

Shulin Ji

List of Publications by Year in descending order

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26
papers

1,193
citations

430442

18
h-index

552369

26
g-index

27
all docs

27
docs citations

27
times ranked

2142
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Response of Transparent Silver Nanowire/PEDOT:PSS Film Heaters. <i>Small</i> , 2014, 10, 4951-4960.	5.2	232
2	Silver Nanowire Transparent Conductive Films with High Uniformity Fabricated via a Dynamic Heating Method. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9865-9871.	4.0	95
3	A one-step route to Ag nanowires with a diameter below 40 nm and an aspect ratio above 1000. <i>Chemical Communications</i> , 2014, 50, 14877-14880.	2.2	89
4	Synthesis of Rare Earth Ions-Doped ZnO Nanostructures with Efficient Host \rightarrow Guest Energy Transfer. <i>Journal of Physical Chemistry C</i> , 2009, 113, 16439-16444.	1.5	76
5	Fabrication of silver nanowire transparent conductive films with an ultra-low haze and ultra-high uniformity and their application in transparent electronics. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2240-2246.	2.7	74
6	A Route to Phase Controllable Cu ₂ ZnSn(S _{1-x} Se _x) ₄ Nanocrystals with Tunable Energy Bands. <i>Scientific Reports</i> , 2013, 3, 2733.	1.6	73
7	Flexible, in-plane, and all-solid-state micro-supercapacitors based on printed interdigital Au/polyaniline network hybrid electrodes on a chip. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20916-20922.	5.2	72
8	Effect of ZnS and CdS coating on the photovoltaic properties of CuInS ₂ -sensitized photoelectrodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 4890.	6.7	66
9	Infrared response of self-heating VO ₂ nanoparticles film based on Ag nanowires heater. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20470-20473.	5.2	46
10	Synthesis of very thin Ag nanowires with fewer particles by suppressing secondary seeding. <i>CrystEngComm</i> , 2017, 19, 148-153.	1.3	45
11	Study on hole-transport-material-free planar TiO ₂ /CH ₃ NH ₃ PbI ₃ heterojunction solar cells: the simplest configuration of a working perovskite solar cell. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14902-14909.	5.2	40
12	Synthesis, characterization, and surface-enhanced Raman scattering of near infrared absorbing Cu ₃ SbS ₃ nanocrystals. <i>CrystEngComm</i> , 2013, 15, 10431.	1.3	35
13	High-purity very thin silver nanowires obtained by Ostwald ripening-driven coarsening and sedimentation of nanoparticles. <i>CrystEngComm</i> , 2018, 20, 2834-2840.	1.3	34
14	The synthesis of monodispersed AgBiS ₂ quantum dots with a giant dielectric constant. <i>CrystEngComm</i> , 2013, 15, 7644.	1.3	30
15	Interface engineering: Boosting the energy conversion efficiencies for nanostructured solar cells. <i>Pure and Applied Chemistry</i> , 2012, 84, 2653-2675.	0.9	29
16	Flexible Si/PEDOT:PSS hybrid solar cells. <i>Nano Research</i> , 2015, 8, 3141-3149.	5.8	27
17	Formulation of concentrated and stable ink of silver nanowires with applications in transparent conductive films. <i>RSC Advances</i> , 2017, 7, 1936-1942.	1.7	26
18	Tackling the Stability Issues of Silver Nanowire Transparent Conductive Films through FeCl ₃ Dilute Solution Treatment. <i>Nanomaterials</i> , 2019, 9, 533.	1.9	20

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19	A facile method for effective doping of Tb ³⁺ into ZnO nanocrystals. <i>Chemical Communications</i> , 2009, , 2344.	2.2	16
20	<i>In situ</i> metal doping during modified anodization synthesis of Nb ₂ O ₅ with enhanced photoelectrochemical water splitting. <i>AIChE Journal</i> , 2016, 62, 352-358.	1.8	16
21	2D foaming of ultrathin MXene sheets with highly conductive silver nanowires for wearable electromagnetic interference shielding applications owing to multiple reflections within created free space. <i>Nano Futures</i> , 2020, 4, 035002.	1.0	16
22	On the stability of CdSe quantum dot-sensitized solar cells. <i>RSC Advances</i> , 2014, 4, 15702.	1.7	14
23	Sandwich-Structured Silver Nanowire Transparent Conductive Films with 3H Hardness and Robust Flexibility for Potential Applications in Curved Touch Screens. <i>Nanomaterials</i> , 2019, 9, 557.	1.9	11
24	Structural manipulation of silver nanowire transparent conductive films for optoelectrical property optimization in different application fields. <i>Thin Solid Films</i> , 2021, 729, 138679.	0.8	7
25	Highly accurate particulate matter detection assisted by an air heater based on a silver nanowire film. <i>Nanotechnology</i> , 2019, 30, 485204.	1.3	3
26	Fracture behaviour of silver nanowire films during shear deformation. <i>Nanotechnology</i> , 2022, 33, 375706.	1.3	1