

# Jiu-Rong Liu

## 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.

123  
papers

4,805  
citations

39  
h-index

65  
g-index

128  
ext. papers

6,113  
ext. citations

7.3  
avg, IF

5.93  
L-index

#	Paper	IF	Citations
123	Facile preparation of C/MnO/Co nanocomposite fibers for High-Performance microwave absorption. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2022</b> , 155, 106814	8.4	3
122	p-Ni <sub>0.9</sub> Zn <sub>0.1</sub> O/n-ZnO Nanosheets Heterostructured Composite Fiber as High-Performance H <sub>2</sub> S Detection Platform. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 359, 131560	8.5	
121	Porous and Ultra-Flexible Crosslinked MXene/Polyimide Composites for Multifunctional Electromagnetic Interference Shielding.. <i>Nano-Micro Letters</i> , <b>2022</b> , 14, 59	19.5	15
120	Enhanced ppb-level formaldehyde sensing performance over Pt deposited SnO <sub>2</sub> nanospheres. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 899, 163230	5.7	4
119	H <sub>2</sub> S sensing material Pt-WO <sub>3</sub> nanorods with excellent comprehensive performance. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 900, 163398	5.7	3
118	Construction of Ni-Zn bimetal sulfides Heterostructured-hybrids for High-performance electromagnetic wave absorption. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 606, 1410-1420	9.3	2
117	Metal sulfides based composites as promising efficient microwave absorption materials: A review. <i>Journal of Materials Science and Technology</i> , <b>2022</b> , 104, 244-268	9.1	10
116	Facile manufacturing of Ni/MnO nanoparticle embedded carbon nanocomposite fibers for electromagnetic wave absorption. <i>Composites Part B: Engineering</i> , <b>2022</b> , 235, 109800	10	5
115	Synergistic photodynamic/photothermal bacterial inactivation over heterogeneous quaternized chitosan/silver/cobalt phosphide nanocomposites.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 616, 304-315	9.3	4
114	MnCo-MOF-74 derived porous MnO/Co/C heterogeneous nanocomposites for high-efficiency electromagnetic wave absorption. <i>Carbon</i> , <b>2022</b> , 194, 257-266	10.4	2
113	One-dimensional MnO@N-doped carbon nanotubes as robust dielectric loss electromagnetic wave absorbers. <i>Chemical Engineering Journal</i> , <b>2021</b> , 410, 128295	14.7	16
112	Flower-like Hydroxyfluoride-Sensing Platform toward NO Detection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 26278-26287	9.5	7
111	Carbon-Based MOF Derivatives: Emerging Efficient Electromagnetic Wave Absorption Agents. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 135	19.5	43
110	CuNi alloy/ carbon foam nanohybrids as high-performance electromagnetic wave absorbers. <i>Carbon</i> , <b>2021</b> , 172, 488-496	10.4	37
109	Novel ternary Co <sub>3</sub> O <sub>4</sub> /CeO <sub>2</sub> /CNTs composites for high-performance broadband electromagnetic wave absorption. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 864, 158141	5.7	10
108	Constructing 1T/2H MoS nanosheets/3D carbon foam for high-performance electromagnetic wave absorption. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 586, 613-620	9.3	23
107	Synthesis of MOF-derived Fe <sub>7</sub> S <sub>8</sub> /C rod-like composites by controlled proportion of carbon for highly efficient electromagnetic wave absorption. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2021</b> , 142, 106246	8.4	14

106	Non-Magnetic Bimetallic MOF-Derived Porous Carbon-Wrapped TiO/ZrTiO Composites for Efficient Electromagnetic Wave Absorption. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 75	19.5	51
105	Bifunctional Cu <sub>9</sub> S <sub>5</sub> /C octahedral composites for electromagnetic wave absorption and supercapacitor applications. <i>Chemical Engineering Journal</i> , <b>2021</b> , 417, 129350	14.7	10
104	Self-supported construction of three-dimensional NiCo <sub>2</sub> O <sub>4</sub> hierarchical nanoneedles for high-performance microwave absorption. <i>Ceramics International</i> , <b>2021</b> ,	5.1	1
103	High-performance microwave absorption of MOF-derived CoO@N-doped carbon anchored on carbon foam. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 602, 197-206	9.3	7
102	Flakes-assembled porous ZnO/Ni hybrid nanotubes for efficient electromagnetic absorption. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 881, 160575	5.7	2
101	Shining light on transition metal sulfides: New choices as highly efficient antibacterial agents. <i>Nano Research</i> , <b>2021</b> , 14, 1-23	10	15
100	High-permittivity Sb <sub>2</sub> S <sub>3</sub> single-crystal nanorods as a brand-new choice for electromagnetic wave absorption. <i>Science China Materials</i> , <b>2021</b> , 64, 1733-1741	7.1	7
99	Single-Molecule Detection of Acetylcholine by Translating the Neuronal Signal to a Single Distinct Electronic Peak.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 6888-6896	4.1	3
98	Polypyrrole-coated FeO nanotubes constructed from nanoneedles as high-performance anodes for aqueous asymmetric supercapacitors. <i>Dalton Transactions</i> , <b>2020</b> , 49, 9701-9709	4.3	11
97	Mesoporous Fe-doped In <sub>2</sub> O <sub>3</sub> nanorods derived from metal organic frameworks for enhanced nitrogen dioxide detection at low temperature. <i>Ceramics International</i> , <b>2020</b> , 46, 20385-20394	5.1	12
96	Unraveling the promoted nitrogen dioxide detection performance of N-doped SnO <sub>2</sub> microspheres at low temperature. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 834, 155209	5.7	13
95	Creating oxygen vacancies on porous indium oxide nanospheres via metallic aluminum reduction for enhanced nitrogen dioxide detection at low temperature. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 303, 127221	8.5	29
94	Bimetal oxide-derived flower-like heterogeneous Co/MnO@C composites with synergistic magnetic dielectric attenuation for electromagnetic wave absorption. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 2451-2459	7.1	40
93	A MOF-derived ZrO <sub>2</sub> /C nanocomposite for efficient electromagnetic wave absorption. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 385-393	6.8	28
92	Tailoring electromagnetic absorption performances of TiO <sub>2</sub> /Co/carbon nanofibers through tuning graphitization degrees. <i>Ceramics International</i> , <b>2020</b> , 46, 4754-4761	5.1	15
91	Novel synthesis of MoO <sub>3</sub> /Mo <sub>4</sub> O <sub>11</sub> /MoO <sub>2</sub> heterogeneous nanobelts for wideband electromagnetic wave absorption. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 817, 153309	5.7	9
90	Facile fabrication of Ni embedded TiO <sub>2</sub> /C core-shell ternary nanofibers with multicomponent functional synergy for efficient electromagnetic wave absorption. <i>Composites Part B: Engineering</i> , <b>2020</b> , 200, 108343	10	31
89	State-of-the-art advancements in photo-assisted CO <sub>2</sub> hydrogenation: recent progress in catalyst development and reaction mechanisms. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 24868-24894	13	18

88	Recent advances and perspectives on constructing metal oxide semiconductor gas sensing materials for efficient formaldehyde detection. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 13169-13188	7.1	28
87	In situ transformation of ZIF-67 into hollow Co <sub>2</sub> V <sub>2</sub> O <sub>7</sub> nanocages on graphene as a high-performance cathode for aqueous asymmetric supercapacitors. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 3646-3656	6.8	4
86	Design and synthesis of TiO <sub>2</sub> /Co/carbon nanofibers with tunable and efficient electromagnetic absorption. <i>Chemical Engineering Journal</i> , <b>2020</b> , 380, 122591	14.7	120
85	MOF-derived hierarchical core-shell hollow iron-cobalt sulfides nanoarrays on Ni foam with enhanced electrochemical properties for high energy density asymmetric supercapacitors. <i>Electrochimica Acta</i> , <b>2019</b> , 323, 134826	6.7	109
84	High-Efficiency Electromagnetic Wave Absorption of Cobalt-Decorated NH-UIO-66-Derived Porous ZrO/C. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 35959-35968	9.5	82
83	Ultrathin high-performance electromagnetic wave absorbers with facilely fabricated hierarchical porous Co/C crabapples. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 1659-1669	7.1	148
82	Engineering the surface structure of porous indium oxide hexagonal nanotubes with antimony trioxide for highly-efficient nitrogen dioxide detection at low temperature. <i>Applied Surface Science</i> , <b>2019</b> , 484, 853-863	6.7	16
81	Boosting the electrochemical performance of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> through nitrogen-doped carbon coating. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4957	3.1	6
80	Sandwich-like NiCo layered double hydroxide/reduced graphene oxide nanocomposite cathodes for high energy density asymmetric supercapacitors. <i>Dalton Transactions</i> , <b>2019</b> , 48, 5193-5202	4.3	199
79	Porous Fe Hollow Structures with Optimized Impedance Matching as Highly Efficient, Ultrathin, and Lightweight Electromagnetic Wave Absorbers. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 6446-6455	3.9	9
78	Facile Synthesis of Three-Dimensional Porous Co/MnO Composites Derived from Bimetal Oxides for Highly Efficient Electromagnetic Wave Absorption. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 8687-8695	8.3	51
77	Recent Advances in MOF-based Nanocatalysts for Photo-Promoted CO <sub>2</sub> Reduction Applications. <i>Catalysts</i> , <b>2019</b> , 9, 658	4	18
76	Enhanced supercapacitive performance of the CoFe <sub>2</sub> O <sub>4</sub> /CoFe <sub>2</sub> S <sub>4</sub> composite nanoflake array induced by surface sulfidation. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 13491-13498	3.6	16
75	Controlled sulfidation towards achieving core-shell 1D-NiMoO <sub>4</sub> @ 2D-NiMoS <sub>4</sub> architecture for high-performance asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 804, 27-34	5.7	26
74	Optimizing the Supercapacitive Performance and Cyclability of Ni(OH) <sub>2</sub> by Combining with CuO Concomitant with Mutual Doping. <i>ChemElectroChem</i> , <b>2019</b> , 6, 4831-4841	4.3	4
73	Bimetallic MOF-derived porous CoNi/C nanocomposites with ultra-wide band microwave absorption properties. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 16546-16554	3.6	27
72	Achieving superior electromagnetic wave absorbers through the novel metal-organic frameworks derived magnetic porous carbon nanorods. <i>Carbon</i> , <b>2019</b> , 145, 433-444	10.4	281
71	Advanced Nanocomposite Electrodes for Lithium-Ion Batteries <b>2018</b> , 7-32		1

70	Aromatic Polyimide/Graphene Composite Organic Cathodes for Fast and Sustainable Lithium-Ion Batteries. <i>ChemSusChem</i> , <b>2018</b> , 11, 763-772	8.3	48
69	Bio-template synthesized NiO/C hollow microspheres with enhanced Li-ion battery electrochemical performance. <i>Electrochimica Acta</i> , <b>2018</b> , 261, 236-245	6.7	90
68	Strengthened electromagnetic absorption performance derived from synergistic effect of carbon nanotube hybrid with Co@C beads. <i>Advanced Composites and Hybrid Materials</i> , <b>2018</b> , 1, 149-159	8.7	70
67	Significantly enhanced energy density of magnetite/polypyrrole nanocomposite capacitors at high rates by low magnetic fields. <i>Advanced Composites and Hybrid Materials</i> , <b>2018</b> , 1, 127-134	8.7	59
66	High response and selectivity of platinum modified tin oxide porous spheres for nitrogen dioxide gas sensing at low temperature. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 257, 427-435	8.5	23
65	Enhanced Electromagnetic Wave Absorption of Three-Dimensional Porous Fe <sub>3</sub> O <sub>4</sub> /C Composite Flowers. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 12471-12480	8.3	217
64	An Overview of Electrically Conductive Polymer Nanocomposites toward Electromagnetic Interference Shielding. <i>Engineered Science</i> , <b>2018</b> ,	3.8	67
63	Fabricating a Mn <sub>3</sub> O <sub>4</sub> /Ni(OH) <sub>2</sub> Nanocomposite by Water-Boiling Treatment for Use in Asymmetric Supercapacitors as an Electrode Material. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 15688-15698	8.3	21
62	Self-Assembled ZnO/Co Hybrid Nanotubes Prepared by Electrospinning for Lightweight and High-Performance Electromagnetic Wave Absorption. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 5297-5306	5.6	52
61	Facile synthesis of rod-like manganese molybdate crystallines with two-dimensional nanoflakes for supercapacitor application. <i>Electrochimica Acta</i> , <b>2017</b> , 225, 605-613	6.7	32
60	High response to nitrogen dioxide derived from antimony peroxide modified tin oxide porous nanocomposites serving as gas sensing material. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 247, 216-223	8.5	15
59	Facile synthesis and superior ethyl acetate sensing performance of Au decorated ZnO flower-like architectures. <i>Ceramics International</i> , <b>2017</b> , 43, 5053-5060	5.1	20
58	Poly(vinylidene fluoride) derived fluorine-doped magnetic carbon nanoadsorbents for enhanced chromium removal. <i>Carbon</i> , <b>2017</b> , 115, 503-514	10.4	46
57	Synthesis of strontium hexaferrite nanoplates and the enhancement of their electrochemical performance by Zn <sup>2+</sup> doping for high-rate and long-life lithium-ion batteries. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 6427-6435	3.6	9
56	Fe <sub>3</sub> O <sub>4</sub> nanoparticles encapsulated in multi-walled carbon nanotubes possess superior lithium storage capability. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 6241-6250	3.6	24
55	Polythiophene coated aromatic polyimide enabled ultrafast and sustainable lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 24083-24090	13	22
54	One-pot melamine derived nitrogen doped magnetic carbon nanoadsorbents with enhanced chromium removal. <i>Carbon</i> , <b>2016</b> , 109, 640-649	10.4	104
53	Facile Synthesis of Porous Nickel/Carbon Composite Microspheres with Enhanced Electromagnetic Wave Absorption by Magnetic and Dielectric Losses. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 20258-66	9.5	155

52	Improved electromagnetic wave absorption of Co nanoparticles decorated carbon nanotubes derived from synergistic magnetic and dielectric losses. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 31542-31550	3.6	59
51	Carbon composite spun fibers with in situ formed multicomponent nanoparticles for a lithium-ion battery anode with enhanced performance. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 9881-9889	13	34
50	Enhancing Electrochemical Performances of TiO <sub>2</sub> Porous Microspheres through Hybridizing with FeTiO <sub>3</sub> and Nanocarbon. <i>Electrochimica Acta</i> , <b>2016</b> , 190, 556-565	6.7	42
49	Electropolymerized polypyrrole nanocomposites with cobalt oxide coated on carbon paper for electrochemical energy storage. <i>Polymer</i> , <b>2015</b> , 67, 192-199	3.9	78
48	Carbon coated manganese monoxide octahedron negative-electrode for lithium-ion batteries with enhanced performance. <i>RSC Advances</i> , <b>2015</b> , 5, 34566-34571	3.7	36
47	Porous ternary TiO <sub>2</sub> /MnTiO <sub>3</sub> @C hybrid microspheres as anode materials with enhanced electrochemical performances. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 23895-23904	13	45
46	Enhanced electrochemical performances of MoO <sub>2</sub> nanoparticles composited with carbon nanotubes for lithium-ion battery anodes. <i>RSC Advances</i> , <b>2015</b> , 5, 87286-87294	3.7	33
45	Enhanced electrochemical performance of barium hexaferrite nanoplates by Zn <sup>2+</sup> doping serving as anode materials. <i>RSC Advances</i> , <b>2015</b> , 5, 70749-70757	3.7	8
44	Electropolymerized polyaniline/manganese iron oxide hybrids with an enhanced color switching response and electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 20778-20790	13	52
43	Facile synthesis of porous Fe <sub>2</sub> TiO <sub>5</sub> microparticulates serving as anode material with enhanced electrochemical performances. <i>RSC Advances</i> , <b>2015</b> , 5, 103767-103775	3.7	26
42	Multi-walled carbon nanotubes composited with nanomagnetite for anodes in lithium ion batteries. <i>RSC Advances</i> , <b>2015</b> , 5, 7237-7244	3.7	34
41	Nanostructured Antimony/carbon Composite Fibers as Anode Material for Lithium-ion Battery. <i>Electrochimica Acta</i> , <b>2015</b> , 151, 214-221	6.7	82
40	Enhancing the reversible capacity and rate performance of anatase TiO <sub>2</sub> by combined coating and compositing with N-doped carbon. <i>Journal of Power Sources</i> , <b>2015</b> , 273, 472-478	8.9	27
39	Strengthened Magneto-resistive Epoxy Nanocomposite Papers Derived from Synergistic Nanomagnetite-Carbon Nanofiber Nanohybrids. <i>Advanced Materials</i> , <b>2015</b> , 27, 6277-82	24	65
38	Rechargeable Co <sub>3</sub> O <sub>4</sub> porous nanoflake carbon nanotube nanocomposite lithium-ion battery anodes with enhanced energy performances. <i>RSC Advances</i> , <b>2015</b> , 5, 46509-46516	3.7	20
37	Synthesis of Mesoporous SnO <sub>2</sub> Spheres and Application in Gas Sensors. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 863-869	2.3	41
36	Electromagnetic Field Absorbing Polypropylene Nanocomposites with Tuned Permittivity and Permeability by Nanoiron and Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 24784-24796	3.8	79
35	Carbon Coating and Zn <sup>2+</sup> Doping of Magnetite Nanorods for Enhanced Electrochemical Energy Storage. <i>Electrochimica Acta</i> , <b>2014</b> , 148, 118-126	6.7	28

34	Fabrication of porous MnO microspheres with carbon coating for lithium ion battery application. <i>CrystEngComm</i> , <b>2014</b> , 16, 1802	3.3	51
33	Carbon-coated MnO microparticulate porous nanocomposites serving as anode materials with enhanced electrochemical performances. <i>Nano Energy</i> , <b>2014</b> , 9, 41-49	17.1	131
32	Li-Ion Storage Performance of MnO Nanoparticles Coated with Nitrogen-Doped Carbon Derived from Different Carbon Sources. <i>Electrochimica Acta</i> , <b>2014</b> , 146, 249-256	6.7	40
31	Enhanced Electrochemical Performance of Zn-Doped Fe <sub>3</sub> O <sub>4</sub> with Carbon Coating. <i>Electrochimica Acta</i> , <b>2014</b> , 117, 230-238	6.7	38
30	Electrical transport and magnetoresistance in advanced polyaniline nanostructures and nanocomposites. <i>Polymer</i> , <b>2014</b> , 55, 4405-4419	3.9	71
29	Facile synthesis of MnO and nitrogen-doped carbon nanocomposites as anode material for lithium ion battery. <i>Materials Letters</i> , <b>2014</b> , 136, 289-291	3.3	30
28	Synthesis of Au decorated SnO <sub>2</sub> mesoporous spheres with enhanced gas sensing performance. <i>RSC Advances</i> , <b>2013</b> , 3, 19002	3.7	45
27	One-pot synthesis and gas sensing properties of ZnO mesoporous architectures. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 184, 85-92	8.5	32
26	Silica Doped Nanopolyaniline with Endured Electrochemical Energy Storage and the Magnetic Field Effects. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 13000-13010	3.8	62
25	Alpha-Fe <sub>2</sub> O <sub>3</sub> @ZnO heterostructured nanotubes for gas sensing. <i>Materials Letters</i> , <b>2012</b> , 76, 159-161	3.3	13
24	Template-free synthesis of Co nanoporous structures and their electromagnetic wave absorption properties. <i>Materials Letters</i> , <b>2012</b> , 78, 69-71	3.3	30
23	Preparation and characterization of silica/polypyrrole core-shell colloidal particles in the presence of ethanol as the cosolvent. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 3270-3274	2.9	9
22	Synthesis of nestlike ZnO hierarchically porous structures and analysis of their gas sensing properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 817-25	9.5	154
21	Synthesis and characterization of SnO <sub>2</sub> /polyaniline nanocomposites by sol-gel technique and microemulsion polymerization. <i>Synthetic Metals</i> , <b>2012</b> , 162, 2183-2187	3.6	29
20	Facile synthesis of hollow porous cobalt spheres and their enhanced electromagnetic properties. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 22160		117
19	Synthesis of hollow Fe <sub>3</sub> O <sub>4</sub> at ZnO at anatase TiO <sub>2</sub> core-shell structured spheres. <i>Ceramics International</i> , <b>2012</b> , 38, 6899-6902	5.1	12
18	Preparation of polyaniline coated polystyrene-poly(styrene-co-sodium 4-styrenesulfonate) microparticles and the further fabrication of hollow polyaniline microspheres. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 126, 870-876	2.9	7
17	Synthesis and characterization of polypyrrole/Au nanocomposites by microemulsion polymerization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 397, 8-11	5.1	20

16	Fabrication of monodispersed nickel flower-like architectures via a solvent-thermal process and analysis of their magnetic and electromagnetic properties. <i>Journal of Solid State Chemistry</i> , <b>2011</b> , 184, 2994-3001	3.3	13
15	Template free synthesis and electromagnetic wave absorption properties of monodispersed hollow magnetite nano-spheres. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 4314		147
14	Electromagnetic wave absorption properties of Fe <sub>3</sub> O <sub>4</sub> octahedral nanocrystallines in gigahertz range. <i>Applied Physics A: Materials Science and Processing</i> , <b>2011</b> , 105, 351-354	2.6	29
13	Fabrication of bulk macroporous zirconia by combining sol-gel with calcination processes. <i>Ceramics International</i> , <b>2011</b> , 37, 2549-2553	5.1	10
12	Rapid, Low-Temperature Synthesis of SiC Nanowires from Si and Graphite. <i>Journal of the American Ceramic Society</i> , <b>2010</b> , 93, 2415-2418	3.8	7
11	Fabrication of silica-supported ZrO <sub>2</sub> mesoporous fibers with high thermal stability by sol-gel method through a controlled hydrolysis-condensation process. <i>Microporous and Mesoporous Materials</i> , <b>2010</b> , 130, 189-196	5.3	21
10	Characteristics of HF-silicate thin films synthesized by plasma enhanced atomic layer deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2008</b> , 26, 1251-1257	2.9	7
9	Generation of oxide nanopatterns by combining self-assembly of S-layer proteins and area-selective atomic layer deposition. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 16908-13	16.4	43
8	Growth and properties of UV nonlinear optical crystal ZnCd(SCN) <sub>4</sub> . <i>Materials Research Bulletin</i> , <b>2003</b> , 38, 1269-1280	5.1	14
7	Growth and characterization of a novel UV nonlinear optical crystal: [MnHg(SCN) <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> ] <sub>2</sub> C <sub>4</sub> H <sub>9</sub> NO. <i>Journal of Crystal Growth</i> , <b>2002</b> , 234, 469-479	1.6	25
6	Preparation of zirconia xerogels and ceramics by sol-gel method and the analysis of their thermal behavior. <i>Thermochimica Acta</i> , <b>2001</b> , 376, 77-82	2.9	23
5	Crystal growth and physical properties of UV nonlinear optical crystal zinc cadmium thiocyanate, ZnCd(SCN) <sub>4</sub> . <i>Chemical Physics Letters</i> , <b>2001</b> , 346, 393-406	2.5	23
4	Strong luminescence of pure and yttria doped zirconia xerogels. <i>Journal of Materials Science Letters</i> , <b>2001</b> , 20, 1565-1567		9
3	Growth and properties of UV nonlinear optical crystal ZnCd(SCN) <sub>4</sub> . <i>Materials Research Bulletin</i> , <b>2001</b> , 36, 1287-1299	5.1	26
2	Platinum-Copper Bimetallic Nanoparticles Supported on TiO <sub>2</sub> as Catalysts for Photothermal Catalytic Toluene Combustion. <i>ACS Applied Nano Materials</i> ,	5.6	3
1	Nanocellulose-assisted preparation of electromagnetic interference shielding materials with diversified microstructure. <i>SmartMat</i> ,	22.8	2