

3.4.5. Number of research papers per teacher in the Journals notified on UGC website during the last five years

3.4.5.1. Number of research papers in the Journals as notified on UGC website during the last five years

| S.N. | 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 | | |
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| | | | | | | | Link to website of the Journal | Link to article/paper /abstract of the article | Is it listed in UGC Care list/Scopus /Web of |
| Year-1:2021-22 | | | | | | | | | |
| 1 | Experimental and theoretical evaluation of N-pyridoxal-salicylic acid hydrazide derived copper(II) complex with 2-methylimidazole | Pradeep Kumar Vishwakarma, Pushpendra Singh Jaget, Mahendra Kumar Parte, Ram Charitra | Department of Chemistry and Pharmacy | Journal of Biomolecular Structure and Dynamics | 2021-22 | 1538-0254 | https://www.tandfonline.com/journals/tbsd20 | https://www.tandfonline.com/doi/abs/10.1080/07391102.2022.2085801?tab=articlemissions&scroll=top | Scopus/WoS/UGC |
| 2 | Synthesis, density functional theory, molecular docking and antioxidant studies of ruthenium(II) carbonyl complex of N- | Jaget, P.S., Vishwakarma, P.K., Parte, M.K., Maurya, R.C. | Department of Chemistry and Pharmacy | Journal of Coordination Chemistry, 75 (9-10) | 2021-22 | 1029-0389 | https://www.tandfonline.com/journals/tccc20 | https://www.tandfonline.com/doi/abs/10.1080/00958872.2022.2098017?journalCode=tccc20 | Scopus/WoS/UGC |
| 3 | A Ruthenium(II) Nitrosyl Complex of N-Dehydroacetic Acid-Sulfadiazine: Synthesis, DFT Studies and in silico ADME Properties | P.S. Jaget, P.K. Vishwakarma*, M.K. Parte and R.C. Maurya | Department of Chemistry and Pharmacy | Asian Journal of Chemistry /2022 / 34(4) | 2021-22 | 9707077 | Asian Journal of Chemistry (asianpubs.org) | A Ruthenium(II) Nitrosyl Complex of N-Dehydroacetic Acid-Sulfadiazine: Synthesis, DFT Studies and in silico ADME Properties Asian Journal of Chemistry (asianpubs.org) | Scopus/WoS/UGC |
| 4 | Numerical investigation of unconditionally stable spline function for three-dimensional time-fractional telegraph equations | Uday Singh | Department of Mathematics and Computer Science, | Results in Control and Optimization | 2021-22 | 2666-7207 | Results in Control and Optimization Journal ScienceDirect.com by Elsevier | Numerical investigation of unconditionally stable spline function for three-dimensional time-fractional telegraph equations - ScienceDirect | Scopus/WoS/UGC |
| 5 | Short Chain Fatty Acids: Fundamental mediators of the gut-lung axis and their involvement in pulmonary diseases | Ashique, S., De Rubis, G., Sirohi, E., Mishra, N., Rihan, M., Garg, A., Reyes, R.-J., Manandhar, B., Bhatt, S., Jha, N.K., | Department of Chemistry and Pharmacy, | Chemico-Biological Interactions | 2021-22 | 0009-2797 | Results in Control and Optimization Journal ScienceDirect.com by Elsevier | Numerical investigation of unconditionally stable spline function for three-dimensional time-fractional telegraph equations - ScienceDirect | Scopus/WoS/UGC |
| 6 | Isolation of bio-molecule Baicalein (5, 6, 7-Trihydroxy flavone) from root of Oroxyllum indicum L. Vent and its prospective | Mamta Gokhale, Rumana Faraz, Isha Deshpande, Ashish Garg | Department of Chemistry and Pharmacy | Research Journal of Pharmacy and Technology | 2021-22 | 0974-3618 | https://riponline.org/Aboutjournal.aspx | https://riponline.org/AbstractView.aspx?PID=2022-15-11-34 | Scopus/WoS/UGC |
| 7 | Evaluation of E-waste materials linked potential consequences to environment in India | Abhishek Kumar Awasthi a, Mrigendra Kumar Awasthi b, Saket Mishra c, Surendra Sarsaiya d, Akhilesh Kumar | Department of Biological Sciences | Environmental Technology & Innovation | 2021-22 | 23521864 | Environmental Technology & Innovation Journal ScienceDirect.com by Elsevier | Evaluation of E-waste materials linked potential consequences to environment in India - ScienceDirect | Scopus/WoS/UGC |
| 8 | Impact of ecDNA: A mechanism that directs tumorigenesis in cancer drug Resistance-A review | Sumel Ashique a, Aakash Upadhyay a, Ashish Garg b, Neeraj Mishra c, Afzal Hussain d, Poonam Negi e, Goh Bev Hing | Department of Chemistry and Pharmacy | Chemico-Biological Interactions Volume 363, 25 August 2022, 110000 | 2021-22 | 0009-2797 | Chemico-Biological Interactions Journal ScienceDirect.com by Elsevier | Impact of ecDNA: A mechanism that directs tumorigenesis in cancer drug Resistance-A review - ScienceDirect | Scopus/WoS/UGC |
| 9 | A novel tetrahedral silver complex of (z)-o-methyl s-hydrogen tosylcarbonimidothioate: DFT supported crystallographic and | Jan Mohammad Mir a b, Mohd Wazid Khan b, Kiran Diwan c | Department of Chemistry and Pharmacy | Journal of the Indian Chemical Society Volume 99, Issue 8, August 2022, 100626 | 2021-22 | 194522 | Journal of the Indian Chemical Society ScienceDirect.com by Elsevier | A novel tetrahedral silver complex of (z)-o-methyl s-hydrogen tosylcarbonimidothioate: DFT supported crystallographic and spectroscopic study - ScienceDirect | Scopus/WoS/UGC |
| 10 | Control of post-harvest storage losses in water chestnut (Trapa bispinosa Roxburg) fruits by natural functional herbal coating and gamma radiation | Nazia Hussain, S. S. Shukla, Alok Dhar Dubey, Satyendra Gautam & Jyoti Tripathi | Department of Food and Nutrition, Govt. M. H. College of Home Science and Science | Journal of Food Science and Technology volume 59, pages2842–2854 | 2021-22 | 0022-1155 | Journal of Food Science and Technology Home (springer.com) | Control of post-harvest storage losses in water chestnut (Trapa bispinosa, Roxburg) fruits by natural functional herbal coating and gamma radiation, processing - PubMed (nih.gov) | Scopus/WoS/UGC |

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| 11 | Enhanced Plasmon Based Ag and Au Nanosystems and Their Improved Biomedical Impacts | by Gajendra Kumar Inwati 1,*ORCID,Virendra Kumar Yadav 2ORCID,Ismat Hassan Ali | Department of Biological Science | Crystals 2022, 12(5), 589 | 2021-22 | 2073-4352 | Crystals An Open Access Journal from MDPI | Crystals Free Full-Text Enhanced Plasmon Based Ag and Au Nanosystems and Their Improved Biomedical Impacts (mdpi.com) | Scopus/WoS/UGC |
| 12 | Role of siRNA-based nanocarriers for the treatment of neurodegenerative diseases | Neeraj Mishra a, Sumel Ashique b, Ashish Garg c, Vineet Kumar Rai d, Kamal Dua e f, Amit Goyal g, Shvetank Bhatt | Department of Chemistry and Pharmacy | Drug Discovery Today Volume 27, Issue 5, May 2022, Pages 1431-1440 | 2021-22 | 1359-6446 | Drug Discovery Today Journal ScienceDirect.com by Elsevier | OPUS at UTS. Role of siRNA-based nanocarriers for the treatment of neurodegenerative diseases. - Open Publications of UTS Scholars | Scopus/WoS/UGC |
| 13 | 2D Personality of Multifunctional Carbon Nitrides towards Enhanced Catalytic Performance in Energy Storage and Remediation | by Gajendra Kumar Inwati 1,*ORCID,Virendra Kumar Yadav 2ORCID,Ismat H. Ali 3ORCID,Sai | Department of Bioscience | Appl. Sci. 2022, 12(8), 3753; | 2021-22 | 2076-3417 | Applied Sciences An Open Access Journal from MDPI | Applied Sciences Free Full-Text 2D Personality of Multifunctional Carbon Nitrides towards Enhanced Catalytic Performance in Energy Storage and Remediation (mdpi.com) | Scopus/WoS/UGC |
| 14 | Dispersive liquid-liquid microextraction and diffuse reflectance-Fourier transform infrared spectroscopy for iodate determination in food | Manju Gupta a, Archana Jain b 1, Krishna K. Verma b 2 | Department of Chemistry and Pharmacy | Food Chemistry Volume 368, 30 | 2021-22 | 0308-8146 | Food Chemistry Journal ScienceDirect.com by Elsevier | Dispersive liquid-liquid microextraction and diffuse reflectance-Fourier transform infrared spectroscopy for iodate determination in food grade salt and food samples - ScienceDirect | Scopus/WoS/UGC |
| 15 | Screening of potential antiparasitic agents targeting cysteine protease-Falcipain 2: a computational pipeline | Kanika Verma,Ayush Kumar Lahariya,Garima Verma,Monika Kumari,Divanshi | Department of Biological Sciences | Journal of Biomolecular Structure and Dynamics | 2021-22 | 1538-0254 | Journal of Biomolecular Structure and Dynamics Taylor & Francis Online (tandfonline.com) | Screening of potential antiparasitic agents targeting cysteine protease-Falcipain 2: a computational pipeline. Journal of Biomolecular Structure and Dynamics: Vol 41, No 17. (tandfonline.com) | Scopus/WoS/UGC |
| 16 | Strategies to Improve the Anticancer Action of 5-Fluorouracil By Using Magnetically Targeted Drug Delivery Systems | Jyoti Choubey & A. K Bajpai | Department of Chemistry & Pharmacy | Materials Research Innovations | 2021-22 | 1433075X | Materials Research Innovations Taylor & Francis Online (tandfonline.com) | Strategies to Improve the Anticancer Action of 5-Fluorouracil By Using Magnetically Targeted Drug Delivery Systems. Materials Research Innovations: Vol 27, No 4. (tandfonline.com) | Scopus/WoS/UGC |
| 17 | Best proximity point results with their consequences and applications | Jain, S.K., Meena, G., Singh, D., Maitra, J.K. | Department of Mathematics and Computer Science | Journal of Inequalities and Applications, 2022 (1), art. no. 73, | 2021-22 | 1025-5834 | Journal of Inequalities and Applications Home page (springeropen.com) | Best proximity point results with their consequences and applications. Journal of Inequalities and Applications Full Text (springeropen.com) | Scopus/WoS/UGC |
| 18 | Totally ξ_3 -Continuous Maps in ξ_3 TS | Ahengar, N.A., Maitra, J.K., Sharma, R., Chaturvedi, S., Ahmad, M. | Department of Mathematics and Computer Science | Lecture Notes in Networks and Systems, 214 | 2021-22 | 2367-3370 | https://www.springer.com/series/15179 | Totally ξ_3-Continuous maps in ξ_3TS Request PDF (researchgate.net) | Scopus |
| 19 | The Scenario of e-learning in India- Challenges and Opportunities | Devilata Rawat | Department of Law | Int. Journal of Food & Nutritional Science Vol.11 Issue 3, 2022 | 2021-22 | 2320-7876 | IJFANS International Journal of Food and Nutritional Sciences | IJFANS International Journal of Food and Nutritional Sciences | UGC |
| 20 | Diversity of myco-flora associated with plants of Dumna nature park and their antimicrobial potential | Sushma Dubey, Jaya Singh, Saurabh Gupta | Center for Women Studies | Research Journal of Biotechnology. Vol.17 (1) : January 2022 Page Number | 2021-22 | 2278-4535 | worldresearchersassociations.com/biotech.aspx | worldresearchersassociations.com/Archives/RJBT/Vol17/2022/January_2022/Diversity_of_Myco-flora_associated_with_plants_of_Dumna.aspx | Scopus/ WoS |
| 21 | PSg-closed sets in Fine Topological Space | Ram Ratan Kushwaha and P. V. Jain and J.K.Maitra | Department of Mathematics and Computer Science | YMER | 2021-22 | 0044-0477 | YMER – An International Peer-Reviewed Journal (ymerrjournal.com) | Past issues – YMER (ymerrjournal.com) | UGC |
| 22 | Mathematical Modelling of Two Phase Coronary Blood Flow in Arteries During Silent Ischemia | Priyanka Gupta, V Upadhyay, S K Chaturvedi, Dheerendra Kumar and P N Pandey | Department of Mathematics and Computer Science | JETIR | 2021-22 | www.jetir.org (ISSN-2349-5162) | Journal JETIR follow UGC-CARE List, UGC-CARE journal, ugc care, ugc care approved list, ugc approved journal, ugc care Journal, UGC-CARE, UGC Approved, UGC CARE, UGC-CARE, UGC Approved List of Research Journal List | JETIR2204119.pdf | UGC |
| 23 | Mathematical Analysis of two phase coronary blood flow in Arterioles with Silent Schemia Disease | Priyanka Gupta, V Upadhyay, S K Chaturvedi and Dheerendra Kumar | Department of Mathematics and Computer Science | IJCRT | 2021-22 | ISSN: 2320-2882 | Journal UGC-CARE, IJCRT, ISSN: 2320-2882 UGC Approved Journal UGC Journal UGC CARE Journal UGC-CARE list, New UGC-CARE Reference List, UGC-CARE Journals, ugc care list of journal, ugc care list, UGC Approved List of Research Journal List | IJCRT2210232.pdf | UGC |
| 24 | Mathematical Modeling of two phase blood flow in artery presence of breathing problem affected by Lung Cancer | Dheerendra Kumar and Govind Singh | Department of Mathematics and Computer Science | IJCRT | 2021-22 | ISSN: 2320-2882 | Journal UGC-CARE, IJCRT, ISSN: 2320-2882 UGC Approved Journal UGC Journal UGC CARE Journal UGC-CARE list, New UGC-CARE Reference List, UGC-CARE Journals, ugc care list of journal, ugc care list, UGC Approved List of Research Journal List | IJCRT2210160.pdf | UGC |

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| 25 | Numerical Solution For Non-Instantaneous Impulsive Mittag Leffler with Riemann-Liouville Fractional | Mridula Dube, Uday Singh | Department of Mathematics and Computer Science | International Journal of Difference Equations (IJDE). | 2021-22 | 0973-6069 | https://www.ripublication.com/ijde.htm | https://www.researchgate.net/profile/Dr-Uday-Singh/publication/362745637_Numerical_Solution_For_Non-Instantaneous_Impulsive_Mittag_Leffler_with_Riemann-Liouville_Fractional_Stochastic_Deliv.../links/5d072740299bf14d724a8101.pdf | Scopus |
| 26 | The use of Moringa Seed Oil Cake as a Natural Remedy for Waste Water Treatment | Jaya Singh, Sushma Dubey, Saurabh Gupta | Department of Women Studies | International Journal of Scientific Research in Science, Engineering and | 2021-22 | 2394-4099 | International Journal of Scientific Research in Science, Engineering and Technology (ijseret.com) | International Journal of Scientific Research in Science, Engineering and Technology (ijseret.com) | UGC |
| 27 | Juggling with reactive oxygen species and antioxidant defense system – A coping mechanism under salt stress | Divya Singh | Department of Biological Science | Plant Stress | 2021-22 | 2667-064X | Plant Stress Journal ScienceDirect.com by Elsevier | Juggling with reactive oxygen species and antioxidant defense system – A coping mechanism under salt stress ScienceDirect | Scopus/ WoS |
| 28 | Ethno-Botanical Study of Medicinal Plants Used by Tribes in the Dindori District of Madhya Pradesh, India | Divya Singh, Divya Bagchi, Renu Pathak, Purnima Beohar, Prashant Chaturvedi, Loukesh Ahirwar | Department of Biological Science | Egyptian Journal of Botany | 2021-22 | 0375 – 9237 | Egyptian Journal of Botany (ekb.eg) | Ethno-Botanical Study of Medicinal Plants Used by Tribes in the Dindori District of Madhya Pradesh, India (ekb.eg) | Scopus/ WoS |
| 29 | Weed as potential source of phytochemicals | Sapna Shukla, Purnima Beohar, Renu Pathak, Divya Singh, Prashant Chaturvedi | Department of Biological Science | Journal of Biodiversity and Environmental Sciences | 2021-22 | 2220-6663 | Journal of Biodiversity and Environmental Sciences JBES (innspub.net) | JBES-V20-No4-p88-95 (innspub.net) | Scopus/ WoS |
| 30 | Comparative study of morphology and keratin levels in hair from deer and goat | Sangeeta Patle, K.P.Singh, Divya Bagchi | Department of Biological Science | Journal of Threatened Taxa | 2021-22 | 0974-7893 | Journal of Threatened Taxa | Comparative study of morphology and keratin levels in hair from deer and goat Journal of Threatened Taxa | Scopus/ WoS |
| 31 | Production of green electricity from Cynodon dactylon in plant-bio-photovoltaic device | AK Jawre, SS Sandhu | Department of Biological Science | International Journal of Environmental Science and Technology | 2021-22 | 1735-1472 | International Journal of Environmental Science and Technology Home Springer.com | Production of green electricity from Cynodon dactylon in plant-bio-photovoltaic device SpringerLink | UGC |
| 32 | Effect of Various Growth Medium on the Physiology and De Novo Lipogenesis of a Freshwater Microalga Scenedesmus rotundus-MG910488 under | Rishibha Dixit , Surendra Singh , Manoj Kumar Enamala and Alok Patel | Department of Biological Science | Clean technol. | 2021-22 | 2571-8797 | Clean Technologies An Open Access Journal from MDPI | Clean Technol. Free Full-Text Effect of Various Growth Medium on the Physiology and De Novo Lipogenesis of a Freshwater Microalga Scenedesmus rotundus-MG910488 under Autotrophic Condition (mdpi.com) | Scopus/ WoS/UGC |
| 33 | Electrochemical additive manufacturing (ECAM): A new approach to fabricate metal nanostructures | Hafsa Siddiqui, Netrapal Singh, Diksha Katiyarc, Palash Naidu, Shiv Mishra, Harish Chandra Prasad, Mohd. Akram | Department of Biological Science | Materialstoday: Proceedings | 2021-22 | 2214-7853 | Materials Today: Proceedings Journal ScienceDirect.com by Elsevier | Electrochemical additive manufacturing (ECAM): A new approach to fabricate metal nanostructures - ScienceDirect | Scopus |
| 34 | Synthesis, density functional theory, molecular docking and antioxidant studies of ruthenium(II) carbonyl complex of N- | P. S. Jaget, P. K. Vishwakarma, M. K. Parte & R. C Maurya | Department of Chemistry and Pharmacy | Journal of Coordination Chemistry | 2021-22 | 1029-0389 | Journal of Coordination Chemistry Taylor & Francis Online (tandfonline.com) | Synthesis, density functional theory, molecular docking and antioxidant studies of ruthenium(II) carbonyl complex of N-dehydroacetic acid-4-aminopyrene: Journal of Coordination Chemistry: Vol 75, No 9-10 (tandfonline.com) | Scopus/ WoS/UGC |
| 35 | Synthesis characterisation and medicinal role of silver and iron nanoparticles in c. roseus and t. ammi | Ranu Chaturvedi | Department of Chemistry and Pharmacy | Bengal Past and Present | 2021-22 | 58807 | https://indianculture.gov.in/bengal-past-present-journal-calcutta-historical-society-7 | | UGC |
| 36 | Health and Environmental Risks of Incense Smoke: Mechanistic Insights and Cumulative Evidence | Yadav, V.K., Malik, P., Tirth, V., Khan, S.H., Yadav, K.K., Islam, S., Choudhary, N., Inwati, G.K., Arabi, A., Kim, D.- | Department of Physical Education | Journal of Inflammation Research, Volume 15 Page 2665-2693 | 2021-22 | 1178-7031 | Journal of Inflammation Research - Dove Press Open Access Publisher | Health and Environmental Risks of Incense Smoke: Mechanistic Insights and Cumulative Evidence - PubMed (nih.gov) | Scopus/WoS/UGC |
| 37 | NO, CO and H2S based pharmaceuticals in the mission of vision (eye health): a comprehensive review | Mir, J.M., Maurya, R.C., Khan, M.W. | Department of Chemistry & Pharmacy | Reviews in Inorganic Chemistry, Volume 42 Issue 2 Page 179-195 | 2021-22 | 21910227 | Reviews in Inorganic Chemistry (degruyter.com) | NO, CO and H2S based pharmaceuticals in the mission of vision (eye health): a comprehensive review (degruyter.com) | UGC |
| 38 | Podophyllum hexandrum and its active constituents: Novel radioprotectants | Anand, U., Biswas, P., Kumar, V., Ray, D., Ray, P., Loake, V.I.P., Kandimalla, R., Chaudhary, A., Singh, B., Routh, | Department of Biological Science | Biomedicine and Pharmacotherapy, Volume 146 Article Number 112555 | 2021-22 | 1950-6007 | Biomedicine & Pharmacotherapy Journal ScienceDirect.com by Elsevier | Podophyllum hexandrum and its active constituents: Novel radioprotectants - PubMed (nih.gov) | Scopus/UGC |

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| 39 | Role of Polyamines in Molecular Regulation and Cross-Talks Against Drought Tolerance in Plants | Nandy, S., Mandal, S., Gupta, S.K., Anand, U., Ghorai, M., Mundhra, A., Rahman, M.H., Ray, P., Mitra, S., Ray, D. | Department of Biological Science | Journal of Plant Growth Regulation, . | 2021-22 | 0721-7595 | Journal of Plant Growth Regulation Home (springer.com) | Role of Polyamines in Molecular Regulation and Cross-Talks Against Drought Tolerance in Plants SpringerLink | Scopus/WoS/UGC |
| 40 | Best proximity point results with their consequences and applications | Jain, S.K., Meena, G., Singh, D., Maitra, J.K. | Department of Mathematics & Computer Science | Journal of Inequalities and Applications, Volume 2022 Issue 1 Article | 2021-22 | 1029-242X | Journal of Inequalities and Applications Home page (springeropen.com) | Best proximity point results with their consequences and applications Journal of Inequalities and Applications Full Text (springeropen.com) | Scopus/WoS/UGC |
| 41 | Effect of salinity on morpho-physiological aspects, antioxidant enzymatic studies and yield attributes in wheat genotypes | Singh, D., Srivastava, M., Shahi, S. | Department of Biological Science | Plant Physiology Reports, Volume 28 Issue 1 Page 185-185 | 2021-22 | 26622548 | Plant Physiology Reports Home (springer.com) | Correction to: Effect of salinity on morpho-physiological aspects, antioxidant enzymatic studies and yield attributes in wheat genotypes SpringerLink | Scopus/WoS |
| 42 | Glucosamine and maltol anchored Zinc(II) complex of COVID-19 health supplement relevance: DFT collaborated spectroscopic formulation with profound | Mir, JM, Malik, BA; Khan, MW | Department of Chemistry and Pharmacy | Journal of the Indian Chemical Society: Volume 99, Issue 11 | 2021-22 | 2667-2847 | Journal of the Indian Chemical Society ScienceDirect.com by Elsevier | Glucosamine and maltol anchored Zinc(II) complex of COVID-19 health supplement relevance: DFT collaborated spectroscopic formulation with profound biological implications ScienceDirect | Scopus/WoS/UGC |
| 43 | Fabrication and Evaluation of Carboxy Methyl Cellulose Anchored Dextran Bioinspired Hydrogel for Effective Delivery of Piroxicam | Garg, A. ; Garg, Sweta ; (...); Lodhi, S. | Department of Chemistry and Pharmacy | Indian Journal of Pharmaceutical Sciences 84(4):821-831 | 2021-22 | 1998-3743 | About us Indian Journal of Pharmaceutical Sciences (tipsonline.com) | Fabrication and Evaluation of Carboxy Methyl Cellulose Anchored Dextran Bioinspired Hydrogel for Effective Delivery of Piroxicam (tipsonline.com) | WoS/UGC |
| 44 | Bhartiya kala me Mahiasuramardini Pratimain | Dr. Mukti Mishra | Department of AIHCA | Journal of Emerging Technologies and Innovative Research An International | 2021-22 | ISSN63975 | bhariva kala me mahiasuramardini pratimain (jetir.org) | Journal JETIR follow UGC-CARE List, UGC-CARE journal, ugc care, ugc care approved list, ugc approved journal, ugc care Journal, UGC-CARE, UGC Approved UGC-CARE, UGC-CARE, UGC Approved list of Research Journal, ugc approved journal, research journal | UGC |
| 45 | Antibacterial Acivity of Haematococcus pluvialis Crude Astaxanthin Extract | Ashaq Hussain Rather, Surendra Singh, Sameer Choudhary | Department of Biological Science | Journal of Drug Delivery and Therapeutics | 2021-22 | 2250-1177 | Journal of Drug Delivery and Therapeutics (jddt-online.info) | Antibacterial Acivity of Haematococcus pluvialis Crude Astaxanthin Extract Journal of Drug Delivery and Therapeutics (jddt-online.info) | UGC |
| 46 | COVID 19: A 'GLOBAL THREAT' CAUSING AN ALARMING SIGNAL AND THE ROLE OF ALGAE IN THE MANAGEMENT OF | Pathak R and Singh D | Department of Biological Science | International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS) | 2021-22 | 2277-4998 | International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS) | Microsoft Word - MS IJBPAS 2021-2022 | UGC |
| 47 | Endophytic Mycoflora: Antibacterial Secondary Metabolites and Their Therapeutic Potential | Ravindra Prasad Aharwal, Suneel Kumar & Sardul Singh Sandhu | Department of Biological Science | Current Pharmacology Reports | 2021-22 | 2198-641X | Current Pharmacology Reports Home (springer.com) | Endophytic Mycoflora: Antibacterial Secondary Metabolites and Their Therapeutic Potential SpringerLink | Scopus |
| 48 | Bioactive Molecules of Endophytic Fungi and Their Potential in Anticancer Drug Development | Suneel Kumar, Ravindra Prasad Aharwal, Roshni Jain & Sardul Singh Sandhu | Department of Biological Science | Current Pharmacology Reports | 2021-22 | 2198-641X | Current Pharmacology Reports Home (springer.com) | Bioactive Molecules of Endophytic Fungi and Their Potential in Anticancer Drug Development SpringerLink | Scopus |
| 49 | study of stability constant of some metal ions by pH metric titrations | Ranu Chaturvedi | Department of Chemistry and Pharmacy | THE JOURNAL OF ORIENTAL RESEARCH | 2021-22 | 223301 | https://www.krsri.in/academic-and-research-pursuits/krsri-publications/book-catalogue/the-journal-of-oriental-research-madras | https://www.krsri.in/academic-and-research-pursuits/krsri-publications/book-catalogue/the-journal-of-oriental-research-madras | UGC |
| 50 | Synthesis, spectral, FMOs and NLO properties based on DFT calculations of dioxidomolybdenum(VI) complex. | M.K. Parte, P. K. Vishwakarma P.S. Jaget, R.C. Maurya | Department of Chemistry and Pharmacy | Journal of Coordination Chemistry | 2021-22 | 1029-0389 | https://www.tandfonline.com/journal/s/gcoo20 | https://www.tandfonline.com/doi/full/10.1080/00958972.2021.1880574 | Scopus/WoS/UGC |
| 51 | A novel oxovanadium (IV) complex containing pyranone appended glucosamine Schiff base: synthesis, characterization and DFT evaluation | JM Mir, BA Malik, MW Khan, RC Maurya | Department of Chemistry and Pharmacy | Journal of Coordination Chemistry 73 (20-22), 2906-2918 | 2021-22 | 1029-0389 | https://www.tandfonline.com/journal/s/gcoo20 | https://www.tandfonline.com/doi/full/10.1080/00958972.2020.1833327 | Scopus/WoS/UGC |
| 52 | A nonclinical spectroscopic approach for diagnosing COVID-19: a concise perspective | JM Mir, MW Khan, AH Shalla, RC Maurya | Department of Chemistry and Pharmacy | Journal of Applied Spectroscopy 88 (4), 765-77 | 2021-22 | 0021-9037 | https://www.springer.com/journal/10812 | https://link.springer.com/article/10.1007/s10812-021-01238-9 | Scopus/WoS/UGC |

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| 53 | NO, CO and H2S based pharmaceuticals in the mission of vision (eye health): a comprehensive review | JM Mir, RC Maurya, MW Khan | Department of Chemistry and Pharmacy | Reviews in Inorganic Chemistry 42 (2), 179-195 | 2021-22 | 2191-0227 | Reviews in Inorganic Chemistry (degruyter.com) | https://www.degruyter.com/document/doi/10.1515/revic-2021-0009/html | Scopus/WoS/UGC |
| 54 | Purification and characterization of phytase from Bacillus subtilis P6: Evaluation for probiotic potential for possible application in animal feed | Shraddha Trivedi, Islam Husain, Anjana Sharma | Department of Biological Science | Food Frontiers.2022;3:194-205 | 2021-22 | 2643-8429 | Food Frontiers - Wiley Online Library | Purification and characterization of phytase from Bacillus subtilis P6: Evaluation for probiotic potential for possible application in animal feed - Trivedi - 2022 - Food Frontiers - Wiley Online Library | Scopus/WoS |
| 55 | Bioprocess potential of Eco-friendly fungal isolates converting organic waste to bioresource | Abhishek Kumar Awasthi 1, Zengwei Yuan 2, Mrigendra Kumar Awasthi 3, Mengyao Li 2, Saket Mishra 4, Akhilesh | Department of Biological Sciences | Bioresour Technol . 2022 Feb;346:126586. | 2021-22 | 18732976 | Bioresour Technol. J. ScienceDirect.com, by Elsevier | Bioprocess potential of Eco-friendly fungal isolates converting organic waste to bioresource - ScienceDirect | Scopus/WoS/UGC |
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