

Waqar Ahmad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10198004/publications.pdf>

Version: 2024-02-01

18
papers

656
citations

933447

10
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1304
citing authors

#	ARTICLE	IF	CITATIONS
1	Inorganic CsPbI ₃ Perovskite-Based Solar Cells: A Choice for a Tandem Device. <i>Solar Rrl</i> , 2017, 1, 1700048.	5.8	268
2	Lead Selenide (PbSe) Colloidal Quantum Dot Solar Cells with >10% Efficiency. <i>Advanced Materials</i> , 2019, 31, e1900593.	21.0	80
3	Low-temperature-processed SnO ₂ as a counter electrode for efficient PbS quantum-dot solar cells via defect passivation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17240-17247.	10.3	63
4	Enhanced Electrocatalytic Activity by RGO/MWCNTs/NiO Counter Electrode for Dye-sensitized Solar Cells. <i>Nano-Micro Letters</i> , 2015, 7, 298-306.	27.0	41
5	NiO-NF/MWCNT nanocomposite catalyst as a counter electrode for high performance dye-sensitized solar cells. <i>Applied Surface Science</i> , 2015, 331, 333-338.	6.1	36
6	Extraction of nano-silicon with activated carbons simultaneously from rice husk and their synergistic catalytic effect in counter electrodes of dye-sensitized solar cells. <i>Scientific Reports</i> , 2016, 6, 39314.	3.3	29
7	Highly efficient dye-sensitized solar cell with GNS/MWCNT/PANI as a counter electrode. <i>Materials Research Bulletin</i> , 2014, 59, 272-277.	5.2	27
8	P-type NiO nanoparticles enhanced acetylene black as efficient counter electrode for dye-sensitized solar cells. <i>Materials Research Bulletin</i> , 2015, 67, 185-190.	5.2	24
9	Low-pressure treatment of CuSCN hole transport layers for enhanced carbon-based perovskite solar cells. <i>Journal of Power Sources</i> , 2021, 499, 229970.	7.8	22
10	Work function engineering to enhance open-circuit voltage in planar perovskite solar cells by g-C ₃ N ₄ nanosheets. <i>Nano Research</i> , 2021, 14, 2139-2144.	10.4	11
11	Layer-by-layer deposition of CNT ⁻ and CNT ⁺ hybrid films for platinum free counters electrodes of dye-sensitized-solar-cells. <i>RSC Advances</i> , 2015, 5, 95551-95557.	3.6	9
12	Three-dimensional nanocomposite formed by hydrophobic multiwalled carbon nanotubes threading titanium dioxide as the counter electrode of enhanced performance dye-sensitized solar cells. <i>RSC Advances</i> , 2016, 6, 55071-55078.	3.6	9
13	Facile, rapid and in-situ synthesis of ZnO nanoparticle films on Zn wires for fiber dye-sensitized solar cells. <i>Materials Research Bulletin</i> , 2015, 66, 244-248.	5.2	8
14	Formation of short three dimensional porous assemblies of super hydrophobic acetylene black intertwined by copper oxide nanorods for a robust counter electrode of DSSCs. <i>RSC Advances</i> , 2015, 5, 35635-35642.	3.6	8
15	A low-temperature solution-processed indium incorporated zinc oxide electron transport layer for high-efficiency lead sulfide colloidal quantum dot solar cells. <i>Nanoscale</i> , 2021, 13, 12991-12999.	5.6	8
16	Mechanism for the formation of magnetite iron oxide nanostructures by Ficus carica dried fruit extract using green synthesis method. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 1857-1865.	3.1	8
17	Low-Temperature-Processed ZnO Electron Transport Layers for PbS Colloidal Quantum Dot-Based Solar Cells. <i>ACS Applied Nano Materials</i> , 2021, 4, 8888-8896.	5.0	4
18	Stable Flexible Piezoresistive Sensors with Viscoelastic Ni Nanowires/PDMS Composites and Ni Foam Electrodes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1031-1037.	1.2	1