol. 11496, p. 114960G). International Society for Optics and Photonics. https://spie.org/Publications/Proceedings/Paper/10.1117/12.2570966?print=2	2020
37	Garg, A., Sharma, P., Prajapat, P., Saxena, A., Pandey, P., Tyagi, A., ... &	Some fun pedagogical techniques to teach optics to students of all ages.	In <i>Optics Education and Outreach VI</i> (Vol. 11480, p. 114800R). International Society for Optics and	2020

	Sharma, A.		Photonics https://spie.org/Publications/Proceedings/Paper/10.1117/12.2570964?print=2	
38	Dhingra, V. , Kumar, S., Kumar, R., Garg, A. , & Chowdhuri, A.	Room temperature SO ₂ and H ₂ gas sensing using hydrothermally grown GO–ZnO nanorod composite films.	<i>Materials Research Express</i> , 7(6), 065012. https://doi.org/10.1088/2053-1591/ab9ae7	2020
39	Garg, A. , Sharma, P., Verma, V., Yadav, S., & Tyagi, A..	Artificial Intelligence Assisted Smart Mirror.	<i>International Journal of Scientific and Technical Advancements I, IJSTAV6N4Y20_M61</i> PP. 33-38	2020
40	Rani, M., Kashyap, J., Singh, U. , & Kapoor, A.	Impact of fabrication of pyramidal structure on silicon wafer surface in ZnO/Si heterojunction.	In <i>AIP Conference Proceedings</i> (Vol. 2220, No. 1, p. 020179). AIP Publishing LLC. https://doi.org/10.1063/5.0001996	2020
41	Kashyap, J., Shokeen, P., Rani, M., Singh, U. , & Kapoor, A.	Absorption enhancement by surface texturing in ZnO/Si heterojunction.	In <i>AIP Conference Proceedings</i> (Vol. 2220, No. 1, p. 020181). AIP Publishing LLC. https://doi.org/10.1063/5.0001997	2020
42	Rani, M., Kashyap, J., Singh, U. , & Kapoor, A.	Optimisation of dielectric spacer layer thickness in Ag nanospheres/ITO/c-Si structure for plasmonic solar cells using FDTD simulation.	<i>Materials Technology</i> , 1-9. https://doi.org/10.1080/10667857.2021.1940046	2021
43	Chugh, N., Kumar, M., Bhattacharya, M. , & Gupta, R. S.	Extraction of admittance parameters of symmetrically doped AlGaIn/GaN/AlGaIn DH-HEMT for microwave frequency applications.	<i>Microsystem Technologies</i> , 1-8. https://doi.org/10.1007/s00542-020-04805-w(0123456789	2020
44	Chugh, N., Kumar, M., Haldar, S., Bhattacharya, M. , & Gupta, R. S.	Applicability of Field Plate in Double Channel GaN HEMT for Radio-Frequency and Power-Electronic Applications.	<i>Silicon</i> , 1-10. https://doi.org/10.1007/s12633-020-00881-9 .	2021

Mathematics				
45	Saxena, P., Singh, C. , & Sharma, K.	Green design and product stewardship approach for two-warehouse inventory model.	<i>Indian Journal of Science and Technology</i> , 13(37), 3850-3870. https://doi.org/10.17485/IJST/v13i37.290	2020
46	Ansari, A. A., Prasad, S. N. , & Singh, C.	Vertical Motion of the Variable Infinitesimal Mass In the Circular Sitnikov Problem.	<i>Applications & Applied Mathematics</i> , 15(2), 1396 – 1406. 41_R1397_AAM_Ansari_AA_051220_Published_121020	2020
47	Singh, C. , & Singh, S. R.	Supply Chain Model for Expiring Items Following Ramp-Type Demand With Stochastic Lead Time Under Crisp and Fuzzy Environment.	<i>International Journal of Fuzzy System Applications (IJFSA)</i> , 9(1), 64-91. https://doi.org/10.4018/IJFSA.2020010103	2020
48	Sharma, J., Singh, C. (2020).	Inventory Model for Constant Demand and Two-Parameter Weibull Deterioration Having Permissible Delayed Payments and Salvage Value under Learning Effect.	<i>IOSR Journal of Mathematics (IOSR-JM)</i> , 16(6), 23-32, e-ISSN: 2278-5728, p-ISSN: 2319-765X.	2020
49	Meena, K. R. , Gangopadhyay, A. K., & Abdalghani, O.). On Estimating Scale Parameter of the Selected Pareto Population under the Generalized Stein Loss Function.	<i>American Journal of Mathematical and Management Sciences</i> , 1-25. https://doi.org/10.1080/01966324.2021.1891999 .	2021
50	Ansari, A. A., Alam, M., Meena, K. R. , & Ali, A.	Properties of Motion of the Infinitesimal Variable Mass Body in the Well Known Circular Restricted Three-Body Problem with Newtonian and Yukawa Potential.	<i>Appl. Math</i> , 15(2), 189-197. http://dx.doi.org/10.18576/amis/150211	2021
51	Meena, K. R. , &	Estimating Parameter of the	<i>Applications & Applied</i>	2020

	Gangopadhyay, A. K.	Selected Uniform Population Under the Generalized Stein Loss Function.	<i>Mathematics</i> , 15(2), 894 – 915. 10_R1387_AAM_Gangopadhyay_A KG_032220_Published_121020	
52	Prasad, S. N., Meena, K. R., & Ansari, A. A.	Complexity Dynamics of Gumowski-Mira Map.	<i>Applications & Applied Mathematics</i> , 15(1). https://digitalcommons.pvamu.edu/aa/vol15/iss1/15	2020
53	Ansari, A. A., Meena, K. R., & Prasad, S. N.	Perturbed six-body configuration with variable mass. <i>Romanian</i>	<i>Astronomical Journal</i> , 30(2), 135-152. http://www.astro.ro/~roaj/30_2/14-ansari-2015	2020
54	Ansari, A. A., & Prasad, S. N.	Generalized Elliptic Restricted Four-Body Problem with Variable Mass.	<i>Astronomy Letters</i> , 46(4), 275-288. https://doi.org/10.1134/S1063773720040015 .	2020
Physics				
55	Sonker, R. K., Shastri, R., & Johari, R.	Superficial Synthesis of CdS Quantum Dots for an Efficient Perovskite-Sensitized Solar Cell.	<i>Energy & Fuels</i> , 35(9), 8430-8435. https://doi.org/10.1021/acs.energyfuels.1c00629	2021
56	Singh, S., Singh, P. K., Sharma, J. P., Kakroo, S., Sonker, R. K., & Khan, Z. H.	Encompassing environment synthesis, characterization and photovoltaic utilization of cadmium sulphide quantum dots.	<i>Materials Today: Proceedings</i> , 34, 767-770. https://doi.org/10.1016/j.matpr.2020.04.776 .	2021
57	Sonker, R. K., Hitkari, G., Sabhajeet, S. R., Sikarwar, S., & Singh, S.	Green synthesis of TiO ₂ nanosheet by chemical method for the removal of Rhodamin B from industrial waste.	<i>Materials Science and Engineering: B</i> , 258, 114577. https://doi.org/10.1016/j.mseb.2020.114577	2020
58	Waikar, M. R., Raste, P. M., Sonker, R. K., Gupta, V., Tomar, M., Shirsat, M. D., & Sonkawade, R. G.	Enhancement in NH ₃ sensing performance of ZnO thin-film via gamma-irradiation.	<i>Journal of Alloys and Compounds</i> , 830, 154641. https://doi.org/10.1016/j.jallcom.2020.154641 .	2020

59	Waikar, M. R., Sonker, R. K. , Gupta, S., Chakarvarti, S. K., & Sonkawade, R. G.	Post- γ -irradiation effects on structural, optical and morphological properties of chemical vapour deposited MWCNTs.	<i>Materials Science in Semiconductor Processing</i> , 110, 104975. https://doi.org/10.1016/j.mssp.2020.104975	2020
60	Sonker, R. K. , Yadav, B. C., Gupta, V., & Tomar, M.	Synthesis of CdS nanoparticle by sol-gel method as low temperature NO ₂ sensor.	<i>Materials Chemistry and Physics</i> , 239, 121975. http://dx.doi.org/10.1016/j.matchemphys.2019.121975	2020
61	Aarya, S., Kumar, P., Bhatia, M. , Kumar, S., Sharma, J., & Siddhartha.	Gamma Rays Induced Modification in Ultrahigh Molecular Weight Polyethylene (UHMWPE).	<i>Advances in Polymer Technology</i> , 2021. https://doi.org/10.1155/2021/7013154	2021
62	Kumar, J., Singh, H., Raj, V. B. , Nimal, A. T., Gupta, V., & Singh, V. K.	Trace Detection of Nerve Agent Simulant in the Fuel Vapour Environment using Metal Oxide/Surface Acoustic Wave E-Nose.	<i>Defence Science Journal</i> , 70(5). https://doi.org/10.14429/dsj.70.14584	2020
Zoology				
63	Sharma, A., Tripathi, P., & Kumar, S.	One-pot synthesis of silver nanocomposites from <i>Achyranthes aspera</i> : An eco-friendly larvicide against <i>Aedes aegypti</i> L.	<i>Asian Pacific Journal of Tropical Biomedicine</i> , 10(2), 54. http://dx.doi.org/10.4103/2221-1691.275420	2020
64	Mishra, M., Sharma, A., Dagar, V. S., & Kumar, S.	Effects of β -sitosterol on growth, development and midgut enzymes of <i>Helicoverpa armigera</i> Hübner.	<i>Archives of Biological Sciences</i> , (00), 21-21. http://dx.doi.org/10.2298/ABS200308021M	2020
65	Dagar, V. S., Mishra, M., & Kumar, S.	Effect of dietary stress of emamectin benzoate on the fitness cost of American bollworm, <i>Helicoverpa armigera</i> (Hübner, 1808).	<i>International Journal of Tropical Insect Science</i> , 40, 1069-1077. https://doi.org/10.1007/s42690-020-00168-x	2020

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67	Samal, R. R., & Kumar, S.	Cuticular thickening associated with insecticide resistance in dengue vector, <i>Aedes aegypti</i> L.	<i>International Journal of Tropical Insect Science</i> , 41(1), 809-820. http://dx.doi.org/10.1007/s42690-020-00271-z	2021
68	Sivakumar, A., Mishra, M., Dagar, V. S., & Kumar, S.	Reduced physiological and reproductive fitness induced by Nerium oleander leaf extracts in the cotton bollworm, <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae).	<i>Acta Ecologica Sinica</i> . https://doi.org/10.1016/j.chnaes.2020.12.002	2020
69	Panmei, K., Samal, R. R., Lanbiliu, P., & Kumar, S.). Influence of lufenuron on the nutrient content and detoxification enzyme expression in <i>Aedes aegypti</i> L.(Diptera: Culicidae).	<i>International Journal of Tropical Insect Science</i> , 1-9. https://doi.org/10.1007/s42690-021-00481-z	2021
70	Gupta, A., Samal, R. R., & Kumar, S.	Physiological and reproductive fitness cost in <i>Aedes aegypti</i> on exposure to toxic xenobiotics in New Delhi, India	<i>Journal of Applied and Natural Science</i> , 13(1), 71-78. https://doi.org/10.31018/jans.v13i1.2470	2021
71	Kumar, P., Chauhan, A., Kumar, M., Kuanr, B. K., Kundu, A., Solanki, R., & Kapur, M. K.	In vitro and in silico anticancer potential analysis of <i>Streptomyces</i> sp. extract against human lung cancer cell line, A549. 3	<i>Biotech</i> , 11(6), 1-12. https://doi.org/10.1007/s13205-021-02812-w .	2021
72	Kumar, M., Kumar, P., Das, P., Solanki, R., & Kapur, M. K.	Protection of surplus food from fungal spoilage using <i>Streptomyces</i> sp.: a green approach.	<i>Archives of Microbiology</i> , 203(3), 941-950. https://doi.org/10.1007/s00203-020-02087-4	2021
73	Kumar, P., Chauhan, A., Kumar, M., Kuanr, B. K., Solanki, R., & Kapur, M. K.	Draft genome and secondary metabolite biosynthetic gene clusters of <i>Streptomyces</i> sp. strain	<i>Molecular Biology Reports</i> , 47(9), 6741-6747. https://doi.org/10.1007/s11033-020-	2020

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74	Kumar, M., Kumar, P., Das, P., Solanki, R., & Kapur, M. K.	Potential applications of extracellular enzymes from <i>Streptomyces</i> spp. in various industries.	<i>Archives of Microbiology</i> , 202, 1597-1615. https://doi.org/10.1007/s00203-020-01898-9	2020
75	Gupta, R., Abraham, J. S., Sripoorna, S., Maurya, S., Toteja, R., Makhija, S., ... & El-Serehy, H. A.	Description of a new species of <i>Tetmemena</i> (Ciliophora, Oxytrichidae) using classical and molecular markers.	<i>Journal of King Saud University-Science</i> , 32(4), 2316-2328. https://doi.org/10.1016/j.jksus.2020.03.009	2020
76	Abraham, J. S., Gupta, R., Somasundaram, S., Naqvi, I., Maurya, S., Toteja, R., & Makhija, S.	Faunistic study on the freshwater ciliates from Delhi, India.	<i>bioRxiv</i> . https://doi.org/10.1101/2020.07.06.189001	2020
77	Maurya, S., Abraham, J. S., Somasundaram, S., Toteja, R., Gupta, R., & Makhija, S.	Indicators for assessment of soil quality: a mini-review.	<i>Environmental Monitoring and Assessment</i> , 192(9), 1-22. https://doi.org/10.1007/s10661-020-08556-z .	2020
78	Abraham, J. S., Somasundaram, S., Maurya, S., Gupta, R., Makhija, S., & Toteja, R.	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.	<i>European Journal of Protistology</i> , 79, 125779. https://doi.org/10.1016/j.ejop.2021.125779	2021

Publications in Peer-reviewed Journal

S.No	Faculty	Title of the Project	Journal details	Year
Biomedical Science				
1.	Chaudhary, R.	Shelter building behaviour of <i>Hasorachromus</i> (cramer, 1780) larvae	<i>Bionotes</i> , 23, 11-15.	2021

		(Insecta: Lepidoptera: Hesperidae).		
2.	Chaudhary, R.	Neem flowers (<i>Azadirachta indica</i>) as an abundant source of nectar for butterflies in an urban landscape in Delhi, India.	<i>Bionotes</i> , 22(3), 128-134.	2020
3.	Chaudhary, R., & Kumar, V.	Oviposition by <i>Jamidesbochus</i> (Stoll, [1782]) (insecta: lepidoptera: lycaenidae) in New Delhi, India.	<i>Bionotes</i> , 22(3), 157.	2020
4.	Chaudhary, R., Chhimwal, S., Kumar, V.	A comprehensive checklist of butterflies seen in Corbett Tiger Reserve, Uttarakhand, India.	<i>Bionotes</i> , 22(3), 167-186.	2020
Chemistry				
5.	Arya, D. K. (2020).	Chemistry and Pharmacology of Miraculous, <i>Echinacea purpurea</i> L.	<i>Journal of Biological and Chemical Research</i> , 37, 180-187, ISSN 0970-4973.	2020
Commerce				
6.	Singh, S.V.P., & Deepika.	Income Sharing Agreement in higher education system of India.	<i>The Market Express</i> .	2020
7.	Singh, S.V.P., & Deepika.	Covid-19 Stimulus package to credit-starved MSMEs.	<i>The Market Express</i> .	2020
8.	Singh, S.V.P., & Deepika.	Power and prospect of higher education with the prism of budget.	<i>The Market Express</i> .	2020
9.	Singh S.V.P., & Deepika.	Amid Covid-19 The Prospect of Political Marketing.	<i>The Market Express</i> .	2020
10.	Singh S.V.P., & Deepika.	Development through Six Pillars: Budget 2021. <i>The Market Express</i> .	<i>The Market Express</i> .	2021
11.	Singh S.V.P., & Deepika.	Does India's Education Sector requires additional Private Investment?. <i>The Market Express</i> .	<i>The Market Express</i> .	2021
12.	Singh S.V.P., & Deepika.	Celebration of Women's Day Via Gender Parity – Still Miles to Cover.	<i>India Chapter</i> .	2021

13.	Bhagat, H.	National Education Policy (NEP) 2020 and Disabled Students. Apoorv Knowledge.	<i>International Journal of Multidisciplinary Research-Peer Reviewed. IX,(I). ISSN-2348-2702.</i>	2021
14	Kaur, S., & Kaur, P.	Book Review of, Unfreeze: How to Create a High Growth Economy after the Pandemic.	<i>Business Analyst, 41,(2), 241-245.</i>	2020
Mathematics				
15.	Saxena P., Singh C., Sharma K.	EPQ model with green production, product stewardship and selling price dependent demand.	<i>International Journal of Agricultural and Statistical Sciences</i> ISSN: 0973-1903(print), 0976-3392(online), 16(2), 877-882.	2020
16.	Singh, N.	Three Level Coordination under Three Level Permissible Delays in Payments with Variable Rate of Demand and Production in a Supply Chain system.	<i>International Transactions in Mathematical Sciences and Computer</i> (ISBN-0974-5068), 13,(1), 11-22.	2020
17.	Ansari, A. A., Narain, L., & Prasad, S. N.	The motion properties of the variable mass planetoid in the elliptical Sitnikov problem.	<i>Gedrag & Organisatie Review, 33(03), 398 – 404.</i>	2020
Physics				
18.	Bhatia, M., & Dutt, D.	Reinventing the educational landscape.	<i>University News, AIU (Association of Indian Universities), 58, 10-12, ISSN: 05662257.</i>	2020
19.	Bhatia, M., & Dutt, D.	Virtual classroom: an idea whose time has come now. <i>Education Times, Times of India, e-Paper.</i>	https://educationtimes.com/article/editors-pick/74743998/virtual-classroom-an-idea-whose-time-has-come.html	