Waqar Ahmad

List of Publications by Year
in descending order

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18	656	933447 10	839539 18
papers	citations	h-index	g-index

18	18	18	1304
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A low-temperature solution-processed indium incorporated zinc oxide electron transport layer for high-efficiency lead sulfide colloidal quantum dot solar cells. Nanoscale, 2021, 13, 12991-12999.	5.6	8
2	Stable Flexible Piezoresistive Sensors with Viscoelastic Ni Nanowiresâ€PDMS Composites and Ni Foam Electrodes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1031-1037.	1.2	1
3	Work function engineering to enhance open-circuit voltage in planar perovskite solar cells by g-C3N4 nanosheets. Nano Research, 2021, 14, 2139-2144.	10.4	11
4	Mechanism for the formation of magnetite iron oxide nanostructures by Ficus carica dried fruit extract using green synthesis method. Applied Nanoscience (Switzerland), 2021, 11, 1857-1865.	3.1	8
5	Low-pressure treatment of CuSCN hole transport layers for enhanced carbon-based perovskite solar cells. Journal of Power Sources, 2021, 499, 229970.	7.8	22
6	Low-Temperature-Processed ZnO Electron Transport Layers for PbS Colloidal Quantum Dot-Based Solar Cells. ACS Applied Nano Materials, 2021, 4, 8888-8896.	5.0	4
7	Lead Selenide (PbSe) Colloidal Quantum Dot Solar Cells with >10% Efficiency. Advanced Materials, 2019, 31, e1900593.	21.0	80
8	Inorganic CsPbI₃ Perovskiteâ€Based Solar Cells: A Choice for a Tandem Device. Solar Rrl, 2017, 1, 1700048.	5.8	268
9	Low-temperature-processed SnO₂â€“Cl for efficient PbS quantum-dot solar cells via defect passivation. Journal of Materials Chemistry A, 2017, 5, 17240-17247.	10.3	63
10	Extraction of nano-silicon with activated carbons simultaneously from rice husk and their synergistic catalytic effect in counter electrodes of dye-sensitized solar cells. Scientific Reports, 2016, 6, 39314.	3.3	29
11	Three-dimensional nanocomposite formed by hydrophobic multiwalled carbon nanotubes threading titanium dioxide as the counter electrode of enhanced performance dye-sensitized solar cells. RSC Advances, 2016, 6, 55071-55078.	3.6	9
12	Enhanced Electrocatalytic Activity by RGO/MWCNTs/NiO Counter Electrode for Dye-sensitized Solar Cells. Nano-Micro Letters, 2015, 7, 298-306.	27.0	41
13	NiO-NF/MWCNT nanocomposite catalyst as a counter electrode for high performance dye-sensitized solar cells. Applied Surface Science, 2015, 331, 333-338.	6.1	36
14	Facile, rapid and in-situ synthesis of ZnO nanoparticle films on Zn wires for fiber dye-sensitized solar cells. Materials Research Bulletin, 2015, 66, 244-248.	5.2	8
15	P-type NiO nanoparticles enhanced acetylene black as efficient counter electrode for dye-sensitized solar cells. Materials Research Bulletin, 2015, 67, 185-190.	5.2	24
16	Formation of short three dimensional porous assemblies of super hydrophobic acetylene black intertwined by copper oxide nanorods for a robust counter electrode of DSSCs. RSC Advances, 2015, 5, 35635-35642.	3.6	8
17	Layer-by-layer deposition of CNTâ^' and CNT+ hybrid films for platinum free counters electrodes of dye-sensitized-solar-cells. RSC Advances, 2015, 5, 95551-95557.	3.6	9
18	Highly efficient dye-sensitized solar cell with GNS/MWCNT/PANI as a counter electrode. Materials Research Bulletin, 2014, 59, 272-277.	5.2	27