

Changhui Ye

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,128
citations

218381

26
h-index

253896

43
g-index

45
all docs

45
docs citations

45
times ranked

3550
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly sensitive strain sensor with a sandwich structure composed of two silver nanoparticles layers and one silver nanowires layer for human motion detection. <i>Nanotechnology</i> , 2021, 32, 375504.	1.3	8
2	A reusable wet-transfer printing technique for manufacturing of flexible silver nanowire film-based electrodes. <i>Nanotechnology</i> , 2021, 32, 505510.	1.3	3
3	Enhanced stability of silver nanowire transparent conductive films against ultraviolet light illumination. <i>Nanotechnology</i> , 2021, 32, 055603.	1.3	5
4	Alternating Current Electroluminescent Devices with Inorganic Phosphors for Deformable Displays. <i>Cell Reports Physical Science</i> , 2020, 1, 100213.	2.8	22
5	Electrothermal Actuators with Ultrafast Response Speed and Large Deformation. <i>Advanced Intelligent Systems</i> , 2020, 2, 2000036.	3.3	20
6	Micropore-Boosted Layered Double Hydroxide Catalysts: EIS Analysis in Structure and Activity for Effective Oxygen Evolution Reactions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30887-30893.	4.0	26
7	Unravelling the detrimental effect of water in the polyol synthesis of ultrathin silver nanowires. <i>CrystEngComm</i> , 2019, 21, 5243-5248.	1.3	3
8	Halogen Vacancies Enable Ligand-Assisted Self-Assembly of Perovskite Quantum Dots into Nanowires. <i>Angewandte Chemie</i> , 2019, 131, 16223-16227.	1.6	16
9	Halogen Vacancies Enable Ligand-Assisted Self-Assembly of Perovskite Quantum Dots into Nanowires. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16077-16081.	7.2	49
10	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
11	Strongly Adhesive Silver Nanowire Ink Makes Delamination-Free Transparent Conductive Films Possible. <i>ACS Applied Nano Materials</i> , 2019, 2, 6707-6714.	2.4	23
12	Water-Based Purification of Ultrathin Silver Nanowires toward Transparent Conductive Films with a Transmittance Higher than 99%. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22648-22654.	4.0	30
13	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
14	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
15	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
16	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
17	Carbon-Based Flexible and All-Solid-State Micro-supercapacitors Fabricated by Inkjet Printing with Enhanced Performance. <i>Nano-Micro Letters</i> , 2017, 9, 19.	14.4	50
18	Highly Flexible and Bright Electroluminescent Devices Based on Ag Nanowire Electrodes and Top-Emission Structure. <i>Advanced Electronic Materials</i> , 2017, 3, 1600535.	2.6	54

#	ARTICLE	IF	CITATIONS
19	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
20	Synthesis of very thin Ag nanowires with fewer particles by suppressing secondary seeding. <i>CrystEngComm</i> , 2017, 19, 148-153.	1.3	45
21	Fabrication of Orientation-Tunable Si Nanowires on Silicon Pyramids with Omnidirectional Light Absorption. <i>Langmuir</i> , 2017, 33, 3569-3575.	1.6	14
22	Coaxial-structured Weavable and Wearable Electroluminescent Fibers. <i>Advanced Electronic Materials</i> , 2017, 3, 1700401.	2.6	63
23	3D Interdigital Au/MnO ₂ /Au Stacked Hybrid Electrodes for On-Chip Microsupercapacitors. <i>Small</i> , 2016, 12, 3059-3069.	5.2	119
24	<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
25	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
26	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
27	Flexible Si/PEDOT:PSS hybrid solar cells. <i>Nano Research</i> , 2015, 8, 3141-3149.	5.8	27
28	Flexible and all-solid-state supercapacitors with long-time stability constructed on PET/Au/polyaniline hybrid electrodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 617-623.	5.2	44
29	On the stability of CdSe quantum dot-sensitized solar cells. <i>RSC Advances</i> , 2014, 4, 15702.	1.7	14
30	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
31	Thermal Response of Transparent Silver Nanowire/PEDOT:PSS Film Heaters. <i>Small</i> , 2014, 10, 4951-4960.	5.2	232
32	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
33	Automatic Release of Silicon Nanowire Arrays with a High Integrity for Flexible Electronic Devices. <i>Scientific Reports</i> , 2014, 4, 3940.	1.6	15
34	The synthesis of monodispersed AgBiS ₂ quantum dots with a giant dielectric constant. <i>CrystEngComm</i> , 2013, 15, 7644.	1.3	30
35	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
36	Interface engineering: Boosting the energy conversion efficiencies for nanostructured solar cells. <i>Pure and Applied Chemistry</i> , 2012, 84, 2653-2675.	0.9	29

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37	Effect of ZnS and CdS coating on the photovoltaic properties of CuInS ₂ -sensitized photoelectrodes. Journal of Materials Chemistry, 2012, 22, 4890.	6.7	66
38	One-dimensional inorganic semiconductor nanostructures: A new carrier for nanosensors. Pure and Applied Chemistry, 2010, 82, 2185-2198.	0.9	88
39	Synthesis of Rare Earth Ions-Doped ZnO Nanostructures with Efficient Host-Guest Energy Transfer. Journal of Physical Chemistry C, 2009, 113, 16439-16444.	1.5	76
40	Reversible blue light emission from self-assembled silica nanocords. Applied Physics Letters, 2005, 87, 033106.	1.5	36
41	Zinc Oxide Nanostructures: Morphology Derivation and Evolution. Journal of Physical Chemistry B, 2005, 109, 19758-19765.	1.2	206
42	Rational Growth of Bi ₂ S ₃ Nanotubes from Quasi-two-dimensional Precursors. Journal of the American Chemical Society, 2002, 124, 15180-15181.	6.6	190