

Harsh Chaturvedi

List of Publications by Year in descending order

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13
papers

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87
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Advances in nanomaterials for heterogeneous photocatalysis. Nano Express, 2021, 2, 012005. | 2.4 | 25 |
| 2 | Fabrication of nanocrystalline TiO ₂ thin films using Sol-Gel spin coating technology and investigation of its structural, morphology and optical characteristics. Applied Surface Science, 2022, 591, 153226. | 6.1 | 18 |
| 3 | “Mechanically Docked” Metallodendrimers about Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2009, 113, 11254-11261. | 3.1 | 16 |
| 4 | Light induced aggregation of specific single walled carbon nanotubes. Nanoscale, 2015, 7, 16590-16596. | 5.6 | 6 |
| 5 | An Electronic and Optically Controlled Bifunctional Transistor Based on a Bio-“Nano Hybrid Complex. ACS Omega, 2020, 5, 9702-9706. | 3.5 | 6 |
| 6 | Utilizing flared gas for distributed generation: An optimization based approach. AIP Conference Proceedings, 2019, , . | 0.4 | 4 |
| 7 | Effect of UV-ozone exposure on the dye-sensitized solar cells performance. Solar Energy, 2020, 208, 212-219. | 6.1 | 4 |
| 8 | Optimised site selection of hybrid renewable installations for flare gas reduction using Multi-Criteria decision making. Energy Conversion and Management: X, 2022, 13, 100181. | 1.6 | 3 |
| 9 | Optimal Design of a Hybrid Energy System for Economic and Environmental Sustainability of Onshore Oil and Gas Fields. Energies, 2022, 15, 2063. | 3.1 | 3 |
| 10 | Functionalization of Pristine, Metallic, and Semiconducting-SWCNTs by ZnO for Efficient Charge Carrier Transfer: Analysis through Critical Coagulation Concentration. ACS Omega, 2022, 7, 14784-14796. | 3.5 | 3 |
| 11 | High performance PANI-PSSNa doped counter electrode for dye-sensitized solar cells. Applied Physics A: Materials Science and Processing, 2022, 128, . | 2.3 | 2 |
| 12 | Photon induced separation of bio-nano hybrid complex based on carbon nanotubes and optically active bacteriorhodopsin. Optical Materials Express, 2016, 6, 986. | 3.0 | 1 |
| 13 | Effect of biochemical compounds on ZnO nanomaterial preparation using aloe vera and lemon extracts. Materials Today: Proceedings, 2021, 44, 4299-4304. | 1.8 | 1 |