

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

| Title of paper | Name of the authors | Department of the teacher | Name of journal | Year of publication | Citation | ISSN number | Link to the recognition in UGC's list of the Journal |
|---|--|--|--|---------------------|----------|-------------|---|
| Phase Locked Loop System with SW-based Bandpass Filter for D-band Microwave Interferometer | Vala A., Charot University of Science | Engineering Sciences | IEEE Journal of Research | 2022 | 0 | 0377-2063 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| Quantitative Analysis of MEMS Piezoresistive Pressure Sensors Based on Wide Band Gap Materials | Bethragudi V., Electronics Division, Bhu | Engineering Sciences | IEEE Journal of Research | 2022 | 6 | 0377-2061 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| Squamous Cell Carcinoma of Scalp: Our Experience in a Single Tertiary Care Centre | Saini B., Head and Neck Services, Tata Medical and Health Sciences | Indian Journal of Otolaryngology and Head and Neck Surgery | | 2022 | 0 | 2231-3796 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| Artificial neural network based predictive negative hydrogen ion helicon plasma source for fusion grade large steel ion source | Shukla V., Pandit Deendayal Petroleum | Physical Sciences | Engineering with Computers | 2022 | 8 | 0177-0667 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| An in-house UV photostrip setup for rapid degradation of both cationic and anionic dyes in dynamic mode through UV-H2O2-based advanced oxidation process | Mallapudi V.B.K., Department of Atom | Life Sciences | International Journal of Environmental Analytical Chemistry | 2022 | 3 | 0386-7519 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| Tackling brain metastases from lung cancer during the COVID-19 pandemic | Mummidi N., Department of Radiation | Medical and Health Sciences | Cancer Reports | 2022 | 2 | 2473-8348 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| WD40 domain of Rpl47 regulates its kinase activity and role in extraordinary radiosensitivity of D. radiodurans | Sharma D.K., Molecular Biology Divisi | Life Sciences | Journal of Biomolecular Structure and Dynamics | 2022 | 3 | 0379-1102 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| Assessing the accuracy of treatment planning system based radiotherapy structure volumes | Sharma R., Amity Institute of Applied S | Medical and Health Sciences | Journal of Radiotherapy in Practice | 2022 | 0 | 1460-3699 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| Monov-venous dual-lumen technique for breast cancer radiotherapy: evaluation of planning, dosimetry and treatment delivery | Wadasawala T., Department of Radi | Medical and Health Sciences | Journal of Radiotherapy in Practice | 2022 | 1 | 1460-3699 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| In-situ synthesized polyamine - halloysite nanoclay composite sorbent for effective decommissioning of nitrate from aqueous streams | Parab H., Analytical Chemistry Division | Chemical Sciences | International Journal of Environmental Analytical Chemistry | 2022 | 0 | 0306-7319 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| Is it important to define skin sub-volumes in breast brachytherapy? | Wadhwadwala T., Department of Radi | Medical and Health Sciences | Journal of Radiotherapy in Practice | 2022 | 0 | 1460-3699 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| Dosimetric comparison of volumetric-modulated arc therapy and helical tomotherapy for adjuvant treatment of bilateral breast cancer | Phulajitrus R., Department of Radia | Medical and Health Sciences | Journal of Radiotherapy in Practice | 2022 | 3 | 1460-3699 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/JR2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| Design and Development of Instrumentation for Remote Detection of Hydrogen Using Metal Oxide Sensor | Keshari A.K., Homi Bhabha National | Chemical Sciences | HTTI: Technical Review (Institution of Electronics and Telecommunication Engineers, India) | 2022 | 0 | 0256-4602 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/TRE2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| Rapid removal of rhodamine dye from aqueous solution using casein-surfactant complexes: role of casein-surfactant interaction | Vaidya M., SMART Materials Section | Physical Sciences | Journal of Dispersion Science and Technology | 2022 | 1 | 0193-2091 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/TDS2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
| Incremental value of endoscopic brush cytology in response assessment after chemoradiation for Esophageal cancer | Karmakar S., Department of Radia | Medical and Health Sciences | Journal of Gastrointestinal Cancer | 2022 | 0 | 1941-6628 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/TDS2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
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| Evaluation of traditional ayurvedic Kapha for prevention and management of the novel Coronavirus (SARS-CoV-2) virus in silico approach | Manjra D.K., Radiation Biology & He | Life Sciences | Journal of Biomolecular Structure and Dynamics | 2022 | 23 | 0779-1102 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/TDS2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
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| Surgical management of cerebellopontine angle epidermoid cyst: an institutional experience of 10 years | Vernon V., Department of Neurosur | Medical and Health Sciences | British Journal of Neurosurgery | 2022 | 5 | 0268-3697 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/TDS2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
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| Study of crystallization kinetics, microstructure and optical properties of Ce-YAG glass-ceramics for white LED applications | Nandi P., Glass & Advanced Materi | Chemical Sciences | Journal of Thermal Analysis and Calorimetry | 2022 | 1 | 1388-6150 | http://www.scopus.com/record/eid/2-s2.0-8506457051840-10.1109/TDS2020.9011604&partnerID=40&md5=c79e7429d86503a494548 |
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