

# Zhenjiang Li

## List of Publications by Year in descending order

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115  
papers

5,009  
citations

101535

36  
h-index

106340

65  
g-index

121  
all docs

121  
docs citations

121  
times ranked

4509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Curly fish scales-like Ni <sub>2.5</sub> Mo <sub>6</sub> S <sub>6.7</sub> electrodeposited on PEDOT-rGO with uneven surface as ultrafast response electrode for electrocatalytic glucose, nitrite and hydrogen peroxide. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 131-141.	9.4	7
2	Phosphorus-doped MoS <sub>2</sub> with sulfur vacancy defects for enhanced electrochemical water splitting. <i>Science China Materials</i> , 2022, 65, 712-720.	6.3	31
3	High-energy ball-milling constructing P-doped g-C <sub>3</sub> N <sub>4</sub> /MoP heterojunction with Mo N bond bridged interface and Schottky barrier for enhanced photocatalytic H <sub>2</sub> evolution. <i>Applied Catalysis B: Environmental</i> , 2022, 303, 120933.	20.2	93
4	Intercalation-deintercalation design in MXenes for high-performance supercapacitors. <i>Nano Research</i> , 2022, 15, 3213-3221.	10.4	17
5	Rapid and large-scale synthesis of ultra-small immiscible alloy supported catalysts. <i>Applied Catalysis B: Environmental</i> , 2022, 304, 120916.	20.2	20
6	Improve field emission properties of SiC nanowires by doping rare earth cerium under different methane ventilation rate. <i>Materials Chemistry and Physics</i> , 2022, 277, 125631.	4.0	2
7	Interfacial engineering improved internal electric field contributing to direct Z-scheme-dominated mechanism over CdSe/SL-ZnIn <sub>2</sub> S <sub>4</sub> /MoSe <sub>2</sub> heterojunction for efficient photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2022, 431, 134000.	12.7	36
8	Porous biomass-derived carbon modified by Cu, N co-doping and Cu nanoparticles as high-efficient electrocatalyst for oxygen reduction reaction and zinc-air battery. <i>Journal of Alloys and Compounds</i> , 2022, 897, 163175.	5.5	13
9	Insight into the coordinating mechanism of multi-electron reaction and structural stability induced by K <sup>+</sup> pre-intercalation for magnesium ions batteries. <i>Nano Energy</i> , 2022, 93, 106838.	16.0	20
10	Rapid, continuous, large-scale synthesis of ZnO/Ag hybrid nanoparticles via one-step impinging stream route for efficient photocatalytic and anti-algal applications. <i>Materials Today Communications</i> , 2022, 30, 103121.	1.9	6
11	Interfacial Engineering and a Low-Crystalline Strategy for High-Performance Supercapacitor Negative Electrodes: Fe <sub>2</sub> P <sub>2</sub> O <sub>7</sub> Nanoplates Anchored on N/P Co-doped Graphene Nanotubes. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 3363-3373.	8.0	19
12	Designing porous and stable Au-coated Ni nanosheets on Ni foam for quasi-symmetrical polymer Li-air batteries. <i>Materials Chemistry Frontiers</i> , 2022, 6, 352-359.	5.9	1
13	Heterostructure of RuO <sub>2</sub> /RuP <sub>2</sub> /Ru Derived from HMT-based Coordination Polymers as Superior pH-Universal Electrocatalyst for Hydrogen Evolution Reaction. <i>Small</i> , 2022, 18, e2105168.	10.0	19
14	PVP-induced synergistic engineering of interlayer, self-doping, active surface and vacancies in VS <sub>4</sub> for enhancing magnesium ions storage and durability. <i>Energy Storage Materials</i> , 2022, 47, 211-222.	18.0	36
15	Reinforced concrete inspired Si/rGO/cPAN hybrid electrode: highly improved lithium storage via Si electrode nanoarchitecture engineering. <i>Nanoscale</i> , 2022, 14, 6488-6496.	5.6	11
16	Pomelo peel-derived porous carbon as excellent LiPS anchor in lithium-sulfur batteries. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 973-984.	2.5	10
17	Coupling of N-Doped Mesoporous Carbon and N <sub>3</sub> C <sub>2</sub> in 2D Sandwiched Heterostructure for Enhanced Oxygen Electroreduction. <i>Small</i> , 2022, 18, e2106581.	10.0	14
18	Superfast tellurizing synthesis of unconventional phase-controlled small Pd-Te nanoparticles. <i>Science China Materials</i> , 2022, 65, 1853-1860.	6.3	2

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19	Dual-strategy of hetero-engineering and cation doping to boost energy-saving hydrogen production via hydrazine-assisted seawater electrolysis. <i>Science China Materials</i> , 2022, 65, 1539-1549.	6.3	22
20	Monodispersed Co@C nanoparticles anchored on reclaimed carbon black toward high-performance electromagnetic wave absorption. <i>Journal of Materials Science and Technology</i> , 2022, 124, 182-192.	10.7	63
21	Construction of SiCNWS@NiCo <sub>2</sub> O <sub>4</sub> @PANI 1D hierarchical nanocomposites toward high-efficiency microwave absorption. <i>Applied Surface Science</i> , 2022, 592, 153324.	6.1	27
22	Strategy of cation/anion co-doping for potential elevating of VS <sub>4</sub> cathode for magnesium ion batteries. <i>Chemical Engineering Journal</i> , 2022, 439, 135778.	12.7	20
23	Porous PdWM (M = Nb, Mo and Ta) Trimetallene for High C1 Selectivity in Alkaline Ethanol Oxidation Reaction. <i>Advanced Science</i> , 2022, 9, e2103722.	11.2	41
24	Controllable oxygen vacancies and morphology engineering: Ultra-high HER/OER activity under base/acid conditions and outstanding antibacterial properties. <i>Journal of Energy Chemistry</i> , 2022, 71, 639-651.	12.9	36
25	Bottom-up strategy for precisely designing and fabricating direct Z-scheme photocatalyst with wedge-type heterointerface bridged by chemical bond. <i>Chemical Engineering Journal</i> , 2022, 445, 136785.	12.7	10
26	Constructing stable charge redistribution through strong metal-support interaction for overall water splitting in acidic solution. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13241-13246.	10.3	15
27	The Semicoherent Interface and Vacancy Engineering for Constructing Ni(Co)Se <sub>2</sub> @Co(Ni)Se <sub>2</sub> Heterojunction as Ultrahigh-Rate Battery-Type Supercapacitor Cathode. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	57
28	Selenium vacancies enable efficient immobilization and bidirectional conversion acceleration of lithium polysulfides for advanced Li-S batteries. <i>Nano Research</i> , 2022, 15, 7234-7246.	10.4	19
29	Epitaxial Electrocrystallization of Magnesium <i>via</i> Synergy of Magnesiophilic Interface, Lattice Matching, and Electrostatic Confinement. <i>ACS Nano</i> , 2022, 16, 9894-9907.	14.6	26
30	Ru, B Co-doped hollow structured iron phosphide as highly efficient electrocatalyst toward hydrogen generation in wide pH range. <i>Journal of Materials Chemistry A</i> , 2022, 10, 15155-15160.	10.3	16
31	Interfacial engineering boosting charge extraction for efficient photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2022, 450, 138015.	12.7	9
32	Ni <sub>3</sub> Se <sub>2</sub> nanosheets in-situ grown on 3D NiSe nanowire arrays with enhanced electrochemical performances for supercapacitor and efficient oxygen evolution. <i>Materials Characterization</i> , 2021, 172, 110819.	4.4	20
33	Self-assembly of functionalized Echinops-like Rh porous nanostructure electrocatalysts for highly efficient seawater splitting. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8314-8322.	5.5	18
34	Nickel sulfide nanoworm network architecture as a binder-free high-performance non-enzymatic glucose sensor. <i>Mikrochimica Acta</i> , 2021, 188, 34.	5.0	7
35	3D urchin like V-doped CoP in situ grown on nickel foam as bifunctional electrocatalyst for efficient overall water-splitting. <i>Nano Research</i> , 2021, 14, 4173-4181.	10.4	59
36	Facile Synthesis of Fe/Cr-Codoped ZnO Nanoparticles with Excellent Adsorption Performance for Various Pollutants. <i>Journal of Ocean University of China</i> , 2021, 20, 349-360.	1.2	3

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37	Sulfur vacancies and morphology dependent sodium storage properties of MoS <sub>2-x</sub> and its sodiation/desodiation mechanism. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 147-156.	9.4	29
38	Carbon nanotubes-supported Ag/MoO <sub>2</sub> or Ag/MnO <sub>2</sub> heterostructures for a highly efficient oxygen reduction reaction. <i>Materials Characterization</i> , 2021, 176, 111147.	4.4	10
39	Molybdenum sulfide-modified metal-free graphitic carbon nitride/black phosphorus photocatalyst synthesized via high-energy ball-milling for efficient hydrogen evolution and hexavalent chromium reduction. <i>Journal of Hazardous Materials</i> , 2021, 413, 125400.	12.4	59
40	Interfacial chemical bond and internal electric field modulated Z-scheme Sv-ZnIn <sub>2</sub> S <sub>4</sub> /MoSe <sub>2</sub> photocatalyst for efficient hydrogen evolution. <i>Nature Communications</i> , 2021, 12, 4112.	12.8	421
41	Mo-doped VS <sub>4</sub> with interlayer-expanded and engineering sulfur vacancies as cathode for advanced magnesium storage. <i>Chemical Engineering Journal</i> , 2021, 417, 129328.	12.7	42
42	Multi-Sites Electrocatalysis in High-Entropy Alloys. <i>Advanced Functional Materials</i> , 2021, 31, 2106715.	14.9	128
43	Mechanistic Insights into the Intercalation and Interfacial Chemistry of Mesocarbon Microbeads Anode for Potassium Ion Batteries. <i>Small</i> , 2021, 17, e2103557.	10.0	16
44	Preparation, superior field emission properties and first principles calculation of electronic structure of SiC nanowire arrays on Si substrate. <i>Materials Characterization</i> , 2021, 180, 111413.	4.4	5
45	Vacancy-engineered MoO <sub>3</sub> and Na <sup>+</sup> -preinserted MnO <sub>2</sub> in situ grown N-doped graphene nanotubes as electrode materials for high-performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20794-20806.	10.3	15
46	Current Design Strategies for Rechargeable Magnesium-Based Batteries. <i>ACS Nano</i> , 2021, 15, 15594-15624.	14.6	89
47	Synergy Strategy of Electrical Conductivity Enhancement and Vacancy Introduction for Improving the Performance of VS <sub>4</sub> Magnesium-Ion Battery Cathode. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 54005-54017.	8.0	20
48	NiCoSe <sub>2</sub> /Ni <sub>3</sub> Se <sub>2</sub> lamella arrays grown on N-doped graphene nanotubes with ultrahigh-rate capability and long-term cycling for asymmetric supercapacitor. <i>Science China Materials</i> , 2020, 63, 229-239.	6.3	40
49	Scalable and energy-efficient synthesis of Co <sub>x</sub> P for overall water splitting in alkaline media by high energy ball milling. <i>Sustainable Energy and Fuels</i> , 2020, 4, 1723-1729.	4.9	16
50	Interlayer engineering of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXenes towards high capacitance supercapacitors. <i>Nanoscale</i> , 2020, 12, 763-771.	5.6	73
51	Emerging 2D MXenes for supercapacitors: status, challenges and prospects. <i>Chemical Society Reviews</i> , 2020, 49, 6666-6693.	38.1	466
52	Facile fabrication of ZnPc sensitized g-C <sub>3</sub> N <sub>4</sub> through ball milling method toward an enhanced photocatalytic property. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 939-947.	2.3	5
53	Engineering ultrahigh-specific-capacity Fe <sub>3</sub> O <sub>4</sub> nanoparticles and Ni(OH) <sub>2</sub> /Co <sub>0.85</sub> Se nanostructures separately anchored on N-doped graphene nanotubes toward alkaline rechargeable battery. <i>Materials Characterization</i> , 2020, 165, 110375.	4.4	6
54	Synthesis and enhanced electromagnetic wave absorption performances of Fe <sub>3</sub> O <sub>4</sub> @C decorated walnut shell-derived porous carbon. <i>Carbon</i> , 2020, 167, 148-159.	10.3	177

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55	Sulfur-deficient Co <sub>9</sub> S <sub>8</sub> /Ni <sub>3</sub> S <sub>2</sub> nanoflakes anchored on N-doped graphene nanotubes as high-performance electrode materials for asymmetric supercapacitors. <i>Science China Technological Sciences</i> , 2020, 63, 675-685.	4.0	12
56	Electromagnetic wave absorption properties of SiC@SiO <sub>2</sub> nanoparticles fabricated by a catalyst-free precursor pyrolysis method. <i>Journal of Alloys and Compounds</i> , 2020, 830, 154643.	5.5	26
57	Designable synthesis of reduced graphene oxide modified using CoFe <sub>2</sub> O <sub>4</sub> nanospheres with tunable enhanced microwave absorption performances between the whole X and Ku bands. <i>Composites Part B: Engineering</i> , 2020, 190, 107902.	12.0	55
58	Template-free one-step synthesis of the multi-layer carbon or stacked graphene sheets coessentially coating N-doped graphene tubes and their field emission and photoluminescence properties. <i>Journal of Alloys and Compounds</i> , 2020, 829, 154411.	5.5	11
59	3D Honeycomb Nanostructure Comprised of Mesoporous N-Doped Carbon Nanosheets Encapsulating Isolated Cobalt and Vanadium Nitride Nanoparticles as a Highly Efficient Electrocatalyst for the Oxygen Reduction Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3291-3301.	6.7	30
60	Amorphous nickel sulfide nanoparticles anchored on N-doped graphene nanotubes with superior properties for high-performance supercapacitors and efficient oxygen evolution reaction. <i>Nanoscale</i> , 2020, 12, 4655-4666.	5.6	29
61	Morphology-dependent electrochemical performance of VS <sub>4</sub> for rechargeable magnesium battery and its magnesiation/demagnesiation mechanism. <i>Journal of Power Sources</i> , 2020, 451, 227815.	7.8	50
62	One-step synthesis of flower-like Bi <sub>2</sub> O <sub>3</sub> /Bi <sub>2</sub> Se <sub>3</sub> nanoarchitectures and NiCoSe <sub>2</sub> /Ni <sub>0.85</sub> Se nanoparticles with appealing rate capability for the construction of high-energy and long-cycle-life asymmetric aqueous batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17613-17625.	10.3	57
63	Net-like SiC@C coaxial nanocable towards superior lightweight and broadband microwave absorber. <i>Composites Part B: Engineering</i> , 2019, 179, 107525.	12.0	54
64	Facile fabrication of g-C <sub>3</sub> N <sub>4</sub> /SnO <sub>2</sub> composites and ball milling treatment for enhanced photocatalytic performance. <i>Journal of Alloys and Compounds</i> , 2019, 802, 13-18.	5.5	36
65	Effect of heat preservation time on the micro morphology and field emission properties of La-doped SiC nanowires. <i>CrystEngComm</i> , 2019, 21, 3993-4000.	2.6	13
66	Ag/ZrO <sub>2</sub> /MWCNT Nanocomposite as Non-Platinum Electrocatalysts for Enhanced Oxygen Reduction Reaction. <i>ChemCatChem</i> , 2019, 11, 2900-2908.	3.7	11
67	Porous Nanofibers Formed by Heterogeneous Growth of ZnO/Ag Particles and the Enhanced Photocatalysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7163-7168.	0.9	0
68	Large scale N-doped GNTs@α-SiO <sub>x</sub> (x=1~2) NPs: template-free one-step synthesis, and field emission and photoluminescence properties. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3756-3764.	5.5	2
69	Direct growth of 3D porous (Ni-Co) <sub>3</sub> S <sub>4</sub> nanosheets arrays on rGO-PEDOT hybrid film for high performance non-enzymatic glucose sensing. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 9-16.	7.8	38
70	Oxygen-vacancy Bi <sub>2</sub> O <sub>3</sub> nanosheet arrays with excellent rate capability and CoNi <sub>2</sub> S <sub>4</sub> nanoparticles immobilized on N-doped graphene nanotubes as robust electrode materials for high-energy asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7918-7931.	10.3	92
71	CoNi Bimetal Cocatalyst Modifying a Hierarchical ZnIn <sub>2</sub> S <sub>4</sub> Nanosheet-Based Microsphere Noble-Metal-Free Photocatalyst for Efficient Visible-Light-Driven Photocatalytic Hydrogen Production. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 20190-20201.	6.7	98
72	Novel core-shell multi-dimensional hybrid nanoarchitectures consisting of Co(OH) <sub>2</sub> nanoparticles/Ni <sub>3</sub> S <sub>2</sub> nanosheets grown on SiC nanowire networks for high-performance asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2019, 357, 21-32.	12.7	70

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73	Explosive thermal exfoliation of intercalated graphitic carbon nitride for enhanced photocatalytic degradation properties. <i>Ceramics International</i> , 2019, 45, 3643-3647.	4.8	18
74	A glassy carbon electrode modified with graphene oxide, poly(3,4-ethylenedioxythiophene), an antifouling peptide and an aptamer for ultrasensitive detection of adenosine triphosphate. <i>Mikrochimica Acta</i> , 2019, 186, 90.	5.0	14
75	Preparation and electromagnetic wave absorption performance of Fe <sub>3</sub> Si/SiC@SiO <sub>2</sub> nanocomposites. <i>Chemical Engineering Journal</i> , 2019, 362, 619-627.	12.7	119
76	Fast Removal of Methylene Blue by Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles and Their Cycling Property. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2116-2123.	0.9	18
77	Network-like holey NiCo <sub>2</sub> O <sub>4</sub> nanosheet arrays on Ni foam synthesized by electrodeposition for high-performance supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 635-644.	2.5	15
78	Ultralong SiC/SiO <sub>2</sub> Nanowires: Simple Gram-Scale Production and Their Effective Blue-Violet Photoluminescence and Microwave Absorption Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 3596-3603.	6.7	56
79	Excellent high temperature field emission behavior with an ultra-low turn-on field and reliable current emission stability from SiC@SiO <sub>2</sub> @graphene nanoarray emitters. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2678-2683.	5.5	8
80	A High-Energy Density Asymmetric Supercapacitor Based on Fe <sub>2</sub> O <sub>3</sub> Nanoneedle Arrays and NiCo <sub>2</sub> O <sub>4</sub> /Ni(OH) <sub>2</sub> Hybrid Nanosheet Arrays Grown on SiC Nanowire Networks as Free-Standing Advanced Electrodes. <i>Advanced Energy Materials</i> , 2018, 8, 1702787.	19.5	331
81	One step synthesis of Co/Cr-codoped ZnO nanoparticle with superb adsorption properties for various anionic organic pollutants and its regeneration. <i>Journal of Hazardous Materials</i> , 2018, 352, 204-214.	12.4	81
82	Electrospinning synthesis of porous Bi <sub>12</sub> TiO <sub>20</sub> /Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> composite nanofibers and their photocatalytic property under simulated sunlight. <i>Journal of Materials Science</i> , 2018, 53, 14328-14336.	3.7	17
83	Al-Doped SiC nanowires wrapped by the nanowire network: excellent field emission property and robust stability at high current density. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6565-6574.	5.5	23
84	Ten-gram scale SiC@SiO <sub>2</sub> nanowires: high-yield synthesis towards industrialization, in situ growth mechanism and their peculiar photoluminescence and electromagnetic wave absorption properties. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 3948-3954.	2.8	18
85	Large-scale template-free synthesis of N-doped graphene nanotubes and N-doped SiO <sub>2</sub> -coated graphene nanotubes: Growth mechanism and field-emission property. <i>Journal of Alloys and Compounds</i> , 2017, 706, 147-155.	5.5	26
86	A microporous yttrium metal-organic framework of an unusual nia topology for high adsorption selectivity of C <sub>2</sub> H <sub>2</sub> and CO <sub>2</sub> over CH <sub>4</sub> at room temperature. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1982-1988.	5.9	35
87	A controllable honeycomb-like amorphous cobalt sulfide architecture directly grown on the reduced graphene oxide-poly(3,4-ethylenedioxythiophene) composite through electrodeposition for non-enzyme glucose sensing. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8934-8943.	5.8	19
88	SiO <sub>2</sub> /ZnO Composite Hollow Sub-Micron Fibers: Fabrication from Facile Single Capillary Electrospinning and Their Photoluminescence Properties. <i>Nanomaterials</i> , 2017, 7, 53.	4.1	14
89	The m-SiCNW/FKM nanocomposites: fabrication, characterization and properties. <i>RSC Advances</i> , 2016, 6, 35633-35640.	3.6	15
90	Direct Growth of Ultrathin NiCo <sub>2</sub> O <sub>4</sub> /NiO Nanosheets on SiC Nanowires as a Free-Standing Advanced Electrode for High-Performance Asymmetric Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 3598-3608.	6.7	103

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91	A Novel and Simple Method for the Synthesis of $\beta$ -SiC/SiO <sub>2</sub> Coaxial Nanocables in a Large Area: Polycarbosilane Pyrolysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 2861-2865.	0.9	4
92	A glassy carbon electrode modified with a composite consisting of reduced graphene oxide, zinc oxide and silver nanoparticles in a chitosan matrix for studying the direct electron transfer of glucose oxidase and for enzymatic sensing of glucose. <i>Mikrochimica Acta</i> , 2016, 183, 1625-1632.	5.0	50
93	Amorphous carbon coating for improving the field emission performance of SiC nanowire cores. <i>Journal of Materials Chemistry C</i> , 2015, 3, 658-663.	5.5	41
94	Ag/g-C <sub>3</sub> N <sub>4</sub> composite nanosheets: Synthesis and enhanced visible photocatalytic activities. <i>Materials Letters</i> , 2015, 145, 167-170.	2.6	70
95	Super-hydrophobic surfaces of SiO <sub>2</sub> -coated SiC nanowires: Fabrication, mechanism and ultraviolet-durable super-hydrophobicity. <i>Journal of Colloid and Interface Science</i> , 2015, 444, 33-37.	9.4	32
96	Mechanically exfoliated g-C <sub>3</sub> N <sub>4</sub> thin nanosheets by ball milling as high performance photocatalysts. <i>RSC Advances</i> , 2015, 5, 56239-56243.	3.6	54
97	Nitrogen content and morphology dependent field emission properties of nitrogen-doped SiC nanowires and density functional calculations. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 28658-28665.	2.8	13
98	Binding mechanism of nine N-phenylpiperazine derivatives and $\beta$ -adrenoceptor using site-directed molecular docking and high performance affinity chromatography. <i>RSC Advances</i> , 2015, 5, 57050-57057.	3.6	6
99	Direct electrochemistry of cholesterol oxidase immobilized on chitosan-graphene and cholesterol sensing. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 505-511.	7.8	86
100	ZnO/Ag micro/nanospheres with enhanced photocatalytic and antibacterial properties synthesized by a novel continuous synthesis method. <i>RSC Advances</i> , 2015, 5, 612-620.	3.6	62
101	Facile synthesis of novel one-dimensional hierarchical SiC@SiO <sub>2</sub> @c-C nanostructures and their field emission properties. <i>RSC Advances</i> , 2014, 4, 55224-55228.	3.6	9
102	Improving field emission properties of SiC nanowires treated by H <sub>2</sub> and N <sub>2</sub> plasma. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 1550-1554.	1.8	6
103	SiC nanowires with thickness-controlled SiO <sub>2</sub> shells: Fabrication, mechanism, reaction kinetics and photoluminescence properties. <i>Nano Research</i> , 2014, 7, 462-472.	10.4	64
104	Synthesis, growth mechanism and elastic properties of SiC@SiO <sub>2</sub> coaxial nanospring. <i>RSC Advances</i> , 2014, 4, 45095-45099.	3.6	6
105	Synthesis and field emission properties of silicon carbide nanobelts with a median ridge. <i>CrystEngComm</i> , 2012, 14, 6755.	2.6	27
106	Sunlight responsive photocatalysts: AgBr/ZnO hybrid nanomaterial. <i>Science China Chemistry</i> , 2012, 55, 2128-2133.	8.2	15
107	Large-scale Synthesis of $\beta$ -SiC Nanochains and Their Raman/Photoluminescence Properties. <i>Nanoscale Research Letters</i> , 2011, 6, 34.	5.7	21
108	Synthesis and mechanism of single-crystalline $\beta$ -SiC nanowire arrays on a 6H-SiC substrate. <i>CrystEngComm</i> , 2011, 13, 4097.	2.6	28

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109	The Synthesis and Structure of 2-Amino-4,6-dimethylpyrimidine 2-Hydroxybenzoate. Journal of Chemical Crystallography, 2011, 41, 481-484.	1.1	2
110	Structural investigation of tungsten oxide nanowires by X-ray diffraction and transmission electron microscopy. Powder Diffraction, 2010, 25, S22-S24.	0.2	2
111	Morphology-dependent field emission characteristics of SiC nanowires. Applied Physics Letters, 2010, 97, 263117.	3.3	30
112	Large-Scale Synthesis and Raman and Photoluminescence Properties of Single Crystalline $\beta$ -SiC Nanowires Periodically Wrapped by Amorphous $\text{SiO}_2$ Nanospheres 2. Journal of Physical Chemistry C, 2009, 113, 91-96.	3.1	75
113	Shift trend and step changes for runoff time series in the Shiyang River basin, northwest China. Hydrological Processes, 2008, 22, 4639-4646.	2.6	69
114	Synthesis and Raman scattering of $\beta$ -SiC/SiO <sub>2</sub> core-shell nanowires. Journal of Crystal Growth, 2007, 308, 263-268.	1.5	66
115	Large-Area Highly-Oriented SiC Nanowire Arrays: Synthesis, Raman, and Photoluminescence Properties. Journal of Physical Chemistry B, 2006, 110, 22382-22386.	2.6	111