

Lin Guo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

157
papers

7,734
citations

50
h-index

83
g-index

168
ext. papers

9,756
ext. citations

12.1
avg, IF

6.61
L-index

#	Paper	IF	Citations
157	Multiscale engineered artificial tooth enamel.. <i>Science</i> , 2022 , 375, 551-556	33.3	19
156	Three-dimensional porous aerogel assembly from ultrathin rGO@SnO ₂ nanosheets for advanced lithium-ion batteries. <i>Composites Part B: Engineering</i> , 2022 , 231, 109591	10	3
155	Amorphous ZrO ₂ layer conformally grown with zeolite for advanced photocatalytic degradation. <i>Materials Letters</i> , 2022 , 311, 131589	3.3	0
154	Structure and Oxygen Evolution Activity of γ -NiOOH: Where Are the Protons?. <i>ACS Catalysis</i> , 2022 , 12, 295-304	13.1	2
153	Strong and Tough TPU Fibers with Orientedly Aligned CNTs Reinforced by Amorphous ZrO ₂ . <i>Chemical Research in Chinese Universities</i> , 2022 , 38, 763-768	2.2	
152	Valence oscillation and dynamic active sites in monolayer NiCo hydroxides for water oxidation. <i>Nature Catalysis</i> , 2021 , 4, 1050-1058	36.5	46
151	Enhanced Surface-Enhanced Raman Scattering Activity of MoS ₂ /Ag-Reduced Graphene Oxide: Structure-Mediated Excitonic Transition. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 23259-23266	3.8	1
150	Sulfurized Polyacrylonitrile as a High-Performance and Low-Volume Change Anode for Robust Potassium Storage. <i>ACS Nano</i> , 2021 ,	16.7	2
149	Applications of Amorphous Nanomaterials in Electrocatalysis 2021 , 223-268		
148	Synthesis of 2D Amorphous Nanomaterials 2021 , 137-161		
147	Cobalt Nanoparticle-Decorated LDH/ZIF-Derived Porous Nanoplatelets for Fischer-Tropsch Synthesis. <i>ACS Applied Nano Materials</i> , 2021 , 4, 3734-3741	5.6	0
146	Synthesis of 3D Amorphous Nanomaterials 2021 , 163-187		
145	Local Structure and Electronic State of Amorphous Nanomaterials 2021 , 23-59		
144	Synthesis of 1D Amorphous Nanomaterials 2021 , 111-135		
143	Amorphous carbon-based materials as platform for advanced high-performance anodes in lithium secondary batteries. <i>Nano Research</i> , 2021 , 14, 2053	10	10
142	Defect-free potassium manganese hexacyanoferrate cathode material for high-performance potassium-ion batteries. <i>Nature Communications</i> , 2021 , 12, 2167	17.4	46
141	Amorphous Domains in Black Titanium Dioxide. <i>Advanced Materials</i> , 2021 , 33, e2100407	24	14

140	A Polymorphic FeS Cathode Enabled by Copper Current Collector Induced Displacement Redox Mechanism. <i>ACS Nano</i> , 2021 ,	16.7	2
139	Charge Transfer in 4-Mercaptobenzoic Acid-Stabilized Au Nanorod@Cu ₂ O Nanostructures: Implications for Photocatalysis and Photoelectric Devices. <i>ACS Applied Nano Materials</i> , 2021 , 4, 381-388	5.6	3
138	Activating Metal Oxides Nanocatalysts for Electrocatalytic Water Oxidation by Quenching-Induced Near-Surface Metal Atom Functionality. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14169-14177	16.4	25
137	Wet Chemical Synthesis of Amorphous Nanomaterials with Well-Defined Morphologies. <i>Accounts of Materials Research</i> , 2021 , 2, 804-815	7.5	2
136	Subnano-FeOx Clusters Anchored in an Ultrathin Amorphous Al ₂ O ₃ Nanosheet for Styrene Epoxidation. <i>ACS Catalysis</i> , 2021 , 11, 11542-11550	13.1	4
135	An Amorphous Peri-Implant Ligament with Combined Osteointegration and Energy-Dissipation. <i>Advanced Materials</i> , 2021 , 33, e2103727	24	3
134	In situ self-reconstruction inducing amorphous species: A key to electrocatalysis. <i>Matter</i> , 2021 , 4, 2850-2873	27.3	17
133	Potassium iodide as a low-cost cathode material for efficient potassium-ion storage. <i>Energy Storage Materials</i> , 2021 , 41, 798-804	19.4	1
132	Confined Synthesis of Ultrathin Amorphous Metal-Oxide Nanosheets		9
131	A Nonflammable Electrolyte Enabled High Performance K _{0.5} MnO ₂ Cathode for Low-Cost Potassium-Ion Batteries. <i>ACS Energy Letters</i> , 2020 , 5, 1916-1922	20.1	33
130	Two-Dimensional Metal-Containing Nanomaterials for Battery Anode Applications. <i>ChemElectroChem</i> , 2020 , 7, 3193-3210	4.3	1
129	Fischer-Tropsch Synthesis: Cobalt Nanoparticle-Embedded Nanocage Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 12352-12359	3.9	9
128	Hierarchically structured diamond composite with exceptional toughness. <i>Nature</i> , 2020 , 582, 370-374	50.4	59
127	Balancing Dielectric Loss and Magnetic Loss in Fe-NiS/NiS/PVDF Composites toward Strong Microwave Reflection Loss. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 14416-14424	9.5	80
126	Facile fabrication of CuS/Carbon composites using lignosulfonate for efficient palladium recovery under strong acidic conditions. <i>Journal of Hazardous Materials</i> , 2020 , 391, 122253	12.8	8
125	Increased O 2p State Density Enabling Significant Photoinduced Charge Transfer for Surface-Enhanced Raman Scattering of Amorphous Zn(OH). <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 1859-1866	6.4	15
124	Enamel Repair with Amorphous Ceramics. <i>Advanced Materials</i> , 2020 , 32, e1907067	24	11
123	Enhanced Multiple Anchoring and Catalytic Conversion of Polysulfides by Amorphous MoS ₂ Nanoboxes for High-Performance Li-S Batteries. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13071-13078	16.4	93

122	Tellurium: A High-Volumetric-Capacity Potassium-Ion Battery Electrode Material. <i>Advanced Materials</i> , 2020 , 32, e1908027	24	37
121	Enhanced Multiple Anchoring and Catalytic Conversion of Polysulfides by Amorphous MoS ₃ Nanoboxes for High-Performance Li-S Batteries. <i>Angewandte Chemie</i> , 2020 , 132, 13171-13178	3.6	4
120	Structure Design Reveals the Role of Au for ORR Catalytic Performance Optimization in PtCo-Based Catalysts. <i>Advanced Functional Materials</i> , 2020 , 30, 2001575	15.6	20
119	SERS Activity of Semiconductors: Crystalline and Amorphous Nanomaterials. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4231-4239	16.4	77
118	A Biotemplating Route for the Synthesis of Hierarchical Fe ₃ O ₄ with Highly Dispersed Carbon as Electron-Transfer Channel. <i>ChemPlusChem</i> , 2020 , 85, 258-263	2.8	3
117	Construction of MnO ₂ Artificial Leaf with Atomic Thickness as Highly Stable Battery Anodes. <i>Advanced Materials</i> , 2020 , 32, e1906582	24	32
116	SERS Activity of Semiconductors: Crystalline and Amorphous Nanomaterials. <i>Angewandte Chemie</i> , 2020 , 132, 4259-4267	3.6	12
115	Function integrated chitosan-based beads with throughout sorption sites and inherent diffusion network for efficient phosphate removal. <i>Carbohydrate Polymers</i> , 2020 , 230, 115639	10.3	27
114	Realizing Few-Layer Iodine for High-Rate Sodium-Ion Batteries. <i>Advanced Materials</i> , 2020 , 32, e2004835	24	17
113	Low temperature-boosted high efficiency photo-induced charge transfer for remarkable SERS activity of ZnO nanosheets. <i>Chemical Science</i> , 2020 , 11, 9414-9420	9.4	22
112	Achieving delafossite analog by in situ electrochemical self-reconstruction as an oxygen-evolving catalyst. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 21906-21913	11.5	31
111	N/P-codoped 3D carbonaceous framework loaded Mo-based particles as versatile electromagnetic wave absorber. <i>Journal of Alloys and Compounds</i> , 2020 , 812, 152167	5.7	8
110	Electrolyte Chemistry Enables Simultaneous Stabilization of Potassium Metal and Alloying Anode for Potassium-Ion Batteries. <i>Angewandte Chemie</i> , 2019 , 131, 16603-16607	3.6	18
109	Dopamine-derived cavities/FeO nanoparticles-encapsulated carbonaceous composites with self-generated three-dimensional network structure as an excellent microwave absorber.. <i>RSC Advances</i> , 2019 , 9, 766-780	3.7	17
108	Dual-Phase Super-Strong and Elastic Ceramic. <i>ACS Nano</i> , 2019 , 13, 4191-4198	16.7	17
107	Creating ultrathin amorphous metal hydroxide and oxide nanosheet libraries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 4383-4388	13	17
106	Amorphous Nanocages of Cu-Ni-Fe Hydr(oxy)oxide Prepared by Photocorrosion For Highly Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4189-4194	16.4	106
105	Amorphous Nanocages of Cu-Ni-Fe Hydr(oxy)oxide Prepared by Photocorrosion For Highly Efficient Oxygen Evolution. <i>Angewandte Chemie</i> , 2019 , 131, 4233-4238	3.6	27

104	Performance enhanced electromagnetic wave absorber from controllable modification of natural plant fiber.. <i>RSC Advances</i> , 2019 , 9, 16690-16700	3.7	15
103	Morphological and structural engineering in amorphous Cu ₂ MoS ₄ nanocages for remarkable electrocatalytic hydrogen evolution. <i>Science China Materials</i> , 2019 , 62, 1275-1284	7.1	10
102	Inherent N-Doped Honeycomb-like Carbon/Fe ₃ O ₄ Composites with Versatility for Efficient Microwave Absorption and Wastewater Treatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 9237-9248	8.3	55
101	Amorphous AgS Micro-rods-Enhanced Fluorescence on Liquid Crystals: Cation- π Interaction-Triggered Aggregation-Induced Emission Effect. <i>IScience</i> , 2019 , 15, 119-126	6.1	9
100	Two-Dimensional Amorphous TiO Nanosheets Enabling High-Efficiency Photoinduced Charge Transfer for Excellent SERS Activity. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5856-5862	16.4	148
99	Two-dimensional amorphous nanomaterials: synthesis and applications. <i>2D Materials</i> , 2019 , 6, 032002	5.9	40
98	Molten-NaNH ₂ activated carbon cloth with high areal capacitance and exceptional rate stability for flexible asymmetric supercapacitors. <i>Journal of Materials Science</i> , 2019 , 54, 9111-9123	4.3	14
97	Amorphous Mn O Nanocages with High-Efficiency Charge Transfer for Enhancing Electro-Optic Properties of Liquid Crystals. <i>Small</i> , 2019 , 15, e1805475	11	6
96	Underliquid Superlyophobic Copper-Coated Meshes for the Separation of Immiscible Organic Liquid Mixtures. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 28370-28376	9.5	20
95	Facile fabrication of SBA-15/polypyrrole composites with long-rod shape for enhanced electromagnetic wave absorption. <i>Microporous and Mesoporous Materials</i> , 2019 , 288, 109584	5.3	11
94	Tunable Subradiant Mode in Free-Standing Metallic Nanohole Arrays for High-Performance Plasmofluidic Sensing. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 25394-25401	3.8	8
93	Electrolyte Chemistry Enables Simultaneous Stabilization of Potassium Metal and Alloying Anode for Potassium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16451-16455	16.4	97
92	Constructing Stacked Structure of S-Doped Carbon Layer-Encapsulated MoO ₂ NPs with Dominated Dielectric Loss for Microwave Absorption. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 19546-19555	8.3	20
91	Welfare System as Part of the Economic Measures for the State of Crisis 2019 , 44, 25-32		
90	Emergency Evacuation Route Choice Based on Improved Ant Colony Algorithm 2019 , 44, 33-40		2
89	Nacre-inspired composites with different macroscopic dimensions: strategies for improved mechanical performance and applications. <i>NPG Asia Materials</i> , 2018 , 10, 1-22	10.3	93
88	A densely packed SbO nanosheet-graphene aerogel toward advanced sodium-ion batteries. <i>Nanoscale</i> , 2018 , 10, 9108-9114	7.7	40
87	Ultrathin amorphous cobalt/nanadium hydr(oxy)oxide catalysts for the oxygen evolution reaction. <i>Energy and Environmental Science</i> , 2018 , 11, 1736-1741	35.4	211

86	Tetrasub-like Fe ₂ O ₃ /C nanoarrays on carbon cloth as negative electrode for high-performance asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2018 , 341, 102-111	14.7	66
85	Flexible Micro-Supercapacitors Based on Naturally Derived Juglone. <i>ChemPlusChem</i> , 2018 , 83, 423-430	2.8	5
84	Bioinspired Interfacial Chelating-like Reinforcement Strategy toward Mechanically Enhanced Lamellar Materials. <i>ACS Nano</i> , 2018 , 12, 4269-4279	16.7	24
83	The Flexibility of an Amorphous Cobalt Hydroxide Nanomaterial Promotes the Electrocatalysis of Oxygen Evolution Reaction. <i>Small</i> , 2018 , 14, e1703514	11	85
82	Au Catalyzed Carbon Diffusion in Ni: A Case of Lattice Compatibility Stabilized Metastable Intermediates. <i>Advanced Functional Materials</i> , 2018 , 28, 1706434	15.6	8
81	Composition-adjustable Ag-Au substitutional alloy microcages enabling tunable plasmon resonance for ultrasensitive SERS. <i>Chemical Science</i> , 2018 , 9, 4009-4015	9.4	53
80	Investigation of the Prussian Blue Analog Co [Co(CN) ₆] as an Anode Material for Nonaqueous Potassium-Ion Batteries. <i>Advanced Materials</i> , 2018 , 30, e1802510	24	117
79	Facet-dependent electro-optical properties of cholesteric liquid crystals doped with Cu ₂ O nanocrystals. <i>Nano Research</i> , 2018 , 11, 4836-4845	10	9
78	Tunable High-Performance Microwave Absorption of Co _{1-x} S Hollow Spheres Constructed by Nanosheets within Ultralow Filler Loading. <i>Advanced Functional Materials</i> , 2018 , 28, 1800761	15.6	255
77	Direct Experimental Observation of Facet-Dependent SERS of Cu ₂ O Polyhedra. <i>Small</i> , 2018 , 14, 1703274	11	79
76	Surface-Enhanced Raman Spectroscopy on Amorphous Semiconducting Rhodium Sulfide Microbowl Substrates. <i>IScience</i> , 2018 , 10, 1-10	6.1	34
75	Bioinspired LDH-Based Hierarchical Structural Hybrid Materials with Adjustable Mechanical Performance. <i>Advanced Functional Materials</i> , 2018 , 28, 1801614	15.6	9
74	Temperature-Induced Stacking to Create Cu ₂ O Concave Sphere for Light Trapping Capable of Ultrasensitive Single-Particle Surface-Enhanced Raman Scattering. <i>Advanced Functional Materials</i> , 2018 , 28, 1801868	15.6	34
73	rGO-stabilized MnO/N-doped carbon nanofibers for efficient removal of Pb(II) ion and catalytic degradation of methylene blue. <i>Journal of Materials Science</i> , 2017 , 52, 5117-5132	4.3	20
72	Organic Solar Cells Based on WO ₃ Nanowire Anode Buffer Layer with Enhanced Power Conversion Efficiency and Ambient Stability. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 12629-12636	9.5	26
71	A General Bioinspired, Metals-Based Synergic Cross-Linking Strategy toward Mechanically Enhanced Materials. <i>ACS Nano</i> , 2017 , 11, 2835-2845	16.7	33
70	In Situ Observation of Twin Boundary Sliding in Single Crystalline Cu Nanowires. <i>Small</i> , 2017 , 13, 1604296	11	14
69	MOF-derived magnetic porous carbon-based sorbent: Synthesis, characterization, and adsorption behavior of organic micropollutants. <i>Advanced Powder Technology</i> , 2017 , 28, 1769-1779	4.6	61

68	Effects of morphology and concentration of CuS nanoparticles on alignment and electro-optic properties of nematic liquid crystal. <i>Nano Research</i> , 2017 , 10, 618-625	10	29
67	Dye Wastewater Cleanup by Graphene Composite Paper for Tailorable Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 21298-21306	9.5	37
66	A Generalized Strategy for the Synthesis of Large-Size Ultrathin Two-Dimensional Metal Oxide Nanosheets. <i>Angewandte Chemie</i> , 2017 , 129, 8892-8896	3.6	17
65	A Generalized Strategy for the Synthesis of Large-Size Ultrathin Two-Dimensional Metal Oxide Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8766-8770	16.4	91
64	Sub-1 nm Nanowire Based Superlattice Showing High Strength and Low Modulus. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8579-8585	16.4	28
63	Pseudocapacitive-dye-molecule-based high-performance flexible supercapacitors. <i>Nanoscale</i> , 2017 , 9, 9879-9885	7.7	13
62	Fabrication of Hierarchical Porous Metal-Organic Framework Electrode for Aqueous Asymmetric Supercapacitor. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 4144-4153	8.3	74
61	N-Doped hierarchical porous carbon from waste boat-fruited sterculia seed for high performance supercapacitors. <i>RSC Advances</i> , 2017 , 7, 16678-16687	3.7	39
60	Renewable-emodin-based wearable supercapacitors. <i>Nanoscale</i> , 2017 , 9, 1423-1427	7.7	14
59	Nature-Inspired Electrochemical Energy-Storage Materials and Devices. <i>Advanced Energy Materials</i> , 2017 , 7, 1601709	21.8	91
58	Adsorption Behaviors of Organic Micropollutants on Zirconium Metal-Organic Framework UiO-66: Analysis of Surface Interactions. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 41043-41054	9.5	188
57	Heterogeneous Fenton-like catalysis of Fe-MOF derived magnetic carbon nanocomposites for degradation of 4-nitrophenol. <i>RSC Advances</i> , 2017 , 7, 49024-49030	3.7	57
56	Nacre-Inspired Structural Composites: Performance-Enhancement Strategy and Perspective. <i>Advanced Materials</i> , 2017 , 29, 1702903	24	39
55	Smart Electrochemical Energy Storage Devices with Self-Protection and Self-Adaptation Abilities. <i>Advanced Materials</i> , 2017 , 29, 1703040	24	57
54	Smart candle soot coated membranes for on-demand immiscible oil/water mixture and emulsion switchable separation. <i>Nanoscale</i> , 2017 , 9, 13610-13617	7.7	112
53	Molecular Engineering of Conjugated Polymers for Biocompatible Organic Nanoparticles with Highly Efficient Photoacoustic and Photothermal Performance in Cancer Theranostics. <i>ACS Nano</i> , 2017 , 11, 10124-10134	16.7	140
52	Activated biochar derived from pomelo peel as a high-capacity sorbent for removal of carbamazepine from aqueous solution. <i>RSC Advances</i> , 2017 , 7, 54969-54979	3.7	38
51	Remarkable SERS Activity Observed from Amorphous ZnO Nanocages. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9851-9855	16.4	163

50	Remarkable SERS Activity Observed from Amorphous ZnO Nanocages. <i>Angewandte Chemie</i> , 2017 , 129, 9983-9987	3.6	33
49	Binary synergistic enhancement of dielectric and microwave absorption properties: A composite of arm symmetrical PbS dendrites and polyvinylidene fluoride. <i>Nano Research</i> , 2017 , 10, 284-294	10	133
48	Ultrasensitive SERS Detection by Defect Engineering on Single Cu O Superstructure Particle. <i>Advanced Materials</i> , 2017 , 29, 1604797	24	223
47	High-Yield Synthesis of Hollow Octahedral Silver Nanocages with Controllable Pack Density and Their High-Performance Sers Application. <i>Small</i> , 2016 , 12, 5442-5448	11	33
46	Enhanced photocatalytic properties of ZnFe ₂ O ₄ -doped ZnIn ₂ S ₄ heterostructure under visible light irradiation. <i>RSC Advances</i> , 2016 , 6, 83012-83019	3.7	19
45	3D nest-shaped SbO/RGO composite based high-performance lithium-ion batteries. <i>Nanoscale</i> , 2016 , 8, 17131-17135	7.7	37
44	Renewable-Biomolecule-Based Full Lithium-Ion Batteries. <i>Advanced Materials</i> , 2016 , 28, 3486-92	24	121
43	Nitrogen-Doped Foam-like Carbon Plate Consisting of Carbon Tubes as High-Performance Electrode Materials for Supercapacitors. <i>ChemElectroChem</i> , 2016 , 3, 814-821	4.3	25
42	Cloning Nacre@3D Interlocking Skeleton in Engineering Composites to Achieve Exceptional Mechanical Properties. <i>Advanced Materials</i> , 2016 , 28, 5099-105	24	79
41	Transition-Metal-Free Biomolecule-Based Flexible Asymmetric Supercapacitors. <i>Small</i> , 2016 , 12, 4683-9	11	37
40	Flexible Integrated Electrical Cables Based on Biocomposites for Synchronous Energy Transmission and Storage. <i>Advanced Functional Materials</i> , 2016 , 26, 3472-3479	15.6	63
39	Circularly Polarized Luminescence and a Reflective Photoluminescent Chiral Nematic Liquid Crystal Display Based on an Aggregation-Induced Emission Luminogen. <i>Advanced Optical Materials</i> , 2016 , 4, 534-539	8.1	95
38	Study of the Mechanical Behavior of Radially Grown Fivefold Twinned Nanowires on the Atomic Scale. <i>Small</i> , 2016 , 12, 3503-9	11	12
37	Ternary Artificial Nacre Reinforced by Ultrathin Amorphous Alumina with Exceptional Mechanical Properties. <i>Advanced Materials</i> , 2016 , 28, 2037-42	24	77
36	Strong and Tough Layered Nanocomposites with Buried Interfaces. <i>ACS Nano</i> , 2016 , 10, 4816-27	16.7	49
35	Ca Enhanced Nacre-Inspired Montmorillonite-Alginate Film with Superior Mechanical, Transparent, Fire Retardancy, and Shape Memory Properties. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 28816-28823	9.5	63
34	Binary Synergy Strengthening and Toughening of Bio-Inspired Nacre-like Graphene Oxide/Sodium Alginate Composite Paper. <i>ACS Nano</i> , 2015 , 9, 8165-75	16.7	128
33	Facet-dependent NiS ₂ polyhedrons on counter electrodes for dye-sensitized solar cells. <i>Chemical Communications</i> , 2015 , 51, 12863-6	5.8	81

32	Highly monodispersed ZnO nanorods: preparation and optical properties. <i>Journal of Experimental Nanoscience</i> , 2015 , 10, 682-689	1.9	1
31	Renewable-juglone-based high-performance sodium-ion batteries. <i>Advanced Materials</i> , 2015 , 27, 2348-544		181
30	Light-Emitting Liquid Crystal Displays Based on an Aggregation-Induced Emission Luminogen. <i>Advanced Optical Materials</i> , 2015 , 3, 199-202	8.1	87
29	Facet-Controlled Synthetic Strategy of CuO-Based Crystals for Catalysis and Sensing. <i>Advanced Science</i> , 2015 , 2, 1500140	13.6	110
28	A flexible, sandwiched high-performance super-insulation fabric. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 13198-13202	13	9
27	Efficient Electrocatalytic Water Oxidation by Using Amorphous Ni ₂ O Double Hydroxides Nanocages. <i>Advanced Energy Materials</i> , 2015 , 5, 1401880	21.8	243
26	Tailoring the shape of amorphous nanomaterials: recent developments and applications. <i>Science China Materials</i> , 2015 , 58, 44-59	7.1	42
25	Preparation of Hierarchical Ni@CuS Composites and the Application of the Enhanced Catalysis for 4-Nitrophenol Reduction. <i>Wuli Huaxue Xuebao/Acta Physico - Chimica Sinica</i> , 2015 , 31, 1949-1955	3.8	4
24	Recrystallization-induced self-assembly for the growth of Cu ₂ O superstructures. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11514-8	16.4	34
23	Bioinspired design and assembly of layered double hydroxide/poly(vinyl alcohol) film with high mechanical performance. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 15154-61	9.5	49
22	Bioinspired Nacre-like Heparin/Layered Double Hydroxide Film with Superior Mechanical, Fire-Shielding, and UV-Blocking Properties. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 3820-3826	3.9	30
21	Precursor-directed self-assembly of porous ZnO nanosheets as high-performance surface-enhanced Raman scattering substrate. <i>Small</i> , 2014 , 10, 48-51	11	75
20	Direct observation of p,p'-dimercaptoazobenzene produced from p-aminothiophenol and p-nitrothiophenol on Cu ₂ O nanoparticles by surface-enhanced Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2014 , 45, 7-14	2.3	20
19	Observing reduction of 4-nitrobenzenethiol on gold nanoparticles in situ using surface-enhanced Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 14196-201	3.6	42
18	Surface-enhanced Raman scattering spectra of adsorbates on Cu ₂ O nanospheres: charge-transfer and electromagnetic enhancement. <i>Nanoscale</i> , 2013 , 5, 2784-9	7.7	132
17	Enhanced wave absorption of nanocomposites based on the synthesized complex symmetrical CuS nanostructure and poly(vinylidene fluoride). <i>Journal of Materials Chemistry A</i> , 2013 , 1, 4685	13	235
16	Pearson's principle inspired generalized strategy for the fabrication of metal hydroxide and oxide nanocages. <i>Journal of the American Chemical Society</i> , 2013 , 135, 16082-91	16.4	232
15	CuCl-intermediated construction of short-range-ordered Cu ₂ O mesoporous spheres with excellent adsorption performance. <i>Journal of Materials Chemistry</i> , 2012 , 22, 856-861		57

14	Layer by layer assembly of heparin/layered double hydroxide completely renewable ultrathin films with enhanced strength and blood compatibility. <i>Journal of Materials Chemistry</i> , 2012 , 22, 21667		33
13	Highly reproducible surface-enhanced Raman spectra on semiconductor SnO ₂ octahedral nanoparticles. <i>ChemPhysChem</i> , 2012 , 13, 3932-6	3.2	44
12	Alignment of liquid crystals doped with nickel nanoparticles containing different morphologies. <i>Advanced Materials</i> , 2011 , 23, 5779-84	24	47
11	Synthesis of nickel bowl-like nanoparticles and their doping for inducing planar alignment of a nematic liquid crystal. <i>Journal of the American Chemical Society</i> , 2011 , 133, 8389-91	16.4	55
10	Competition of the antiferromagnetic superexchange with the ferromagnetic double exchange in dicobalt complexes. <i>Applied Physics Letters</i> , 2010 , 97, 182509	3.4	5
9	Synthesis and Structural Determination of Two Types of Novel Cyclic Carbonates. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009 , 39, 445-448		2
8	Quantitative study of interior nanostructure in hollow zinc oxide particles on the basis of nondestructive x-ray nanotomography. <i>Applied Physics Letters</i> , 2009 , 95, 053108	3.4	20
7	Delicate control of crystallographic facet-oriented Cu ₂ O nanocrystals and the correlated adsorption ability. <i>Journal of Materials Chemistry</i> , 2009 , 19, 5220		343
6	Fabrication of radial ZnO nanowire clusters and radial ZnO/PVDF composites with enhanced dielectric properties. <i>Advanced Functional Materials</i> , 2008 , 18, 2584-2592	15.6	119
5	Scalable synthesis of A ₂ S ₃ (A=Sb, Bi) submicro/nanowires using their powders via solvothermal proceeding. <i>Science Bulletin</i> , 2006 , 51, 655-660		4
4	Large-scale synthesis of uniform nanotubes of a nickel complex by a solution chemical route. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4530-1	16.4	60
3	Synthesis and evolution of rod-like nano-scaled ZnC ₂ O ₄ ·2H ₂ O whiskers to ZnO nanoparticles. <i>Journal of Materials Chemistry</i> , 2003 , 13, 754-757		47
2	Dynamical investigation of tunable magnetism in Au@Ni-carbide nanocrystals by a combined soft and hard X-ray absorption spectroscopy. <i>Nano Research</i> , 1	10	
1	Smart design of high-performance surface-enhanced Raman scattering substrates. <i>SmartMat</i> ,	22.8	1