

Harsh Chaturvedi

List of Publications by Year in descending order

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papers

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