

Fahad Mateen

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

460
citations

840585

11
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940416

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docs citations

16
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus statement: Standardized reporting of power-producing luminescent solar concentrator performance. <i>Joule</i> , 2022, 6, 8-15.	11.7	66
2	Nitrogen-doped carbon quantum dot based luminescent solar concentrator coupled with polymer dispersed liquid crystal device for smart management of solar spectrum. <i>Solar Energy</i> , 2019, 178, 48-55.	2.9	59
3	Tandem structured luminescent solar concentrator based on inorganic carbon quantum dots and organic dyes. <i>Solar Energy</i> , 2019, 190, 488-494.	2.9	58
4	2D MXene: A Potential Candidate for Photovoltaic Cells? A Critical Review. <i>Advanced Science</i> , 2022, 9, e2104743.	5.6	41
5	Metal nanoparticles based stack structured plasmonic luminescent solar concentrator. <i>Solar Energy</i> , 2017, 155, 934-941.	2.9	37
6	Indoor/outdoor light-harvesting by coupling low-cost organic solar cell with a luminescent solar concentrator. <i>Solar Energy</i> , 2020, 207, 379-387.	2.9	34
7	Polymer dispersed liquid crystal device with integrated luminescent solar concentrator. <i>Liquid Crystals</i> , 2018, 45, 498-506.	0.9	32
8	Large-area luminescent solar concentrator utilizing donor-acceptor luminophore with nearly zero reabsorption: Indoor/outdoor performance evaluation. <i>Journal of Luminescence</i> , 2021, 231, 117837.	1.5	30
9	Luminescent solar concentrators based on thermally activated delayed fluorescence dyes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3708-3716.	5.2	27
10	Improvement in the performance of luminescent solar concentrator using array of cylindrical optical fibers. <i>Renewable Energy</i> , 2019, 138, 691-696.	4.3	22
11	Luminescent solar concentrator utilizing energy transfer paired aggregation-induced emissive fluorophores. <i>International Journal of Energy Research</i> , 2021, 45, 17971-17981.	2.2	12
12	Enhanced charge transport characteristics in zinc oxide nanofibers via Mg ²⁺ doping for electron transport layer in perovskite solar cells and antibacterial textiles. <i>Ceramics International</i> , 2022, 48, 24363-24371.	2.3	11
13	Synthesis of the novel binary composite of self-suspended polyaniline (S-PANI) and functionalized multi-walled carbon nanotubes for high-performance supercapacitors. <i>Ionics</i> , 2021, 27, 1743-1755.	1.2	10
14	Luminescent solar concentrator based on large-Stokes shift tetraphenylpyrazine fluorophore combining aggregation-induced emission and intramolecular charge transfer features. <i>Dyes and Pigments</i> , 2022, 202, 110221.	2.0	9
15	Thin-Film Luminescent Solar Concentrator Based on Intramolecular Charge Transfer Fluorophore and Effect of Polymer Matrix on Device Efficiency. <i>Polymers</i> , 2021, 13, 3770.	2.0	6
16	Highly efficient indoor/outdoor light harvesting luminescent solar concentrator employing aggregation-induced emissive fluorophore. <i>Dyes and Pigments</i> , 2022, 205, 110563.	2.0	6