

# Zhenjiang Li

## List of Publications by Year in descending order

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115  
papers

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101543  
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docs citations

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times ranked

4509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging 2D MXenes for supercapacitors: status, challenges and prospects. <i>Chemical Society Reviews</i> , 2020, 49, 6666-6693.	38.1	466
2	Interfacial chemical bond and internal electric field modulated Z-scheme $\text{Sv-ZnIn}_2\text{S}_4/\text{MoSe}_2$ photocatalyst for efficient hydrogen evolution. <i>Nature Communications</i> , 2021, 12, 4112.	12.8	421
3	A High-Energy Density Asymmetric Supercapacitor Based on $\text{Fe}_2\text{O}_3$ Nanoneedle Arrays and $\text{NiCo}_2\text{O}_4/\text{Ni(OH)}_2$ Hybrid Nanosheet Arrays Grown on SiC Nanowire Networks as Free-Standing Advanced Electrodes. <i>Advanced Energy Materials</i> , 2018, 8, 1702787.	19.5	331
4	Synthesis and enhanced electromagnetic wave absorption performances of $\text{Fe}_3\text{O}_4/\text{C}$ decorated walnut shell-derived porous carbon. <i>Carbon</i> , 2020, 167, 148-159.	10.3	177
5	Multi-Sites Electrocatalysis in High-Entropy Alloys. <i>Advanced Functional Materials</i> , 2021, 31, 2106715.	14.9	128
6	Preparation and electromagnetic wave absorption performance of $\text{Fe}_3\text{Si}/\text{SiC}/\text{SiO}_2$ nanocomposites. <i>Chemical Engineering Journal</i> , 2019, 362, 619-627.	12.7	119
7	Large-Area Highly-Oriented SiC Nanowire Arrays: Synthesis, Raman, and Photoluminescence Properties. <i>Journal of Physical Chemistry B</i> , 2006, 110, 22382-22386.	2.6	111
8	Direct Growth of Ultrathin $\text{NiCo}_2\text{O}_4/\text{NiO}$ 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
9	CoNi Bimetal Cocatalyst Modifying a Hierarchical $\text{ZnIn}_2\text{S}_4$ 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
10	High-energy ball-milling constructing P-doped g- $\text{C}_3\text{N}_4/\text{MoP}$ heterojunction with Mo N bond bridged interface and Schottky barrier for enhanced photocatalytic $\text{H}_2$ evolution. <i>Applied Catalysis B: Environmental</i> , 2022, 303, 120933.	20.2	93
11	Oxygen-vacancy $\text{Bi}_2\text{O}_3$ nanosheet arrays with excellent rate capability and $\text{CoNi}_2\text{S}_4$ 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
12	Current Design Strategies for Rechargeable Magnesium-Based Batteries. <i>ACS Nano</i> , 2021, 15, 15594-15624.	14.6	89
13	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
14	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
15	Large-Scale Synthesis and Raman and Photoluminescence Properties of Single Crystalline $\text{I}^2\text{-SiC}$ Nanowires Periodically Wrapped by Amorphous $\text{SiO}_2$ Nanospheres 2. <i>Journal of Physical Chemistry C</i> , 2009, 113, 91-96.	3.1	75
16	Interlayer engineering of $\text{Ti}_3\text{C}_2\text{T}_x$ MXenes towards high capacitance supercapacitors. <i>Nanoscale</i> , 2020, 12, 763-771.	5.6	73
17	$\text{Ag/g-C}_3\text{N}_4$ composite nanosheets: Synthesis and enhanced visible photocatalytic activities. <i>Materials Letters</i> , 2015, 145, 167-170.	2.6	70
18	Novel core-shell multi-dimensional hybrid nanoarchitectures consisting of $\text{Co(OH)}_2$ nanoparticles/ $\text{Ni}_3\text{S}_2$ 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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19	Shift trend and step changes for runoff time series in the Shiyang River basin, northwest China. <i>Hydrological Processes</i> , 2008, 22, 4639-4646.	2.6	69
20	Synthesis and Raman scattering of $\text{SiC}/\text{SiO}_2$ core-shell nanowires. <i>Journal of Crystal Growth</i> , 2007, 308, 263-268.	1.5	66
21	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
22	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
23	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
24	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
25	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
26	One-step synthesis of flower-like $\text{Bi}_2\text{O}_3/\text{Bi}_2\text{Se}_3$ nanoarchitectures and $\text{NiCoSe}_2/\text{Ni}_{0.85}\text{Se}$ 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
27	The Semicoherent Interface and Vacancy Engineering for Constructing $\text{Ni}(\text{Co})\text{Se}_2/\text{Co}(\text{Ni})\text{Se}_2$ Heterojunction as Ultrahigh-Rate Battery-Type Supercapacitor Cathode. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	57
28	Ultralong $\text{SiC}/\text{SiO}_2$ 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
29	Designable synthesis of reduced graphene oxide modified using $\text{CoFe}_2\text{O}_4$ 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
30	Mechanically exfoliated $\text{g-C}_3\text{N}_4$ thin nanosheets by ball milling as high performance photocatalysts. <i>RSC Advances</i> , 2015, 5, 56239-56243.	3.6	54
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	Controllable oxygen vacancies and morphology engineering: Ultra-high HER/OER activity under baseâ€‘acid conditions and outstanding antibacterial properties. <i>Journal of Energy Chemistry</i> , 2022, 71, 639-651.	12.9	36
43	A microporous yttrium metalâ€‘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
44	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
45	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
46	Morphology-dependent field emission characteristics of SiC nanowires. <i>Applied Physics Letters</i> , 2010, 97, 263117.	3.3	30
47	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
48	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
49	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
50	Synthesis and mechanism of single-crystalline <sup>12</sup> -SiC nanowire arrays on a 6H-SiC substrate. <i>CrystEngComm</i> , 2011, 13, 4097.	2.6	28
51	Synthesis and field emission properties of silicon carbide nanobelts with a median ridge. <i>CrystEngComm</i> , 2012, 14, 6755.	2.6	27
52	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
53	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
54	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

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55	Epitaxial Electrocrystallization of Magnesium <i>via</i> Synergy of Magnesiophilic Interface, Lattice Matching, and Electrostatic Confinement. ACS Nano, 2022, 16, 9894-9907.	14.6	26
56	Al-Doped SiC nanowires wrapped by the nanowire network: excellent field emission property and robust stability at high current density. Journal of Materials Chemistry C, 2018, 6, 6565-6574.	5.5	23
57	Dual-strategy of hetero-engineering and cation doping to boost energy-saving hydrogen production via hydrazine-assisted seawater electrolysis. Science China Materials, 2022, 65, 1539-1549.	6.3	22
58	Large-scale Synthesis of $\text{I}^2\text{-SiC}$ Nanochains and Their Raman/Photoluminescence Properties. Nanoscale Research Letters, 2011, 6, 34.	5.7	21
59	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. Materials Characterization, 2021, 172, 110819.	4.4	20
60	Synergy Strategy of Electrical Conductivity Enhancement and Vacancy Introduction for Improving the Performance of VS <sub>4</sub> Magnesium-Ion Battery Cathode. ACS Applied Materials & Interfaces, 2021, 13, 54005-54017.	8.0	20
61	Rapid and large-scale synthesis of ultra-small immiscible alloy supported catalysts. Applied Catalysis B: Environmental, 2022, 304, 120916.	20.2	20
62	Insight into the coordinating mechanism of multi-electron reaction and structural stability induced by K <sup>+</sup> pre-intercalation for magnesium ions batteries. Nano Energy, 2022, 93, 106838.	16.0	20
63	Strategy of cation/anion co-doping for potential elevating of VS <sub>4</sub> cathode for magnesium ion batteries. Chemical Engineering Journal, 2022, 439, 135778.	12.7	20
64	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. Journal of Materials Chemistry B, 2017, 5, 8934-8943.	5.8	19
65	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. ACS Applied Materials & Interfaces, 2022, 14, 3363-3373.	8.0	19
66	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. Small, 2022, 18, e2105168.	10.0	19
67	Selenium vacancies enable efficient immobilization and bidirectional conversion acceleration of lithium polysulfides for advanced Li-S batteries. Nano Research, 2022, 15, 7234-7246.	10.4	19
68	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. Physical Chemistry Chemical Physics, 2017, 19, 3948-3954.	2.8	18
69	Explosive thermal exfoliation of intercalated graphitic carbon nitride for enhanced photocatalytic degradation properties. Ceramics International, 2019, 45, 3643-3647.	4.8	18
70	Fast Removal of Methylene Blue by Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles and Their Cycling Property. Journal of Nanoscience and Nanotechnology, 2019, 19, 2116-2123.	0.9	18
71	Self-assembly of functionalized Echinops-like Rh porous nanostructure electrocatalysts for highly efficient seawater splitting. Journal of Materials Chemistry C, 2021, 9, 8314-8322.	5.5	18
72	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. Journal of Materials Science, 2018, 53, 14328-14336.	3.7	17

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73	Intercalation-deintercalation design in MXenes for high-performance supercapacitors. Nano Research, 2022, 15, 3213-3221.	10.4	17
74	Scalable and energy-efficient synthesis of Co <sub>x</sub> P for overall water splitting in alkaline media by high energy ball milling. Sustainable Energy and Fuels, 2020, 4, 1723-1729.	4.9	16
75	Mechanistic Insights into the Intercalation and Interfacial Chemistry of Mesocarbon Microbeads Anode for Potassium Ion Batteries. Small, 2021, 17, e2103557.	10.0	16
76	Ru, B Co-doped hollow structured iron phosphide as highly efficient electrocatalyst toward hydrogen generation in wide pH range. Journal of Materials Chemistry A, 2022, 10, 15155-15160.	10.3	16
77	Sunlight responsive photocatalysts: AgBr/ZnO hybrid nanomaterial. Science China Chemistry, 2012, 55, 2128-2133.	8.2	15
78	The m-SiCNW/FKM nanocomposites: fabrication, characterization and properties. RSC Advances, 2016, 6, 35633-35640.	3.6	15
79	Network-like holey NiCo <sub>2</sub> O <sub>4</sub> nanosheet arrays on Ni foam synthesized by electrodeposition for high-performance supercapacitors. Journal of Solid State Electrochemistry, 2019, 23, 635-644.	2.5	15
80	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. Journal of Materials Chemistry A, 2021, 9, 20794-20806.	10.3	15
81	Constructing stable charge redistribution through strong metal-support interaction for overall water splitting in acidic solution. Journal of Materials Chemistry A, 2022, 10, 13241-13246.	10.3	15
82	SiO <sub>2</sub> /ZnO Composite Hollow Sub-Micron Fibers: Fabrication from Facile Single Capillary Electrospinning and Their Photoluminescence Properties. Nanomaterials, 2017, 7, 53.	4.1	14
83	A glassy carbon electrode modified with graphene oxide, poly(3,4-ethylenedioxythiophene), an antifouling peptide and an aptamer for ultrasensitive detection of adenosine triphosphate. Mikrochimica Acta, 2019, 186, 90.	5.0	14
84	Coupling of Na <sup>+</sup> -Doped Mesoporous Carbon and Na <sub>2</sub> Ti <sub>3</sub> C <sub>2</sub> in 2D Sandwiched Heterostructure for Enhanced Oxygen Electroreduction. Small, 2022, 18, e2106581.	10.0	14
85	Nitrogen content and morphology dependent field emission properties of nitrogen-doped SiC nanowires and density functional calculations. Physical Chemistry Chemical Physics, 2015, 17, 28658-28665.	2.8	13
86	Effect of heat preservation time on the micro morphology and field emission properties of La-doped SiC nanowires. CrystEngComm, 2019, 21, 3993-4000.	2.6	13
87	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. Journal of Alloys and Compounds, 2022, 897, 163175.	5.5	13
88	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. Science China Technological Sciences, 2020, 63, 675-685.	4.0	12
89	Ag/ZrO <sub>2</sub> /MWCNT Nanocomposite as Non-Platinum Electrocatalysts for Enhanced Oxygen Reduction Reaction. ChemCatChem, 2019, 11, 2900-2908.	3.7	11
90	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. Journal of Alloys and Compounds, 2020, 829, 154411.	5.5	11



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91	Reinforced concrete inspired Si/rGO/cPAN hybrid electrode: highly improved lithium storage <i>via</i> Si electrode nanoarchitecture engineering. <i>Nanoscale</i> , 2022, 14, 6488-6496.	5.6	11
92	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
93	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
94	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
95	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
96	Interfacial engineering boosting charge extraction for efficient photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2022, 450, 138015.	12.7	9
97	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
98	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
99	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
100	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
101	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
102	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
103	Engineering ultrahigh-specific-capacity $\beta$ -Fe <sub>2</sub> O <sub>3</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
104	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
105	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
106	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
107	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
108	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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109	Structural investigation of tungsten oxide nanowires by X-ray diffraction and transmission electron microscopy. Powder Diffraction, 2010, 25, S22-S24.	0.2	2
110	The Synthesis and Structure of 2-Amino-4,6-dimethylpyrimidine 2-Hydroxybenzoate. Journal of Chemical Crystallography, 2011, 41, 481-484.	1.1	2
111	Large scale N-doped GNTs@ $\alpha$ -SiO <sub>2</sub> NPs: template-free one-step synthesis, and field emission and photoluminescence properties. Journal of Materials Chemistry C, 2019, 7, 3756-3764.	5.5	2
112	Improve field emission properties of SiC nanowires by doping rare earth cerium under different methane ventilation rate. Materials Chemistry and Physics, 2022, 277, 125631.	4.0	2
113	Superfast tellurizing synthesis of unconventional phase-controlled small Pd-Te nanoparticles. Science China Materials, 2022, 65, 1853-1860.	6.3	2
114	Designing porous and stable Au-coated Ni nanosheets on Ni foam for quasi-symmetrical polymer Li-air batteries. Materials Chemistry Frontiers, 2022, 6, 352-359.	5.9	1
115	Porous Nanofibers Formed by Heterogeneous Growth of ZnO/Ag Particles and the Enhanced Photocatalysis. Journal of Nanoscience and Nanotechnology, 2019, 19, 7163-7168.	0.9	0