

Jiamin Wu

List of Publications by Year in descending order

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21
papers

905
citations

840776

11
h-index

794594

19
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21
all docs

21
docs citations

21
times ranked

1865
citing authors

#	ARTICLE	IF	CITATIONS
1	Ordered TiO ₂ Nanotube Arrays on Transparent Conductive Oxide for Dye-Sensitized Solar Cells. <i>Chemistry of Materials</i> , 2010, 22, 143-148.	6.7	203
2	Catalytic reduction of 4-nitrophenol over Ni-Pd nanodimers supported on nitrogen-doped reduced graphene oxide. <i>Journal of Hazardous Materials</i> , 2016, 320, 96-104.	12.4	121
3	Hybrid TiO ₂ –SnO ₂ Nanotube Arrays for Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2013, 117, 3232-3239.	3.1	113
4	Enhancing the performance of planar organo-lead halide perovskite solar cells by using a mixed halide source. <i>Journal of Materials Chemistry A</i> , 2015, 3, 963-967.	10.3	91
5	Interfacial engineering with amino-functionalized graphene for efficient perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13482-13487.	10.3	80
6	Cholesterol-based low-molecular mass gelators towards smart ionogels. <i>Soft Matter</i> , 2012, 8, 11697.	2.7	60
7	Interface engineering via an insulating polymer for highly efficient and environmentally stable perovskite solar cells. <i>Chemical Communications</i> , 2016, 52, 11355-11358.	4.1	58
8	Triboelectric Nanogenerator Using Microdome-Patterned PDMS as a Wearable Respiratory Energy Harvester. <i>Advanced Materials Technologies</i> , 2017, 2, 1700014.	5.8	38
9	Perovskite solar cells based on bottom-fused TiO ₂ nanocones. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1520-1530.	10.3	36
10	TiO ₂ /ZnO/TiO ₂ sandwich multi-layer films as a hole-blocking layer for efficient perovskite solar cells. <i>International Journal of Energy Research</i> , 2016, 40, 806-813.	4.5	31
11	Substrate placement angle-dependent growth of dandelion-like TiO ₂ nanorods for solid-state semiconductor-sensitized solar cells. <i>RSC Advances</i> , 2014, 4, 53335-53343.	3.6	14
12	Ultra-small TiO ₂ nanowire forests on transparent conducting oxide for solid-state semiconductor-sensitized solar cells. <i>RSC Advances</i> , 2014, 4, 46987-46991.	3.6	10
13	The application of Al ₂ Ti ₅ at the TiO ₂ /perovskite interface to decrease carrier losses in solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3691-3698.	10.3	10
14	Nanostructured solar cell based on solution processed Cu ₂ ZnSnS ₄ nanoparticles and vertically aligned ZnO nanorod array. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 971-975.	2.4	9
15	Separation of single-stranded DNA fragments at a 10-nucleotide resolution by stretching in microfluidic channels. <i>Lab on A Chip</i> , 2011, 11, 4036.	6.0	8
16	Multistage Magnetic Separation of Microspheres Enabled by Temperature-Responsive Polymers. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3041-3046.	8.0	8
17	Sorting Short Fragments of Single-Stranded DNA with an Evolving Electric Double Layer. <i>Journal of Physical Chemistry B</i> , 2013, 117, 2267-2272.	2.6	7
18	Characteristics of skin-electrode impedance for a novel screw electrode. , 2014, 2014, 1-2.		5

#	ARTICLE	IF	CITATIONS
19	Visualization of electrical field of electrode using voltage-controlled fluorescence release. Computers in Biology and Medicine, 2016, 75, 38-44.	7.0	2
20	Nanostructured Surfaces, Coatings, and Films: Fabrication, Characterization, and Application. Journal of Nanomaterials, 2013, 2013, 1-2.	2.7	1
21	Nanostructured Surfaces, Coatings, and Films 2014. Journal of Nanomaterials, 2015, 2015, 1-2.	2.7	0