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Influence of substrate-induced strain on exchange bias effect in YMO/LMO heterostructures	Waman P. T., Technical Physics Division, Bhabha Atomic Research Centre, Mumbai	Physical Sciences	Bulletin of Materials Science	2023	1	83
Enhancement of Multiferroic and Optical Properties in BiFeO ₃ Due to Different Exchange Interactions Between Transition and Rare Earth	Kumar S., Department of Physics, Indian Institute of Technology Guwahati	Physical Sciences	Physical Status Solid (B) Basic Research	2023	1	119
Magnetic Carbon Morphologies Derived from Polyion Complex Based Double Hydrophilic Block Copolymers as Templates and Phenol as a Novel Hardener and Binder under water: An in situ click reaction	Shantham M., Research and Development Division, Bhabha Atomic Research Centre, Mumbai	Physical Sciences	Langmuir	2023	2	377
Surface grafting of poly(2-vinylpyridine) on poly(styrene-co-butadiene) block copolymers: An in situ click reaction	Kumar S., Department of Physics, Indian Institute of Technology Guwahati	Physical Sciences	ACS Applied Materials	2023	2	392
Superior hydrogen storage capacity of vanadium decorated bihydrogen (B ₂ H ₄) V-DTP study	Mane P., Solid State Physics Division, Bhabha Atomic Research Centre, Mumbai	Physical Sciences	International Journal of Hydrogen Energy	2023	16	263
Surface grafting of poly(2-vinylpyridine) on poly(styrene-co-butadiene) block copolymers: An in situ click reaction	Mhatre A., Radiochemistry Division, Bhabha Atomic Research Centre, Mumbai	Chemical Sciences	Sensors and Actuators B: Chemical	2023	1	236
Descriptive characterization of LiCAFE/ELV for its application in mix thermal in air	Singh A.K., Radiochemical Physics and Advisory Division, Bhabha Atomic Research Centre, Mumbai	Chemical Sciences	Radiation Physics and Chemistry	2023	0	98
Reaction of AgI and AgCl with separation parameter (S) and their usefulness for fracture toughness evaluation	Bhinde A.K., Mechanical Metallurgy Division, Bhabha Atomic Research Centre, Mumbai	Engineering Sciences	Engineering Fracture Mechanics	2023	1	104
LiClO ₄ ACTIVITY IN AQUEOUS SOLUTIONS: FACTORS INFLUENCING OF KAMARATI'S EQUATION STATE. NDOR	Chandrakar A., Environmental Survey Laboratory, Bhabha Atomic Research Centre, Mumbai	Engineering Sciences	Radiation Physics and Chemistry	2023	0	123
Electrochemical performance of a superactivated MnO ₂ based pseudocapacitors and their Ni-based pseudocapacitors	Phadnis A., Department of Physics, Indian Institute of Technology Guwahati	Chemical Sciences	Journal of Materials Research and Engineering B	2023	0	17
Phase Engineering of MoS ₂ /Graphene Oxide to Anion-Tunable Polypyrrole Quaternary Chalcogenide (2NH ₄ ⁺ 1/2) MoS ₂ /Glycine Oxide	Jankar A., Department of Chemistry, Jayadrachy College, Mumbai	Physical Sciences	ACS Applied Energy Materials	2023	1	87
Absence of magnetoresistance and transition from rapid positive thermal expansion to negative thermal expansion at high temperatures	Shah S., Department of Physics and Astronomy, Bhabha Atomic Research Centre, Mumbai	Physical Sciences	Journal of Magnetism and Magnetic Materials	2023	0	105
On the modification of wet wrapping process for fast breeder reactor fuel pins: Replacing hydrophilic crimping with resistance spot welding	Kumar A., Fuel Fabrication, NRIPOD, Bhabha Atomic Research Centre, Mumbai	Engineering Sciences	Nuclear Engineering and Design	2023	1	103
Phase evolution in the LiOZ-CeO ₂ system under annealing and reducing conditions: X-ray diffraction and spectroscopic studies	Nandi C., Radiochemical Physics Division, Bhabha Atomic Research Centre, Mumbai	Physical Sciences	Journal of Physics and Chemistry of Solids	2023	3	121
Insights into fracture behavior of Ni based superalloy crystals: An atomistic investigation	Chandra S., Reactor Technology Division, Bhabha Atomic Research Centre, Mumbai	Engineering Sciences	Journal of Materials Research	2023	5	216
Thermoluminescence investigations and kinetic analysis of highly sensitive LiCAFE/ELV phosphor for dosimetric applications	Rawat N. S., Radiochemical Physics & Advisory Division, Bhabha Atomic Research Centre, Mumbai	Physical Sciences	Journal of Luminescence	2023	3	133
A Multifunctional tannic acid-Fe ₃ O ₄ -graphene oxide loaded alginate photothermal network: an interfacial water evaporator, a disinfectant	Anantham M., Analytical Chemistry Division, Bhabha Atomic Research Centre, Mumbai	Chemical Sciences: Life Sciences; Physical Sciences	Materials Advances	2023	4	12
Competitive effects of salt and surfactant on the structure of nanoparticles in a binary system of nanoparticle and protein	Saha D., Solid State Physics Division, Bhabha Atomic Research Centre, Mumbai	Physical Sciences	Physical Chemistry Chemical Physics	2023	1	206
The N-terminal F106 domain of the Vibrio cholerae flagellar master regulator FlhA plays a crucial role in stabilizing its active state	Chakraborty S., Department of Biotechnology, Bhabha Atomic Research Centre, Mumbai	Physical Sciences	FEBS Letters	2023	0	283
In vitro investigation: New insights into the Antimicrobial Mechanism of Chitosan: Role of Perturbing Nucleation Events during Synthesis of Conventional and Modern Approaches for Spill Protection of Indian Concrete Structures	Dhara B., Beamline Development and Application Division, Bhabha Atomic Research Centre, Mumbai	Life Sciences	ACS Infectious Diseases	2023	0	42
Crystallization of poly(2-vinylpyridine) on poly(styrene-co-butadiene) block copolymers: An in situ click reaction	Phadnis A., Department of Physics, Indian Institute of Technology Guwahati	Chemical Sciences: Physical Sciences	Journal of Materials Research	2023	0	160
Design and development of Fibry-Pencil etalon based color filter using etcham GLAD technique: Simulation and experiment	Haque S. M., Photonics and Nanotechnology Section, Bhabha Atomic Research Centre, Mumbai	Physical Sciences	Optics Communications	2023	0	111
Orientation Filtering of Fluorescence by Polymer Coupled Waveguide	Dutta Choudhury S., Radiation & Photochemistry Division, Bhabha Atomic Research Centre, Mumbai	Chemical Sciences	Journal of Physical Chemistry C	2023	0	338
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Synthesis and characterization of a poly(ethylene glycol) and poly(2-vinylpyridine) copolymer with 4,4'-diphenylsulfone as a molecular	Chandra S., Reactor Technology Division, Bhabha Atomic Research Centre, Mumbai	Engineering Sciences	Journal of Materials Research	2023	1	129
Denosucic linear and Ral22 family related protein CRD4L is involved in DNA protection and compaction	Jaisankar A.K., Molecular Biology Division, Bhabha Atomic Research Centre, Mumbai	Life Sciences	International Journal of Biological Macromolecules	2023	0	193
Investigation of Linearization Pathways of Azobenzene 15-crown-5: Computational Studies on a Butyrate Crown Ether	Siddiqui D. S., Department of Chemistry, Birla Institute of Technology, Ranchi	Chemical Sciences	Journal of Physical Chemistry A	2023	2	253
Investigating the Influence of Aromatic Counterions on the Micellar Structure and Aggregation Behavior of Monophenol-Based Surfactants	Raviya R.A., Department of Chemistry, Birla Institute of Technology, Ranchi	Chemical Sciences	Langmuir	2023	1	373
A highly sensitive hemagglutinin-based near-infrared fluorescence sensor for detecting toxic amyloid aggregates in human serum	Warner K. D., SVKM's Shri B. P. Patel Research Centre for Nanotechnology, Shri B. P. Patel Institute of Technology, Vadodra	Chemical Sciences	International Journal of Biological Macromolecules	2023	4	189
Preparation of Bisoxazolone Resin (BISOX-2020) for New Property Values (TQ23, PMA2, SAG2, TIO2, V205, MH2, O20)	Chandrasekhar S., Department of Chemistry, Bhabha Atomic Research Centre, Mumbai	Chemical Sciences	International Journal of Biological Macromolecules	2023	2	45
Accelerated copper electrodeposition of hybrid formate peroxides	Patil S. K., Chemistry Division, Bhabha Atomic Research Centre, Mumbai	Chemical Sciences	Journal of Chemical Physics	2023	3	395
Transition metal N2P2 embedded graphene (TM-NP2) as single-atom catalyst for oxygen reduction reaction: a computational study	Kanchanapalli S., Chemistry Division, Bhabha Atomic Research Centre, Mumbai	Chemical Sciences	Theoretical Chemistry Accounts	2023	1	117
Optimization behavior of uranium and U-10wt% NiMo alloy in air	Rakesh R., Metallic Fuels Division, Bhabha Atomic Research Centre, Mumbai	Engineering Sciences	Journal of Radioanalytical and Nuclear Chemistry	2023	1	73
Gamma radiation processing for extending shelf life and ensuring quality of minimally processed ready-to-eat onions	Shah H. A., Food Technology Division, Bhabha Atomic Research Centre, Mumbai	Life Sciences	Journal of Food Science and Technology	2023	2	109
A NiMo based intermetallic composite material: synthesis, microstructure and in vitro evaluation of corrosion resistance of gamma/alpha NiMo	Shah H. A., Food Technology Division, Bhabha Atomic Research Centre, Mumbai	Life Sciences	Journal of Food Science and Technology	2023	2	109
Stimuli responsive organization of non-membranous protein hemoglobin in a liquid environment after reconstruction	Kumar A., Amity Institute of Biotechnology, Amity University, Noida	Physical Sciences	International Journal of Biological Macromolecules	2023	2	353
Reduction of Arsenite by mononitrite: effect of sulphate	Kar A. S., Radioanalytical Chemistry Division, Bhabha Atomic Research Centre, Mumbai	Chemical Sciences	Journal of Radioanalytical and Nuclear Chemistry	2023	0	73
Assessment of radon, thoron, and their progeny concentrations in the dwellings of Sivakasi hills of Tamil Nadu, India	Kaur M., Department of Physics, DAV College, Gurgaon	Physical Sciences	Environmental Geochemistry and Health	2023	3	92
Radon spectroscopy and dosimetry using multi-detector Single Sphere Neutron Spectrometer with thermoluminescence and optically stimulated luminescence (OSL) of a crystalline material	Paul S., Health Physics Division, Bhabha Atomic Research Centre, Mumbai	Physical Sciences	Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, and Associated Equipment	2023	0	181
Radiation induced crosslinking of poly(ethylene glycol) diacrylate (PEGDA) in the presence of photoinitiator	Shah H. A., Food Technology Division, Bhabha Atomic Research Centre, Mumbai	Life Sciences	Journal of Food Science and Technology	2023	2	109
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Updates in staging of penis cancer: the evolution, nuances, and issues	Jain A.P., Department of Pathology, Homi Bhab	Medical and Health Sciences	Human Pathology	2023	10	111
Genit cell tumor of bone: An update, including spectrum of pathological features, pathogenesis, molecular profile and the differential di	Heakhi B., Department of Surgical Pathology, Tata	Medical and Health Sciences	History and Histopathology	2023	5	104
The current status of geriatric oncology in India	Noronha V., Department of Medical Oncology	Life Sciences, Medical and Health Sciences	geroncmedicine	2023	3	47
Imaging Recommendations for Diagnosis, Staging, and Management of Prostate Cancer	Sable N.P., Department of Radiodiagnosis, Tata	Medical and Health Sciences	Indian Journal of Medical and Paediatric Oncology	2023	0	35
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Optimization of Tissue Handling and Processing in the Era of Precision Medicine: A Practical Recommendation from a Multidisciplinary Pa	Kaushal R.K., Department of Pathology, Tata Mem	Life Sciences, Medical and Health Sciences	Indian Journal of Medical and Paediatric Oncology	2023	0	35
Updated systematic review and meta-analysis of extended adjuvant temozolomide in patients with newly diagnosed glioblastoma	Suatta T., Department of Radiation Oncology	Medical and Health Sciences	Neuro-Oncology Advances	2023	3	28
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Time to FOCUS: Tobacco Medicine Point of Care Ultrasound	Thota R.S., Department of Palliative Medicine	Medical and Health Sciences	Indian Journal of Palliative Care	2023	3	17
Fit necrosis: A consultant's conundrum	Majitha J., Radiology Department, Tata Mem	Medical and Health Sciences	Frontiers in Oncology	2023	3	136
Status and Determinants of Early Detection of Oral Premalignant and Malignant Lesions in India	Shrivastava T., Department of Preventive Oncology	Medical and Health Sciences	Cancer Control	2023	4	85
Sporadic Cranioblast Hemangioblastomas with Strong SSTR Expression on 68Ga-DOTATOC PET/CT	Dev I.D., Department of Nuclear Medicine and	Medical and Health Sciences	Clinical Nuclear Medicine	2023	3	70
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Management of Locally Advanced Unresectable or Metastatic Urothelial Carcinoma: Expert Opinion from an Indian Panel via Delphi Cons	Rajagop S., Department of Medical Oncology	Medical and Health Sciences	Indian Journal of Medical and Paediatric Oncology	2023	0	35
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Factors influencing Pharmacokinetics of Tamoxifen in Breast Cancer Patients: A Systematic Review of Population Pharmacokinetic Model	Bhili Batcha J.S., Department of Pharmacy Prac	Life Sciences	Biology	2023	3	361
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