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3	Abdulmuizz Adamson	Comparative study of surface and support dispersion of Fe ions on Ni-Al ₂ O ₃ catalysts for combined dry-reforming and partial oxidation of methane
4	Abhimanyu M S	Exploring Optical Anisotropy in few-layer ReS _x Se _{1-x}
5	Abimannan S	MoS ₂ -Based Aqueous Lubricant for Wear and Friction Reduction
6	Aditi Saraswat	Dion-Jacobson type Two-Dimensional Gold Iodide Double Perovskites as Near-Infrared Emitters
7	Aiswarya Raj	Orbital Interaction Mediated Enhancement of Quantum Capacitance in Transition Metal-Doped Functional Groups-Terminated Ti ₃ C ₂ MXenes for Broad-Window Supercapacitor Electrodes: A First-Principles Study
8	Ajajawahar K	Computational and experimental investigations of graphene-Bi ₂ S ₃ -MgH ₂ composite systems as hydrogen storage medium
9	Amoghavarsha R. Kini	Diamondoids at the Molecular Frontier: Atomically Precise Ag ₂₃ Nanoclusters in High-Performance Memory Devices
10	Anita Gemmy Francis	High Pressure control of Topological Phases in Transition Metal Trichalcogenide TaSe ₃
11	Anushree Santra	Ligand Directed Synthesis of Ammonia using Visible Light and Quantum Dots
12	Anustoop Das	Influence of Subvalent Twin-Rattler for High n-Type Thermoelectric Performance in Bi _{1.3} S _{1.8} Br ₂ Chalcogenide
13	Arko Mohari	Learning to Shrink: Structure-Based ML for 2D NTE Materials
14	Arundhathi K V	Cooperative effect of copper and isolated iron species supported on crystalline silica catalysts for RWGS reaction
15	Arunima C	Chiral porphyrin architectures for enhanced Circularly polarized luminescence
16	Ashutosh Kumar Singh	Domain wall Hall effect and cascading metamagnetic transitions in Ising antiferromagnet NdRh ₂ Ge ₂
17	Asif Iqbal	Klein tunneling of topological Jackiw-Rebbi states in valley photonic crystals
18	Asnafarsin K A	Enhanced Catalysis in Li-S Batteries: A Theoretical Investigation of Porphyrin-COF Materials for the Sulfur Reduction Reaction
19	Bhanupriya H	A Multifunctional CuO/Mn ₃ O ₄ /MWCNT Electrocatalyst: Toward Efficient HER and OER via Metal Oxide–Carbon Synergy





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22	Debranjana Hati	Triplet-triplet Annihilation Induced Delayed Fluorescence Afterglow from a Pyromellitic Diimide Phosphor
23	Dev Sankar Choudhuri	Morphology and phase-controlled synthesis of iron oxide nanoparticles and understanding their electrocatalytic activity
24	Devesh Chandra Binwal	Nanocomposites of 1D MoS ₂ with Polymer-Functionalized Nanotubes of Carbon and Borocarbonitride, and Their HER Activity
25	Devi P	Revealing Structure–Property Relationships in Group II–VI Allotropes for Energy Conversion Applications
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27	Dheeraj P Das	Supercritical CO ₂ –Assisted Preparation of Sustained-Release Salbutamol sulphate Composites
28	Dipanjan Majumder	Nano-Springs Enriched Hierarchical Porous MOP/COF Hybrid Aerogel: Efficient Recovery of Gold from Electronic Waste
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34	K Gayathri	A First-Principles Study on the Interaction of the Anticancer Drug Melphalan with Graphene Nanosheets
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45	Mayank Sharma	Elucidating thermodynamic infeasibility of the (de)-lithiation process in 5V-class LiNi _{0.5} Ge _{1.5} O ₄ solid electrolyte
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48	Momin Ahamed	Bimetallic Ni-Pd Catalysts for Efficient H ₂ O ₂ Production
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56	Poonam Rani	Design and Development of Small-Molecule Human 20S Proteasome Activators: An Emerging Strategy to treat Neurodegenerative Diseases
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58	Pranav Negi	Evidence of Ferroelectric Distortions in Topological Crystalline Insulators via Transverse Thermoelectric Measurements
59	Pritam Sitaram Ramteke	Sulfamic acid coupled polymeric carbon nitride: an efficient photocatalyst for degradation of Tetracycline hydrochloride and Supercapacitor Application
60	Priya Vimal	The influence of catalyst for the furan diester synthesis from biomass–derived feedstocks using reusable anchored ruthenium catalyst
61	Rachana I Malekar	The f and t Factor: Dynamic Control of sliding kinetics and film geometry in Charge Generation of PVA-Based Triboelectric Nanogenerators
62	Rahul Sahu	Computational Study of Ion Transport in Metal-Organic Frameworks
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73	Shivakumar Mathapati	Hydrothermal Synthesis of monoclinic 1T' - MoTe ₂ for High-performance Supercapacitor Electrodes
74	Shivani Nirmal	Mechanistic Understanding of Cr ³⁺ Ion-pair Luminescence in Alumino-Borate Hosts
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78	Shubham Kumar Mehta	Ag-Doped ZnO for Dark Current-Controlled Optical Synapses and Image Recognition
79	Shubhanshi Mishra	A strain-sensitive neuromorphic device emulating mechanoreception for different skin sensitivities
80	Shuva Biswas	Low Energy Shear Vibrations of Sb ₂ Bilayer Driving Ultralow Lattice Thermal Conductivity in Homologous (Sb ₂) _m (Sb ₂ Te ₃) _n
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87	Subhankar Maity	Bioactive Osseointegrative Antimicrobial Coating for Titanium Implants: A facile solution for Cementless Fixation and Infection Prevention
88	Suhas K T	Strain Induced Rashba Effect in Two-Dimensional Ruddlesden-Popper Perovskites
89	Suranjana Mitra	Probing optical excitations across exfoliated Quasi 2D Halide Perovskites
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98	Vishwanath Ankalgi	MXene-Supported Cu-Ag Nanohybrids for Electrochemical Nitrate and Nitrite Detection in Alkaline Media
99	Diksha Dadhich	Strain Tunable Plasmon-Polariton in Ultra-Thin Metals
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