3.4.5 Number of research papers per teacher in the Journals notified on UGC website during the year

3.4.5.1: Number of research papers in the Journals notified on UGC website during the year

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
Phase Locked Loop System with SIW-based Bandpass Filter for D-band Microwave Interferometer	Vala A., Charotar University of Science	Engineering Sciences	IETE Journal of Research	2022	0377-2063	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064575193&doi=10.1080%2F03772063.2019.1602483&partnerID=40&md5=e79a1f7163bbeef10b38a6e56f9f3b8
Quantitative Analysis of MEMS Piezoresistive Pressure Sensors Based on Wide Band Gap Materials	Belwanshi V., Electronics Division, Bha	Engineering Sciences	IETE Journal of Research	2022	0377-2063	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066856767&doi=10.1080%2F03772063.2019.1626541&partnerID=40&md5=a2b3bd0d2ebd42c5191fce12b4f709
Squamous Cell Carcinoma of Scalp: Our Experience in a Single Tertiary Care Centre	Singh B., Head and Neck Services, Tata	Medical and Health Sciences	Indian Journal of Otolaryngology and Head and Neck Surgery	2022	2231-3796	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061162023&doi=10.1007%2F12070-020-01860-1&partnerID=40&md5=14ced26f91a14d4a5f0bd6f34cf79d8f1
Artificial neural network based predictive negative hydrogen ion helicon plasma source for fusion grade large sized ion source	Shukla V., Pandit Deendayal Petroleum	Physical Sciences	Engineering with Computers	2022	0177-0667	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058588913&doi=10.1007%2fs00366-020-01060-1&partnerID=40&md5=67c313dec2011a1dd97e0d1357e1c2
An in-house UV-photolysis setup for the rapid degradation of both cationic and anionic dyes in dynamic mode through UV/H2O2-based advanced oxidation process	Mullapudi V.B.K., Department of Atom	Life Sciences	International Journal of Environmental Analytical Chemistry	2022	0306-7319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088960270&doi=10.1080%2F03067319.2020.1808028&partnerID=40&md5=5a157038a42937966d34d45b3c3f5a
Tackling brain metastases from lung cancer during the COVID-19 pandemic	Mummudi N., Department of Radiation	Medical and Health Sciences	Cancer Reports	2022	2573-8348	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090130542&doi=10.1002%2cnr.1.1276&partnerID=40&md5=a07b30fcf0f77d91f9a42e957954cfb8
WD40 domain of RqkA regulates its kinase activity and role in extraordinary radioresistance of D. radiodurans	Sharma D.K., Molecular Biology Divisi	Life Sciences	Journal of Biomolecular Structure and Dynamics	2022	0739-1102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095687713&doi=10.1080%2F07391102.2020.1824830&partnerID=40&md5=31c7047d67fefb8676000d96ae411118
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	1460-3969	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091755159&doi=10.1017%2S1460396920000771&partnerID=40&md5=b7b03f51727efbc357185fcdf8d663
Mono versus dual isocentric technique for breast cancer radiotherapy: evaluation of planning, dosimetry and treatment delivery	Wadasadawala T., Department of Radi	Medical and Health Sciences	Journal of Radiotherapy in Practice	2022	1460-3969	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091786038&doi=10.1017%2S1460396920000667&partnerID=40&md5=190745fc8ba17ca6d7ec1d85ec16d3e
In-situ synthesised polyaniline - halloysite nanoclay composite sorbent for effective decontamination of nitrate from aqueous streams	Parab H., Analytical Chemistry Divisio	Chemical Sciences	International Journal of Environmental Analytical Chemistry	2022	0306-7319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092343243&doi=10.1080%2F03067319.2020.1823934&partnerID=40&md5=4838bd8941ebea45d7a1c22a4cc02a0
Is it important to define skin sub-volumes in breast brachytherapy?	Wadasadawala T., Department of Radi	Medical and Health Sciences	Journal of Radiotherapy in Practice	2022	1460-3969	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092738803&doi=10.1017%2S1460396920000858&partnerID=40&md5=28241707b13f0f4826e6daf5e9d1d09c
Dosimetric comparison of volumetric-modulated arc therapy and helical tomotherapy for adjuvant treatment of bilateral breast cancer	Phuraillarnam R., Department of Radiat	Medical and Health Sciences	Journal of Radiotherapy in Practice	2022	1460-3969	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092122407&doi=10.1017%2S1460396920000796&partnerID=40&md5=3c3fd3413264ca80e118b5918c99d06
Design and Development of Instrumentation for Remote Detection of Hydrogen Using Metal Oxide Sensor	Kashari A.K., Homi Bhabha National In	Chemical Sciences	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	2022	0256-4602	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096133268&doi=10.1080%2F02564602.2020.1841485&partnerID=40&md5=2119f1e6f17697c9d5f3bc974d8b7e0
Rapid removal of rhodamine dye from aqueous solution using casein-surfactant complexes: role of casein-surfactant interaction	Vadivel M., SMART Materials Section,	Physical Sciences	Journal of Dispersion Science and Technology	2022	0193-2691	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096305498&doi=10.1080%2F01932691.2020.1845963&partnerID=40&md5=9174cdca8ebb9ace2d8f01d7e7890bdb
Incremental value of endoscopic brush cytology in response assessment after chemo-irradiation for Esophageal cancer	Karmakar S., Department of Radiation	Medical and Health Sciences	Journal of Gastrointestinal Cancer	2022	1941-6628	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096129436&doi=10.1007%2fs12029-020-00531-0&partnerID=40&md5=8b9f8b56e99b4a3bd7cfc9613f79c
Quick laboratory methodology for determining the particle filtration efficiency of face masks/respirators in the wake of COVID-19 pandemic	Joshi M., Radiological Physics and Adv	Physical Sciences	Journal of Industrial Textiles	2022	1528-0837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096836246&doi=10.1177%2S1528083720975084&partnerID=40&md5=6b1de62a285e0876fce2e0a13382795c
Evaluation of traditional ayurvedic Kadha for prevention and management of the novel Coronavirus (SARS-CoV-2) using in silico approach	Maurya D.K., Radiation Biology & Hea	Life Sciences	Journal of Biomolecular Structure and Dynamics	2022	0739-1102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096553279&doi=10.1080%2F07391102.2020.1852119&partnerID=40&md5=ca5675c867d5d9ec7cc1376c4f8111be
Different central parts of trees and their pairwise distances	Pandey D., School of Mathematical Sci	Mathematical Sciences	Linear and Multilinear Algebra	2022	0308-1087	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097340498&doi=10.1080%2F03081087.2020.1856027&partnerID=40&md5=65dcdd9d2be6d0d6d49f9a02d8d01a
Ingham-type theorems for the Dunkl Fourier transforms	Bhowmik M., Department of Mathema	Mathematical Sciences	Complex Variables and Elliptic Equations	2022	1747-6933	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097886766&doi=10.1080%2F17476933.2020.1851209&partnerID=40&md5=ce2ff32e22d81c200ee4b1200f8dd15e5
Representation of integers as monochromatic sums of squares of primes	Mallesham K., Stat-Math Unit, Indian S	Mathematical Sciences	Journal of Number Theory	2022	0022-314X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098981339&doi=10.1016%2fj.jnt.2020.11.020&partnerID=40&md5=59b596d1a300b40bef77366d13b79fa
Surgical management of cerebellopontine angle epidermoid cysts: an institutional experience of 10 years	Vernon V., Department of Neurosurger	Medical and Health Sciences	British Journal of Neurosurgery	2022	0268-8697	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099282679&doi=10.1080%2F02688697.2020.1867058&partnerID=40&md5=eaa8b18538b2cbd7351c3e31d793e35a
β-Lactoglobulin-gold nanoparticles interface and its interaction with some anticancer drugs–an approach for targeted drug delivery	Waghmare M.N., Department of Biioph	Life Sciences	Journal of Biomolecular Structure and Dynamics	2022	0739-1102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099989058&doi=10.1080%2F07391102.2021.1879270&partnerID=40&md5=776c1ff519c3056f919c279c71e5869
Interaction of esculetin with aluminium ion by spectroscopic studies and isothermal titration calorimetry: a probable molecule for chelation therapy	Deokar R.G., Department of Chemistry	Chemical Sciences	Journal of Biomolecular Structure and Dynamics	2022	0739-1102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100040951&doi=10.1080%2F07391102.2021.1877820&partnerID=40&md5=63fbe89b6b0bc3b7c1d0ea1b7f513b
Liquid–Liquid Extraction of Actinides from Nitric Acid Feeds Using Two Hexa-n-alkylnitrilotriacetamides	Karak A., INRPO, FF, Nuclear Recycle	Chemical Sciences	Solvent Extraction and Ion Exchange	2022	0736-6299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107503146&doi=10.1080%2F07366299.2021.1946998&partnerID=40&md5=61d05c554e607c3b69c49d2869ead80
Familial Gigantiform Cementoma with Calcium Steal Phenomenon and Social Stigma: A Case Report with Review of Literature	Yadav S.C., Department of Surgical Pat	Medical and Health Sciences	Journal of Maxillofacial and Oral Surgery	2022	0972-8279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105232455&doi=10.1007%2s12663-021-01521-4&partnerID=40&md5=e4392fd9865db0627fb7b1589e0779d7
Evaluation of cytogenetic response in CML patients with variant Philadelphia translocation	Shetty D., Department of Cancer Cytog	Medical and Health Sciences	Asia-Pacific Journal of Clinical Oncology	2022	1743-7555	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105015963&doi=10.1111%2fajco.13523&partnerID=40&md5=5c9881e4345efa023724b79155e4a73b74
On the Fourier coefficients of certain Hilbert modular forms	Agnihotri R., Harish-Chandra Research	Mathematical Sciences	Ramanujan Journal	2022	1382-4090	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107865178&doi=10.1007%2fs11139-021-00401-2&partnerID=40&md5=043cb7aa4e1acf9fbcc1b6e5f0c6ba
Understanding the binding affinities between SFRP1 CRD, SFRP1 Netrin, Wnt 5B and frizzled receptors 2, 3 and 7 using MD simulations	Sankara R.R., Stem Cell Biology Group	Life Sciences	Journal of Biomolecular Structure and Dynamics	2022	0739-1102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102183745&doi=10.1080%2F07391102.2021.1890219&partnerID=40&md5=0fb4d9066792b4a0ed2994843a0881
Study of crystallization kinetics, microstructure and optical properties of Ce: YAG glass-ceramics for white LED applications	Nandi P., Glass & Advanced Materials	Chemical Sciences	Journal of Thermal Analysis and Calorimetry	2022	1388-6150	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103157196&doi=10.1007%2fs10973-021-10690-w&partnerID=40&md5=be7b20846c9013e4b81549b41ee4ca
High cumulative risk of colorectal cancers and desmoid tumours and fibromatosis in South Asian APC mutation carriers	Ashar S., Cancer Genetics Unit, Advan	Medical and Health Sciences	Journal of Medical Genetics	2022	0022-2593	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103347480&doi=10.1136%2jmedgenet-2021-107731&partnerID=40&md5=8b4165b3c79d2872b7824e64f5c5fbc8
Factors Influencing Cervical Lymph Node Metastasis in Pediatric Differentiated Thyroid Cancers	Qureshi S.S., Division of Paediatric Sur	Medical and Health Sciences	Indian Journal of Surgical Oncology	2022	0975-7651	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103581374&doi=10.1007%2s13193-021-01312-w&partnerID=40&md5=0ff13296556074c111a31dce2b18f50
Holdup and regime transition in reciprocating and rotating sieve plate column (RRSPC) for C6(mim)PF6 ionic liquid–water system	Ghuge N.S., Alkali Material & Metal D	Engineering Sciences	Solvent Extraction and Ion Exchange	2022	0736-6299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108876233&doi=10.1080%2F07366299.2021.1904630&partnerID=40&md5=f90fcf9b6835fb39c6e42a07e4e34024
Ozonation of phenol and substituted phenols: Dependency of the reaction rate constant on the molecular structure	Bhosale G.S., Department of Chemical	Engineering Sciences	Canadian Journal of Chemical Engineering	2022	0008-4034	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106420001&doi=10.1002%2cjce.24109&partnerID=40&md5=7c5f81a28d61965113ed6cafcf333a9
A Simulation Approach to Study the Effect of SiC Polytypism Factor on Sensitivity of Piezoresistive MEMS Pressure Sensor	Patankar M.K., Real Time Systems Div	Physical Sciences	Silicon	2022	1876-990X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106044188&doi=10.1007%2s12633-021-01070-9&partnerID=40&md5=0b4b0e0d30b4072057374799e7c4789f
Effect of specimen thickness on threshold stress intensity factor (KIH) associated with DHC in Zr-2.5 Nb alloy pressure tube material	Sunil S., Mechanical Metallurgy Divisio	Engineering Sciences	Materials Performance and Characterization	2022	2165-3992	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105069098&doi=10.1520%2MPC20201036&partnerID=40&md5=0ee5ee0409394bd95ef25bb6cd98176
Development of a psychosocial perception scale and comparison of psychosocial perception of patients with extra oral defects before and after facial prosthesis	Dholam K.P., Professor and Head, Dep	Medical and Health Sciences	Journal of Prosthetic Dentistry	2022	0022-3913	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105443223&doi=10.1016%2fj.prosdent.2021.03.017&partnerID=40&md5=d41bbe207d5f93b53f3d5f8d61cf8f87
Versus MR? A Retrospective, Single-Center, Longitudinal Study of Patients Who Underwent 5082 Radiologic Examinations for Surveillance of Hepatocellular Carcinoma Over a 43-Month Period	Ojeda P.I., Department of Radiology, U	Medical and Health Sciences	Current Problems in Diagnostic Radiology	2022	0363-0188	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105597356&doi=10.1067%2fj.cpradiol.2021.03.016&partnerID=40&md5=c15d29f08b96cd9fcc5e7d6b3d38e3d9
Helix-coil transition and conformational deformity in Aβ 42-monomer: a case study using the 2n2+ cation	Chowdhury U.D., School of Chemical S	Chemical Sciences	Journal of Biomolecular Structure and Dynamics	2022	0739-1102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106233248&doi=10.1080%2F07391102.2021.1927190&partnerID=40&md5=05f8b93bd47d385805f8113e2f83c2b3d
Investigations of Donor–Acceptor Interactions in 1,3,5-Tris-(3-Methoxy & 3-Methyl Carboxy) Ethynyl Benzene Derivatives Using Experimental and DFT Study	Suryachandram J., New Generation Ma	Chemical Sciences	Polycyclic Aromatic Compounds	2022	1040-6638	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106301761&doi=10.1080%2f10406638.2021.1924802&partnerID=40&md5=6f8ff78d8d05cfc753a6c423ffc4b1f
BSA-drug-ZnO-PE1 conjugates interaction with glycans of gp60 endothelial cell receptor protein for targeted drug delivery: a comprehensive spectroscopic study	Kumari N., Department of Biophysics,	Life Sciences	Journal of Biomolecular Structure and Dynamics	2022	0739-1102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106304978&doi=10.1080%2F07391102.2021.1925155&partnerID=40&md5=2dde4ed25d072ce6726f5bf1d6df15d
Creep behavior of nuclear grade 316LN austenitic stainless steel at 873 K and 923 K	Ganesan V., Materials Development an	Engineering Sciences	Mechanics of Time-Dependent Materials	2022	1385-2000	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106344946&doi=10.1007%2fs11043-021-09482-3&partnerID=40&md5=8ae57919bf6f69c29e6074b1e4d8c7d
Co-action of ABA, brassinosteriod hormone pathways and differential regulation of different transcript isoforms during cold-and-dark induced senescence in Arabidopsis	Panigrahy M., School of Biological Scie	Life Sciences	Journal of Plant Biochemistry and Biotechnology	2022	0971-7811	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106598935&doi=10.1007%2fs13562-021-00682-0&partnerID=40&md5=6b4b80859be937f8276d6fc3d949ed1
Experimental and theoretical studies on solvent extraction of uranium(VI) with hexapropyl and hexabutyl phosphoramide extractants	Jagan G., Homi Bhabha National Institu	Chemical Sciences	Solvent Extraction and Ion Exchange	2022	0736-6299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106337218&doi=10.1080%2F07366299.2021.1925008&partnerID=40&md5=273e38930361d0ab37d653bf6b76bce2
Raw data processing techniques for material classification of objects in dual energy X-ray baggage inspection systems	Kavalvizhi R., Department of Electroni	Engineering Sciences	Radiation Physics and Chemistry	2022	0969-806X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106585578&doi=10.1016%2fj.radphyschem.2021.109512&partnerID=40&md5=2b56d6617245b136a7cfd4f2bc9e1943e0
Some Conditional Cube Testers for Grain-128a of Reduced Rounds	Dalal D.K., National Institute of Scienc	Mathematical Sciences	IEEE Transactions on Computers	2022	0018-9340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107389679&doi=10.1109%2TC.2021.3085144&partnerID=40&md5=2089c5e62be5160bccb5634f5fd5cca
Serum Elemental Analysis of Type 2 Diabetes Patients Using SRXRF	Rao N.S., Department of Physics, GIS,	Physical Sciences	Biological Trace Element Research	2022	0163-4984	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107417615&doi=10.1007%2S12011-021-02762-7&partnerID=40&md5=c851ea379d15665e143767c1fbd273b
Carcinoma Cuniculatum of the Oral Cavity: A Series of 6 Cases and Review of Literature	Yadav S., Department of Pathology, Ta	Medical and Health Sciences	Head and Neck Pathology	2022	1936-055X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107455720&doi=10.1007%2S12105-021-01345-6&partnerID=40&md5=6132bffbc7582a654dfd9fcc1a6812d92
A unique case of adamantinoma-like Ewing sarcoma in the calcaneus, exhibiting prominent squamous differentiation and displaying EWSR1 gene rearrangement	Rokhi B., Department of Surgical Path	Medical and Health Sciences	Skeletal Radiology	2022	0364-2348	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107488250&doi=10.1007%2fs00256-021-03831-7&partnerID=40&md5=ce4851bbf3a9693fb7b8b997e524be8d
Effects of Sonication Period on Colloidal Stability and Thermal Conductivity of SiO2–Water Nanofluid: An Experimental Investigation	Mukherjee S., Thermal Research Labor	Engineering Sciences	Journal of Cluster Science	2022	1040-7278	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107558043&doi=10.1007%2fs10876-021-02180-w&partnerID=40&md5=c77f4f817b02425090f8b6f8a3d436bd
Two-piece oral facial prothesis retained with magnets for a complex maxillary facial defect: A clinical report	Dholam K.P., Professor and head of de	Medical and Health Sciences	Journal of Prosthetic Dentistry	2022	0022-3913	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107522007&doi=10.1016%2fj.prosdent.2021.03.014&partnerID=40&md5=b778ae08ff97c5f0532e132b0791dd
Multi-parametric groundwater quality and human health risk assessment vis-à-vis hydrogeochemical process in an Agri-intensive region of Indus basin, Punjab, India	Jaswal V., Department of Environmenta	Physical Sciences	Toxin Reviews	2022	1556-9543	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107881887&doi=10.1080%2F15569543.2021.1929324&partnerID=40&md5=e666fe995fed51337a56c7e799eada4
Secondary product from strawberry (Fragaria ananassa) fruit for extended preservation and value addition	Kumar S., Food Technology Division, B	Life Sciences	Journal of Food Science and Technology	2022	0022-1155	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107882915&doi=10.1007%2s13197-021-05171-9&partnerID=40&md5=69cbcbc387423321d6e9e7a0f2d1d8c
Facile Synthesis and Characterization of Microstructure and Optical Properties of Pure and Zn Doped SnO2 Nanorods	Amutha A., Centre for Nanoscience an	Physical Sciences	Journal of Cluster Science	2022	1040-7278	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108055578&doi=10.1007%2fs10876-021-02080-2&partnerID=40&md5=c8e4ec06ce79e6327b6fb0d00b6e0947
Quality of life comparison in thyroxine hormone withdrawal versus triiodothyronine supplementation prior to radioiodine ablation in differentiated thyroid carcinoma: a prospective cohort study in the Indian population	Rajamanickam S., Department of Surgi	Medical and Health Sciences	European Archives of Oto-Rhino-Laryngology	2022	0937-4477	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106677628&doi=10.1007%2fs00405-021-06948-6&partnerID=40&md5=3aaffb2c4e9f70b6dcd96b4211d3f912

Impact of enhanced recovery pathway in 408 gallbladder cancer resections	Joshi R., Department of Anaesthesia, C	Medical and Health Sciences	HPB	2022	1365-182X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108790908&doi=10.1016%2Fj.hpb.2021.05.010&partnerID=40&md5=07e5924814ee4a81c190c007b073b2a
Experimental investigation for stability and surface properties of TiO2 and Al2O3 water-based nanofluids	Das P.K., Department of Mechanical E	Physical Sciences	Journal of Thermal Analysis and Calorimetry	2022	1388-6150	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107277408&doi=10.1007%2F10973-021-10894-0&partnerID=40&md5=b6e208e4fb2718d5cd2f04e4679ff
Potential phytochemical inhibitors of SARS-CoV-2 helicase Nsp13: a molecular docking and dynamic simulation study	Vivek-Ananth R.P., The Institute of Ma	Life Sciences	Molecular Diversity	2022	1381-1991	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108843503&doi=10.1007%2F11030-021-10251-1&partnerID=40&md5=870367ef6c2af7e9f5b5ea6c752627f
Angular dependent magnetoelectric effect of La0.7Ba0.3MnO3(LBMO) embedded P(VDF-TrFE) particulate multiferroic nanocomposite	Koner S., Laser and Functional Materia	Physical Sciences	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108956491&doi=10.1007%2F10854-021-06440-1&partnerID=40&md5=b4d78165768d2723aec523e7e6dff105
Factors influencing women to participate in cervical cancer screening by providing menstrual pads: A population-based study from rural areas of maharashtra state, india	Budukh A., Centre for Cancer Epidemi	Medical and Health Sciences	Indian Journal of Cancer	2022	0019-509X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108074437&doi=10.4103%2Ijc.jc_910_19&partnerID=40&md5=6d4938d785ec15f87cf0d23e3c6390e
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Hydrodynamic Properties of Tris(2-methylbutyl) Phosphate and Tri-n-alkyl Phosphates in n-Dodecane–A Comparative Investigation between Unirradiated and Gamma Irradiated Solvent Systems	Sarkar S., Homi Bhabha National Instit	Chemical Sciences	Solvent Extraction and Ion Exchange	2022	0736-6299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114381044&doi=10.1080%2F07366299.2021.1972148&partnerID=40&md5=79996384f71397b5dc137e5c0b8d92d
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Clear Cell Chondrosarcoma—Oncological Outcomes in an Asian Cohort	Gulia A., Department of Surgery, Tata	Medical and Health Sciences	Indian Journal of Surgical Oncology	2022	0975-7651	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115060881&doi=10.1007%2F13193-021-01450-1&partnerID=40&md5=93c9b8779e5ad28c288aee7b4b4d9a4c
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Surface and interface characterization of Ru/C/Ru trilayer structure using grazing incidence X-ray reflectivity and X-ray fluorescence	Kiranjot, Homi Bhabha National Institu	Physical Sciences	Surface and Interface Analysis	2022	0142-2421	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115249388&doi=10.1002%2Sia.7016&partnerID=40&md5=854b2c2468224089767a8b443629691
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Characterization of argon ion irradiation induced changes in microstructure and mechanical property of binary Zr– 2.9 wt% Sn alloy	Devi A., Homi Bhabha National Institu	Chemical Sciences	Radiation Physics and Chemistry	2022	0969-806X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115931421&doi=10.1016%2Fj.radphyschem.2021.109802&partnerID=40&md5=e0041d1c9fe9b88d49d6726a0d0f6
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Polaron assisted electrical transport and fertile field emission response in polycrystalline Li1N0.33Co0.33Mn0.33O2 with theoretical insight by density functional theory	Karmakar S., Department of Physics an	Physical Sciences	Journal of Alloys and Compounds	2022	0925-8388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115978422&doi=10.1016%2Fj.jallcom.2021.162056&partnerID=40&md5=b68ed9a0e0a07451a12d295ee93926c
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Effects of Ce3+/Dy3+ and Ce3+/Sm3+ co-doping as a luminescent modifier in alumina-borophosphate glasses for w-LED application	Dhavamurthy M., Department of Physic	Chemical Sciences	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	2022	1386-1425	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116701243&doi=10.1016%2Fj.saa.2021.120448&partnerID=40&md5=0ce01b5b9ad1e2934295987f0f4fb2
Evaluation of Different Methods for the Detection of Anti- Thyroglobulin Autoantibody: Prevalence of Anti-Thyroglobulin Autoantibody and Anti-Microsomal Autoantibody in Thyroid Cancer Patients	Gholve C., Radiation Medicine Centre,	Life Sciences	Indian Journal of Clinical Biochemistry	2022	0970-1915	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117343388&doi=10.1007%2S12291-021-01005-0&partnerID=40&md5=a874dd503b0ebe7d7765a994d1a02cb
Investigations of cathodic reactions using cyclic voltammetry and electrochemical behavior of Ti–Al–Zr alloy in nitric acid using electrochemical impedance spectroscopy	Sinha P.K., Homi Bhabha National Inst	Engineering Sciences	Journal of Applied Electrochemistry	2022	0021-891X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117319353&doi=10.1007%2S10800-021-01628-z&partnerID=40&md5=ff5676ba8717ec8f3932e77eecd147
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Anomalous de-phasing of quantum coherence phenomenon in superconductor/topological insulator (NbN/Bi1.95Sb0.05Se3) heterostructure	Amaladass E.P., Condensed Matter Phy	Physical Sciences	Physica B: Condensed Matter	2022	0921-4526	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116868432&doi=10.1016%2Fj.physb.2021.413667&partnerID=40&md5=d5e0ac2523d1d0133740994119b27d3d0
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Developing atomistic glass models using potential-free Monte Carlo method: From simple to complex structures	Singh S., Materials Science Group, Indi	Physical Sciences	Computational Materials Science	2022	0927-0256	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116901665&doi=10.1016%2Fj.commatsci.2021.110943&partnerID=40&md5=16aef95251e4536f67dc73565ba796d68
DNA methylation mediated downregulation of histone H3 variant H3.3 affects cell proliferation contributing to the development of HCC	Reddy D., Epigenetics and Chromatin S	Life Sciences	Biochimica et Biophysica Acta - Molecular Basis of Disease	2022	0925-4439	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116988358&doi=10.1016%2Fj.bbadis.2021.166284&partnerID=40&md5=b3a9166a2290565ca234d6fc4b2c862
Studies on Schottky Barrier Diodes Fabricated using Single-Crystal Wafers of β-Ga2O3 Grown by the Optical Floating Zone Technique	Dhanabalan D., Crystal Growth Centre,	Physical Sciences	Physica Status Solidi (B) Basic Research	2022	0370-1972	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116912998&doi=10.1002%2Fpssb.202100496&partnerID=40&md5=125ec52efe0cd67f0c00fae4ad51963

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Light emission of Lu2Sn2O7 pyrochlore driven by oxygen vacancy and local site engineering	Gupta S.K., Radiochemistry Division, B	Chemical Sciences	Journal of Alloys and Compounds	2022	0925-8388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116930450&doi=10.1016%2Fj.jallcom.2021.162249&partnerID=40&md5=8f58147ba3c7e9fe2591d9b8d0dc4c46
Development of grape pomace extract based edible coating for shelf life extension of pomegranate arils	Saurabh C.K., Food Technology Divisic	Life Sciences	Journal of Food Measurement and Characterization	2022	2193-4126	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117018679&doi=10.1007%2Fs11694-021-01186-0&partnerID=40&md=d5ed981b85328f353f65ba39e9eb313
A CFD-based approach to optimize operating parameters of a flow-through scintillation cell for measurement of 220Rn in indoor environments	Agarwal T.K., Homi Bhabha National I	Physical Sciences	Environmental Science and Pollution Research	2022	0944-1344	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117036428&doi=10.1007%2Fs11356-021-16780-4&partnerID=40&md=94ae92fefcae4249d0d4349f6b2d1e742
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Theoretical model study of adsorbed antimalarial-graphene dimers: doping effects, photophysical parameters, intermolecular interactions, edge adsorption, and SERS	Ullah Z., Department of Chemistry, Mo	Physical Sciences	Journal of Biomolecular Structure and Dynamics	2022	0739-1102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117332435&doi=10.1080%2f07391102.2021.1990129&partnerID=40&md=c124fbe9e2e79c2115d7b86d177166ff
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Audit of Demographics, Treatment Patterns and Outcomes of Differentiated Thyroid Cancers Treated with Tyrosine Kinase Inhibitors	Choudhary A.K., Department of Medic	Medical and Health Sciences	Indian Journal of Surgical Oncology	2022	0975-7651	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118122978&doi=10.1007%2s13193-021-01445-y&partnerID=40&md=ef7a8e6a4c148fcd3c7314af94dfb2
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Performance optimization of indirectly heated cathode based electron gun by controlling high voltage surface flashover and beam positioning at target plane	Goel V., Homi Bhabha National Institut	Engineering Sciences	Vacuum	2022	0042-207X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126176558&doi=10.1016%2Fj.vacuum.2021.110759&partnerID=40&md5=c14e5786c65cceef840bd56827c2ca
Simultaneous and sequential state and parameter estimation using receding-horizon nonlinear Kalman filter	Rangegowda P.H., Bhabha Atomic Res	Engineering Sciences	Journal of Process Control	2022	0959-1524	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124377808&doi=10.1016%2Fj.jprocont.2021.11.003&partnerID=40&md5=3bd225cf23bf2e9c467fcd63bfb969
Room temperature multiferroicity with enhanced ferroelectric and ferromagnetic properties in Ba0.75Pb0.25Ti1-xFexO3	Amin R., Department of Physics, Indian	Physical Sciences	Journal of Alloys and Compounds	2022	0925-8388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124361148&doi=10.1016%2Fj.jallcom.2021.162734&partnerID=40&md5=1a2842d1cce6dc2c885b89bace5833f2b
Solubility studies on 2-hydroxyisobutyric acid in supercritical carbon dioxide: Solubility evaluation and application to actinide extraction	Deepitha J., Homi Bhabha National Ins	Chemical Sciences	Separation and Purification Technology	2022	1383-5866	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124463368&doi=10.1016%2Fj.seppur.2021.120176&partnerID=40&md5=4a791c6b87ec8d51caed59bf88937ec
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Mitigation of methanol inactivation of lipases by reaction medium engineering with glycine betaine for enzymatic biodiesel synthesis	Sandaka B.P., Nuclear Agriculture and	Life Sciences	Fuel	2022	0016-2361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124551121&doi=10.1016%2Fj.fuel.2021.122437&partnerID=40&md5=5e34c9807f5a21e43f83ad8bf51f4f74:
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Experimental proof for π and π-hole driven dual pnicogen bonding in phosphoryl chloride-nitromethane heterodimers: A combined matrix isolation infrared and ab initio computational studies	Mahapatra N., Homi Bhabha National I	Chemical Sciences	Journal of Molecular Structure	2022	0022-2860	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126683358&doi=10.1016%2Fj.molstruc.2021.132045&partnerID=40&md5=5361793c95076e237c80eec5cf56e4
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A Combinatorial Approach to Reliable Quantitative Analysis of Small Nano-Sized Precipitates: A Case Study with α' Precipitates in Fe-20 at% Cr Alloy	Sarkar S.K., Materials Science Division	Engineering Sciences	Microscopy and Microanalysis	2022	1431-9276	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127278&doi=10.1017%2S1431927621013658&partnerID=40&md5=854dbf21d7187ae965b7c61af96329
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Synthesis, photophysical properties and catalytic activity of K3-SCS pincer palladium (II) complex of N,N'-di-tert-butylbenzene-1,3-dicarbothioamide supported by DFT analysis	Das D., Waste Management Division, E	Chemical Sciences	Inorganica Chimica Acta	2022	0020-1693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128788565&doi=10.1016%2Fj.ica.2021.120766&partnerID=40&md5=61a65ac618e9f54be11dd7132f8e8aa4c
Enhanced B-site cation ordering and improved magnetic properties: Role of A-site Bi substitution in La2NiMnO6 double perovskites	Nasir M., Department of Physics, India	Physical Sciences	Journal of Alloys and Compounds	2022	0925-8388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085196&doi=10.1016%2Fj.jallcom.2021.162718&partnerID=40&md5=16ab3c9401bf9189b2bbd96410cc6
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Induced variability and assessment of mutagenic effectiveness and efficiency in sorghum genotypes [Sorghum bicolor (L.) Moench]	Kalisande H.V., Department of Agricult	Life Sciences	International Journal of Radiation Biology	2022	0955-3002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129399088&doi=10.1080%2F09553002.2022.2003466&partnerID=40&md5=5bd5c72f38a8be45c779fbd14843bff3
Stabilization of UO_2^{2+} in $SrHfO_3$ perovskite and probing defects, local structure and photo/thermoluminescence	Gupta S.K., Radiochemistry Division, B	Chemical Sciences	Journal of Luminescence	2022	0022-2313	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129443028&doi=10.1016%2Fj.jlumin.2021.118663&partnerID=40&md5=d93e1e4b6567a5798a997a9f0f70f9bf
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Functionalized nano-MOF for NIR induced bacterial remediation: A combined spectroscopic and computational study	Hasan M.N., Department of Chemical,	Physical Sciences	Inorganica Chimica Acta	2022	0020-1693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121114316&doi=10.1016%2Fj.ica.2021.120733&partnerID=40&md5=35db2a0e0e1ec72f75288a45f7d0e423f
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98/100Mo enrichment by infrared multi-photon dissociation of MoF6	Sai Prasad M.B., Laser and Plasma Tec	Physical Sciences	Chemical Physics Letters	2022	0009-2614	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121126268&doi=10.1016%2j.cplett.2021.139242&partnerID=40&md=fbc0dca0464b03cd8417aacb6d0fa9
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Comprehensive study on radial coil influence in designing segmented remote field eddy current probe for defect detection in ferromagnetic tubes	Vijayachandrika T., Homi Bhabha Natio	Engineering Sciences	Nondestructive Testing and Evaluation	2022	1058-9759	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121876565&doi=10.1080%2f10589759.2021.1998488&partnerID=40&md=e01dbe10f51801d01e3bff6321 1bc8d
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Sequestration of Am3+ and Eu3+ into ionic liquid containing Aza-macrocycle based multiple-diglycolamide ligands: Extraction, complexation, luminescence and DFT studies	Verma P.K., Radiochemistry Division, I	Chemical Sciences	Journal of Molecular Liquids	2022	0167-7322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121970490&doi=10.1016%2fj.molliq.2021.118291&partnerID=40&md=bff7136e65dbd6d0c61377f6d7c512c4
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Experimental investigation on sodium leak behaviour through a pinhole	Avinash C.S.S.S., Indira Gandhi Centre	Chemical Sciences	Annals of Nuclear Energy	2022	0306-4549	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121980997&doi=10.1016%2Fj.anucene.2021.108928&partnerID=40&md5=aec2cfa1d63ebd01811a6499ee42d
Prognostic value of lung shunt fraction in hepatocellular carcinoma and unresectable liver dominant metastatic colorectal cancer undergoing transarterial radioembolisation	Gosavi A., Department of Nuclear Med	Medical and Health Sciences	Nuclear Medicine Communications	2022	0143-3636	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121982231&doi=10.1097%2FMNM.0000000000001492&partnerID=40&md5=0a24e362f069c160b6d8e0a04e74f87
Studies of optical, dielectric, ferroelectric, and structural phase transitions in 0.5[(knbo3]-0.1[banil/2nbl/2ta3+δ]	Rosas B.Y., Department of Physics, Ins	Chemical Sciences	Crystals	2022	2073-4352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119074308&doi=10.3390%2fcryst12010036&partnerID=40&md5=db29f2f25665a897e482e1404374d8d
Tailoring magnetic and dielectric properties of SrFe12O19/NiFe2O4 ferrite nanocomposites synthesized in presence of Calotropis gigantea (crown) flower extract	Chauhan C.C., Electronics and Commu	Physical Sciences	Journal of Alloys and Compounds	2022	0925-8388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118881353&doi=10.1016%2Fj.jallcom.2021.163415&partnerID=40&md5=a69ad38d5d340e8d2177f696bd8b9f5
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Synthesis, structural characterization and selective anticancer activity of [Ag(L)(PPh3)]2(NO3)2 [L = N(4)-substituted 2-acetylpyridine-N(4)-methyl-3-thiosemicarbazone]	Biswas C., Department of Chemistry, T	Chemical Sciences	Inorganic Chemistry Communications	2022	1387-7003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121980368&doi=10.1016%2Fj.inoche.2021.109178&partnerID=40&md5=4593e67573f8e8084edaf73f854eb271
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Engineered perovskite LaCoO3/rGO nanocomposites for asymmetrical electrochemical supercapacitor application	Vats A.K., School of Material Science a	Physical Sciences	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122726108&doi=10.1007%2fs10854-021-07463-1&partnerID=40&md5=4a2f0ada8d62987a8275e1a8c83724a
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Light nuclei collectivity from sNN=3 GeV Au+Au collisions at RHIC	Abdallah M.S., American University of	Physical Sciences	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	2022	0370-2693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123931168&doi=10.1016%2fj.physletb.2022.136914&partnerID=40&md5=f8d181e23b7514b8d2611b3d7217b1
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Proton Ion Irradiation on As40Se50Sb10 Thin Films: Fluence-Dependent Tuning of Linear-Nonlinear Optical Properties for Photonic Applications	Sahoo D., Department of Engineering a	Physical Sciences	ACS Applied Electronic Materials	2022	2637-6113	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124147404&doi=10.1021%2acsaelm.1c01233&partnerID=40&md5=17717cb2e7332ce5093a5133e9c3e74e
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Bayesian reconstruction of nuclear matter parameters from the equation of state of neutron star matter BAYESIAN RECONSTRUCTION of NUCLEAR MATTER -- IMAM, PATRA, MONDAL, MALIK, and AGRAWAL	Imam S.M.A., Saha Institute of Nuclear	Physical Sciences	Physical Review C	2022	2469-9985	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123157538&doi=10.1103%2fPhysRevC.105.015806&partnerID=40&md5=8b026c92b3d60a5119e722ee6bd8318c
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Measurement of inclusive charged-particle b-jet production in pp and p-Pb collisions at √sNN = 5.02 TeV	Acharya S., Variable Energy Cyclotron	Physical Sciences	Journal of High Energy Physics	2022	1029-8479	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124810416&doi=10.1007%2fJHEP01%282022%2921778&partnerID=40&md5=592bd62a928b28f98e45b7df5231e6f
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Design and Simulation of 3.7-GHz, 8-kW CW, and 16-kW CW Magnetrons for LHCD System of Tokamaks	Jadhav A.R., Department of Electrical S	Physical Sciences	IEEE Transactions on Electron Devices	2022	0018-9383	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124848958&doi=10.1109%2TED.2022.3147737&partnerID=40&md5=c48fa62b8113ee68214bff38d7578c
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Production of Λ and K0 in jets in p–Pb collisions at sNN=5.02 TeV and pp collisions at s=7 TeV	Acharya S., Variable Energy Cyclotron	Physical Sciences	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	2022	0370-2693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125844208&doi=10.1016%2Fj.physletb.2022.136958&partnerID=40&md5=d25ed0b2e0d483ba0f24cca88728b2a6
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In-situ H2O2 production for tetracycline degradation on Ag/s-(Co3O4/NiFe2O4) visible light magnetically recyclable photocatalyst	Kumar U., Department of Chemistry, Ir	Chemical Sciences	Applied Surface Science	2022	0169-4332	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125851617&doi=10.1016%2Fj.apsusc.2022.153013&partnerID=40&md5=ecce7efc1886ea3c5769a6ae7c2c965
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Finite temperature 0−+ glueball spectrum from non-susy D3 brane of Type IIB string theory	Nayek K., Indian Institute of Technolo	Life Sciences	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	2022	0370-2693	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125876330&doi=10.1016%2Fj.physletb.2022.137059&partnerID=40&md5=16cf84272d81e1d5c7116d0d43b0d87
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Determinants of Compliance for Breast and Cervical Cancers Screening among Female Police Personnel of Mumbai, India-A Cross-Sectional Study	Kulkarni Y.Y., Department of Preventi	Medical and Health Sciences	Indian Journal of Medical and Paediatric Oncology	2022	0971-5851	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135907558&doi=10.1055%2S-0042-1742701&partnerID=40&md5=3b278d7434d5b8f54057aec16bd84
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Electrochemical behaviour of LiCl-KCl eutectic melts containing moisture as impurity. Part 1: Inert tungsten electrode	Swain L., Homi Bhabha National Instit	Chemical Sciences	Journal of Electroanalytical Chemistry	2022	1572-6657	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135919898&doi=10.1016%2Fj.jelechem.2022.116125&partnerID=40&md5=ac2044812879280d9e3a7b0ea0db6f4c
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Quantitative determination of 137Cs and 90Sr in dissolver solutions without pre-separation by isotope dilution thermal ionization mass spectrometry	Namitha J., Homi Bhabha National Inst	Chemical Sciences	Journal of Analytical Atomic Spectrometry	2022	0267-9477	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127171218&doi=10.1039%2D2ja00426c&partnerID=40&md5=cfa1e45654c5244e4a7d9b615048fc49
Silver, Copper, Magnesium and Zinc Contained Electroactive Mesoporous Bioactive S53P4 Glass–Ceramics Nanoparticle for Bone Regeneration: Bioactivity, Biocompatibility and Antibacterial Activity	Kumar A., Department of Physics, Nati	Physical Sciences	Journal of Inorganic and Organometallic Polymers and Materials	2022	1574-1443	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127179430&doi=10.1007%2s10904-022-02291-x&partnerID=40&md5=6cc14490a6ec0a19eb8d88b5775e110
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Quality of life in patients with locally advanced head and neck squamous cell carcinoma undergoing concurrent chemoradiation with once-a-week versus once-every-3-weeks cisplatin	Menon N.S., Department of Medical Oi	Medical and Health Sciences	Cancer Medicine	2022	2045-7634	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127223118&doi=10.1002%2Fcam4.4715&partnerID=40&md5=2b82ccf35f98177bc16d5b0e845ae568
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Spectrophotometric determination of europium in aqueous samples and interference of Fe3+, UO22+ and Th4+ and other complexing agents on determination	Pillai J.S., Fuel Chemistry Division, Bha	Chemical Sciences	Journal of Radioanalytical and Nuclear Chemistry	2022	0236-5731	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127291928&doi=10.1007%2s10967-022-08265-5&partnerID=40&md5=047c7a6c9539e27cf3bf93a6421f20
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Radiotherapy for locally advanced unresectable gallbladder cancer-A way forward: Comparative study of chemotherapy versus chemoradiotherapy	Sinha S., Department of Radiation Onc	Medical and Health Sciences	Journal of Cancer Research and Therapeutics	2022	0973-1482	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127695597&doi=10.4103%2Fjcrt.JCRT_1568_20&partnerID=40&md5=c8c45f0177ce0cd2334b67ec78084dc3
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Plasmon Mediated Electron Transfer and Temperature Dependent Electron-Phonon Scattering in Gold Nanoparticles Embedded in Dielectric Films	Ghorai N., Institute of Nano Science an	Chemical Sciences	ChemPhysChem	2022	1439-4235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132441246&doi=10.1002%2cphc.202200181&partnerID=40&md5=2b94a149bc27a484ae404a3d72bd3f8d
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Facile one pot synthesis of highly photoresponsive coinage metal selenides (Cu1.8Se and Ag2Se) achieved through novel Cu and Ag pyridylselenolates as molecular precursors	Karmakar G., Chemistry Division, Bhab	Chemical Sciences	Dalton Transactions	2022	1477-9226	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136742128&doi=10.1039%2d2dt01897g&partnerID=40&md5=610cc4f4bd093d6abe0880ccd1dc003c
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Recovery of rare earth elements from coal flyash using deep eutectic solvents as leachants and precipitating as oxalate or fluoride	Karan R., Homi Bhabha National Instit	Chemical Sciences	Hydrometallurgy	2022	0304-386X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136704348&doi=10.1016%2Fj.hydromet.2022.105952&partnerID=40&md5=c34957060d07727031b7a9d1b1f96ef
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Role of computed tomography angiography in deep inferior epigastric perforator flap breast reconstruction surgery: A retrospective observational study	Mahajan A., Department of Radiodiagn	Medical and Health Sciences	Cancer Research, Statistics, and Treatment	2022	2590-3233	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150286195&doi=10.4103%2crt.crt_303_21&partnerID=40&md5=345b79d067f5f5192b9d054ede1aaf
Nivolumab in platinum-refractory head-and-neck cancers: A retrospective observational audit from a tertiary cancer center	Patil V.M., Department of Medical Onc	Medical and Health Sciences	Cancer Research, Statistics, and Treatment	2022	2590-3233	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150299978&doi=10.4103%2crt.crt_183_22&partnerID=40&md5=19e8c5597bc7a67b7a012c08167463
Paclitaxel with Mycidac-C in the second line and beyond in advanced head-and-neck cancer: A retrospective analysis from a tertiary cancer center	Sarma R.J., Department of Medical Onc	Medical and Health Sciences	Cancer Research, Statistics, and Treatment	2022	2590-3233	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150301046&doi=10.4103%2crt.crt_203_22&partnerID=40&md5=5161fbd0119619f63b2f51f9cdbab41f5
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Cost-effectiveness of Post-Mastectomy Radiotherapy (PMRT) for breast cancer in India: An economic modelling study: Cost-effectiveness analysis of post-mastectomy radiotherapy (PMRT)	Gaosta N., Department of Radiation On	Medical and Health Sciences	The Lancet Regional Health - Southeast Asia	2022	2772-3682	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150897458&doi=10.1016%2fj.lansea.2022.100043&partnerID=40&md5=ddbd6b1e390d57c1bb4e2e1a4c9f58
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Bendamustine in the third line or beyond in metastatic, recurrent, or relapsed head-and-neck cancers: A retrospective observational study	Patil V., Department of Medical Onc	Medical and Health Sciences	Cancer Research, Statistics, and Treatment	2022	2590-3233	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151006156&doi=10.4103%2crt.crt_196_22&partnerID=40&md5=39a8b61527d895c60c40915b022ec3

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Comparison of quantitative elemental depth distribution analyses of Ni and Ti in co-sputtered Ni-Ti alloy thin films using MCs+ and M+ secondary ions	Karki V., Fuel Chemistry Division, Bha	Physical Sciences	Thin Solid Films	2022	0040-6090	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151886788&doi=10.1016%2fj.tsf.2022.139293&partnerID=40&md5=29889f22ad05616d9815ef9f6b8d8c
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Significance of too-small-To-characterize (TSTC) pulmonary nodules in known extrapulmonary solid tumors: A retrospective observational study	Mahajan A., Department of Radiodiagn	Medical and Health Sciences	Cancer Research, Statistics, and Treatment	2022	2590-3233	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160395615&doi=10.4103%2ctr.crt_328_21&partnerID=40&md5=e73fab1e2592e4720bd497e317b61d6a9
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