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List of Publications by Year in descending order

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20
papers

409
citations

623734

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839539

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all docs

20
docs citations

20
times ranked

384
citing authors

#	ARTICLE	IF	CITATIONS
1	Ni-doped TiO ₂ / TiO ₂ homojunction photoanodes for efficient dye-sensitized solar cells. International Journal of Energy Research, 2022, 46, 14558-14569.	4.5	17
2	Ultraviolet photodiode fabricated from TiO ₂ nanorods/p-silicon heterojunction. Materials Letters, 2022, 323, 132565.	2.6	7
3	Al-Ga co-doped ZnO/Si heterojunction diodes. Physica B: Condensed Matter, 2021, 600, 412599.	2.7	16
4	W-doped ZnO transparent conducting nanostructures synthesized by hydrothermal method. Journal of Materials Science: Materials in Electronics, 2021, 32, 19126-19135.	2.2	4
5	A route towards enhanced UV photo-response characteristics of SnO ₂ /p-Si based heterostructures by hydrothermally grown nanorods. Journal of Alloys and Compounds, 2020, 849, 156628.	5.5	39
6	Facile fabrication of low-cost low-temperature carbon-based counter electrode with an outstanding fill factor of 73% for dye-sensitized solar cells. International Journal of Energy Research, 2020, 44, 3160-3170.	4.5	19
7	Î ² -Ga ₂ O ₃ nanoflakes/p-Si heterojunction self-powered photodiodes. Materials Today Communications, 2020, 24, 101105.	1.9	22
8	Extraction method dependent performance of bio-based dye-sensitized solar cells (DSSCs). Materials Research Express, 2019, 6, 095512.	1.6	16
9	Plasmonic mesoporous core-shell Ag-Au@TiO ₂ photoanodes for efficient light harvesting in dye sensitized solar cells. Solar Energy, 2019, 193, 820-827.	6.1	22
10	St. Lucie cherry, yellow jasmine, and madder berries as novel natural sensitizers for dye-sensitized solar cells. International Journal of Energy Research, 2019, 43, 3914-3922.	4.5	40
11	Fabrication of Î ³ -Ga ₂ O ₃ /Si Solar-Blind UV Photodiode via Sol-Gel Method. , 2019, , .		0
12	Î ³ -Ga ₂ O ₃ /Si Heterojunction Photodiode with ZnO ARC layer in the UV Detection. , 2019, , .		1
13	Enhancement of efficiency of natural and organic dye sensitized solar cells using thin film TiO ₂ photoanodes fabricated by spin-coating. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 368, 23-29.	3.9	42
14	Structural and optical properties of hexagonal ZnO nanostructures grown by ultrasonic spray CVD. Optik, 2018, 168, 86-91.	2.9	14
15	Influence of the spin acceleration time on the properties of ZnO:Ga thin films deposited by sol-gel method. Journal of Sol-Gel Science and Technology, 2018, 86, 513-520.	2.4	29
16	DFT simulation, quantum chemical electronic structure, spectroscopic and structure-activity investigations of 4-acetylpyridine. Journal of Molecular Structure, 2018, 1161, 55-65.	3.6	22
17	Multi-layered TiO ₂ photoanodes from different precursors of nanocrystals for dye-sensitized solar cells. Solar Energy, 2018, 173, 752-758.	6.1	46
18	Effects of Co and Cu dopants on the structural, optical, and electrical properties of ZnO nanocrystals. Journal of Materials Science: Materials in Electronics, 2017, 28, 6088-6092.	2.2	14

#	ARTICLE	IF	CITATIONS
19	Electron transport in Al-Cu co-doped ZnO thin films. Journal of Applied Physics, 2017, 121, .	2.5	17
20	An Understanding of the Band Gap Shrinkage in Sn-Doped ZnO for Dye-Sensitized Solar Cells. Journal of Electronic Materials, 2017, 46, 6739-6744.	2.2	22