

Ranbo Yu

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.

210 papers	9,289 citations	51 h-index	90 g-index
227 ext. papers	10,419 ext. citations	8.2 avg, IF	6.25 L-index

#	Paper	IF	Citations
210	Highly Efficient Photothermal Conversion and Water Transport during Solar Evaporation Enabled by Amorphous Hollow Multishelled Nanocomposites (Adv. Mater. 7/2022). <i>Advanced Materials</i> , 2022 , 34, 2270052	24	0
209	Semicrystalline SrTiO ₃ -Decorated Anatase TiO ₂ Nanopie as Heterostructure for Efficient Photocatalytic Hydrogen Evolution.. <i>Small Methods</i> , 2022 , e2101567	12.8	3
208	Decoding lithium batteries through advanced in situ characterization techniques. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2022 , 29, 965-989	3.1	2
207	Highly Efficient Photothermal Conversion and Water Transport during Solar Evaporation Enabled by Amorphous Hollow Multishelled Nanocomposites. <i>Advanced Materials</i> , 2021 , e2107400	24	16
206	Solar Water Splitting: Hollow Multishelled Structured SrTiO ₃ with La/Rh Co-Doping for Enhanced Photocatalytic Water Splitting under Visible Light (Small 22/2021). <i>Small</i> , 2021 , 17, 2170111	11	1
205	Boosting hydrogen evolution reaction on few-layer graphdiyne by sp-N and B co-doping. <i>APL Materials</i> , 2021 , 9, 071102	5.7	8
204	Core-shell nano/microstructures for heterogeneous tandem catalysis. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1126-1139	7.8	16
203	Design and Construction of 3D Porous Na ₃ V ₂ (PO ₄) ₃ /C as High Performance Cathode for Sodium Ion Batteries. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 265-273	2.2	8
202	Atomically Dispersed Ruthenium on Nickel Hydroxide Ultrathin Nanoribbons for Highly Efficient Hydrogen Evolution Reaction in Alkaline Media. <i>Advanced Materials</i> , 2021 , 33, e2104764	24	10
201	Hollow Multishelled Structured SrTiO ₃ with La/Rh Co-Doping for Enhanced Photocatalytic Water Splitting under Visible Light. <i>Small</i> , 2021 , 17, e2005345	11	16
200	Ti-MOF Derived N-Doped TiO ₂ Nanostructure as Visible-light-driven Photocatalyst. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 447-452	2.2	13
199	Dual-Defects Adjusted Crystal-Field Splitting of LaCo _{0.9} Ni _{0.1} O Hollow Multishelled Structures for Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19691-19695	16.4	37
198	Dual-Defects Adjusted Crystal-Field Splitting of LaCo _{0.9} Ni _{0.1} O ₃ Hollow Multishelled Structures for Efficient Oxygen Evolution. <i>Angewandte Chemie</i> , 2020 , 132, 19859-19863	3.6	4
197	A Hollow Multi-Shelled Structure for Charge Transport and Active Sites in Lithium-Ion Capacitors. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4865-4868	16.4	53
196	A Hollow Multi-Shelled Structure for Charge Transport and Active Sites in Lithium-Ion Capacitors. <i>Angewandte Chemie</i> , 2020 , 132, 4895-4898	3.6	21
195	Nanostructured BiVO ₄ Derived from Bi-MOF for Enhanced Visible-light Photodegradation. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 120-126	2.2	4
194	Efficient sequential harvesting of solar light by heterogeneous hollow shells with hierarchical pores. <i>National Science Review</i> , 2020 , 7, 1638-1646	10.8	36

193	Hollow Nanostructures for Surface/Interface Chemical Energy Storage Application. <i>Acta Chimica Sinica</i> , 2020 , 78, 1200	3.3	12
192	V O Textile Cathodes with High Capacity and Stability for Flexible Lithium-Ion Batteries. <i>Advanced Materials</i> , 2020 , 32, e1906205	24	68
191	Steering Hollow Multishelled Structures in Photocatalysis: Optimizing Surface and Mass Transport. <i>Advanced Materials</i> , 2020 , 32, e2002556	24	63
190	Unique structural advances of graphdiyne for energy applications. <i>EnergyChem</i> , 2020 , 2, 100041	36.9	21
189	Photocatalysts: Steering Hollow Multishelled Structures in Photocatalysis: Optimizing Surface and Mass Transport (Adv. Mater. 44/2020). <i>Advanced Materials</i> , 2020 , 32, 2070328	24	1
188	Hollow multishelled structural NiO as a shelter for high-performance LiB batteries. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2971-2975	7.8	5
187	A MOF-derived CuCo(O)@ carbon-nitrogen framework as an efficient synergistic catalyst for the hydrolysis of ammonia borane. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 2043-2049	6.8	16
186	Design of three-dimensional hierarchical TiO ₂ /SrTiO ₃ heterostructures towards selective CO ₂ photoreduction. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1667-1674	6.8	20
185	Lanthanide-Doped Photoluminescence Hollow Structures: Recent Advances and Applications. <i>Small</i> , 2019 , 15, e1804510	11	19
184	Hollow Multi-Shelled Structure with Metal-Organic-Framework-Derived Coatings for Enhanced Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5266-5271	16.4	67
183	Facile Synthesis of Fe-based MOFs(Fe-BTC) as Efficient Adsorbent for Water Purifications. <i>Chemical Research in Chinese Universities</i> , 2019 , 35, 564-569	2.2	11
182	Hollow multi-shelled structures for energy conversion and storage applications. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 2239-2259	6.8	20
181	Enhanced catalytic activity of Au-CeO ₂ /Al ₂ O ₃ monolith for low-temperature CO oxidation. <i>Catalysis Communications</i> , 2019 , 129, 105729	3.2	17
180	High Phase-Purity 1T-MoS Ultrathin Nanosheets by a Spatially Confined Template. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17621-17624	16.4	52
179	High Phase-Purity 1T-MoS ₂ Ultrathin Nanosheets by a Spatially Confined Template. <i>Angewandte Chemie</i> , 2019 , 131, 17785-17788	3.6	4
178	Hollow Multi-Shelled Structure with Metal-Organic-Framework-Derived Coatings for Enhanced Lithium Storage. <i>Angewandte Chemie</i> , 2019 , 131, 5320-5325	3.6	12
177	Triple-Shelled Manganese-Cobalt Oxide Hollow Dodecahedra with Highly Enhanced Performance for Rechargeable Alkaline Batteries. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 996-1001	16.4	76
176	Triple-Shelled Manganese-Cobalt Oxide Hollow Dodecahedra with Highly Enhanced Performance for Rechargeable Alkaline Batteries. <i>Angewandte Chemie</i> , 2019 , 131, 1008-1013	3.6	16

175	Hollow Multishelled Structure of Heterogeneous Co ₃ O ₄ @FeO ₂ Nanocomposite for CO Catalytic Oxidation. <i>Advanced Functional Materials</i> , 2019 , 29, 1806588	15.6	55
174	Hollow Multishelled Heterostructured Anatase/TiO ₂ (B) with Superior Rate Capability and Cycling Performance. <i>Advanced Materials</i> , 2019 , 31, e1805754	24	85
173	Constructing SrTiO ₃ -TiO ₂ Heterogeneous Hollow Multi-shelled Structures for Enhanced Solar Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1422-1426	16.4	139
172	Hollow Micro/Nanostructured Ceria-Based Materials: Synthetic Strategies and Versatile Applications. <i>Advanced Materials</i> , 2019 , 31, e1800592	24	45
171	Formation of multi-shelled nickel-based sulfide hollow spheres for rechargeable alkaline batteries. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 535-540	6.8	56
170	Controlled synthesis of silkworm cocoon-like Fe ₂ O ₃ and its adsorptive properties for organic dyes and Cr(VI). <i>Materials Research Bulletin</i> , 2018 , 100, 302-307	5.1	11
169	Facile one-pot synthesis of MOF supported gold pseudo-single-atom catalysts for hydrogenation reactions. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 1024-1030	7.8	32
168	Metallic Cobalt-Carbon Composite as Recyclable and Robust Magnetic Photocatalyst for Efficient CO Reduction. <i>Small</i> , 2018 , 14, e1800762	11	61
167	Giant polarization in super-tetragonal thin films through interphase strain. <i>Science</i> , 2018 , 361, 494-497	33.3	121
166	Structure and excellent visible light catalysis of Prussian blue analogues BiFe(CN) ₆ ·4H ₂ O. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 438-445	6.8	8
165	Construction of multi-shelled Bi ₂ WO ₆ hollow microspheres with enhanced visible light photo-catalytic performance. <i>Materials Research Bulletin</i> , 2018 , 99, 331-335	5.1	26
164	Construction of Multishelled Binary Metal Oxides via Coabsorption of Positive and Negative Ions as a Superior Cathode for Sodium-Ion Batteries. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17114-17119	16.4	65
163	Constructing SrTiO ₃ -TiO ₂ Heterogeneous Hollow Multi-shelled Structures for Enhanced Solar Water Splitting. <i>Angewandte Chemie</i> , 2018 , 131, 1436	3.6	5
162	Synthesis and photoluminescence properties of novel core-shell-shell SiO ₂ @CePO ₄ :Tb@SiO ₂ submicro-spheres. <i>CrystEngComm</i> , 2018 , 20, 6351-6357	3.3	9
161	Few-Layer Graphdiyne Nanosheets Applied for Multiplexed Real-Time DNA Detection. <i>Advanced Materials</i> , 2017 , 29, 1606755	24	153
160	Cobalt hollow nanospheres: controlled synthesis, modification and highly catalytic performance for hydrolysis of ammonia borane. <i>Science Bulletin</i> , 2017 , 62, 326-331	10.6	12
159	Controlled synthesis of highly active Au/CeO ₂ nanotubes for CO oxidation. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1629-1634	7.8	16
158	Highly active CeO ₂ hollow-shell spheres with Al doping. <i>Science China Materials</i> , 2017 , 60, 646-653	7.1	16

157	Multi-shelled hollow micro-/nanostructures: promising platforms for lithium-ion batteries. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 414-430	7.8	157
156	Composite Yttrium-Carbonaceous Spheres Templated Multi-Shell YVO Hollow Spheres with Superior Upconversion Photoluminescence. <i>Advanced Materials</i> , 2017 , 29, 1604377	24	39
155	Highly controlled synthesis of multi-shelled NiO hollow microspheres for enhanced lithium storage properties. <i>Materials Research Bulletin</i> , 2017 , 87, 224-229	5.1	69
154	Multi-shelled copper oxide hollow spheres and their gas sensing properties. <i>Materials Research Bulletin</i> , 2017 , 87, 214-218	5.1	13
153	Rechargeable Batteries: Formation of Septuple-Shelled (Co ₂ /3Mn ₁ /3)(Co ₅ /6Mn ₁ /6)2O ₄ Hollow Spheres as Electrode Material for Alkaline Rechargeable Battery (Adv. Mater. 34/2017). <i>Advanced Materials</i> , 2017 , 29,	24	10
152	Isotropic Zero Thermal Expansion and Local Vibrational Dynamics in (Sc,Fe)F. <i>Inorganic Chemistry</i> , 2017 , 56, 10840-10843	5.1	13
151	Formation of Septuple-Shelled (Co Mn)(Co Mn) O Hollow Spheres as Electrode Material for Alkaline Rechargeable Battery. <i>Advanced Materials</i> , 2017 , 29, 1700550	24	108
150	Heterostructured bismuth vanadate multi-shell hollow spheres with high visible-light-driven photocatalytic activity. <i>Materials Research Bulletin</i> , 2017 , 86, 44-50	5.1	40
149	Dually Ordered Porous TiO ₂ -rGO Composites with Controllable Light Absorption Properties for Efficient Solar Energy Conversion. <i>Advanced Materials</i> , 2017 , 29, 1604795	24	59
148	Multi-shelled metal oxides prepared via an anion-adsorption mechanism for lithium-ion batteries. <i>Nature Energy</i> , 2016 , 1,	62.3	304
147	Engineering of multi-shelled SnO ₂ hollow microspheres for highly stable lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 17673-17677	13	108
146	Bismuth oxychloride hollow microspheres with high visible light photocatalytic activity. <i>Nano Research</i> , 2016 , 9, 593-601	10	70
145	Multi-shelled LiMn ₂ O ₄ hollow microspheres as superior cathode materials for lithium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 365-369	6.8	75
144	Lattice distortion and orbital hybridization in NdFeO ₃ -PbTiO ₃ ferroelectric thin films. <i>Dalton Transactions</i> , 2016 , 45, 1554-9	4.3	15
143	Cu ₂ O clusters grown on TiO ₂ nanoplates as efficient photocatalysts for hydrogen generation. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 488-493	6.8	48
142	Controllable assembly of CeO ₂ micro/nanospheres with adjustable size and their application in Cr(VI) adsorption. <i>Materials Research Bulletin</i> , 2016 , 75, 110-114	5.1	13
141	Microstructure construction and composition modification of CeO ₂ macrospheres with superior performance. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 92-96	6.8	6
140	Controllable synthesis of mesostructures from TiO ₂ hollow to porous nanospheres with superior rate performance for lithium ion batteries. <i>Chemical Science</i> , 2016 , 7, 793-798	9.4	133

139	Multiple Au cores in CeO ₂ hollow spheres for the superior catalytic reduction of p-nitrophenol. <i>Chinese Journal of Catalysis</i> , 2015 , 36, 261-267	11.3	22
138	Multi-shelled hollow micro-/nanostructures. <i>Chemical Society Reviews</i> , 2015 , 44, 6749-73	58.5	540
137	Low temperature molten salt synthesis of perovskite-type ACeO ₃ (A = Sr, Ba) in eutectic NaCl-KCl. <i>Chemical Research in Chinese Universities</i> , 2015 , 31, 342-346	2.2	6
136	Synthesis and photocatalytic activity of hierarchical flower-like SrTiO ₃ nanostructure. <i>Science China Materials</i> , 2015 , 58, 192-197	7.1	26
135	Yb ³⁺ /Er ³⁺ Hollow Spheres with Controlled Inner Structures and Enhanced Upconverted Photoluminescence. <i>Small</i> , 2015 , 11, 2768-73	11	34
134	A New Graphdiyne Nanosheet/Pt Nanoparticle-Based Counter Electrode Material with Enhanced Catalytic Activity for Dye-Sensitized Solar Cells. <i>Advanced Energy Materials</i> , 2015 , 5, 1500296	21.8	149
133	Controlled synthesis and properties of porous Cu/CeO ₂ microspheres. <i>Materials Research Bulletin</i> , 2015 , 61, 22-25	5.1	7
132	Nd _{1-x} CaxFeO ₃ (x = 0, 0.3) Hollow Core-Shell Microspheres for Ethanol Gas Sensing. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5767-5772	2.3	3
131	Electrodes: A New Graphdiyne Nanosheet/Pt Nanoparticle-Based Counter Electrode Material with Enhanced Catalytic Activity for Dye-Sensitized Solar Cells (Adv. Energy Mater. 12/2015). <i>Advanced Energy Materials</i> , 2015 , 5, n/a-n/a	21.8	1
130	Enhanced photocatalytic hydrogen evolution efficiency using hollow microspheres of (Cu _{1-x}) ₂ Zn(2(1-x))S ₂ solid solutions. <i>Dalton Transactions</i> , 2015 , 44, 10991-6	4.3	7
129	Efficient water oxidation under visible light by tuning surface defects on ceria nanorods. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 20465-20470	13	65
128	Structure and thermal expansion of the tungsten bronze Pb _{1-x} Nb _x O ₃ . <i>Dalton Transactions</i> , 2014 , 43, 7037-43	4.3	24
127	Controlled synthesis of Y ₂ O ₃ nanoplates with improved performance. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	2
126	Multi-shelled CeO ₂ hollow microspheres as superior photocatalysts for water oxidation. <i>Nanoscale</i> , 2014 , 6, 4072-7	7.7	226
125	Quintuple-shelled SnO ₂ hollow microspheres with superior light scattering for high-performance dye-sensitized solar cells. <i>Advanced Materials</i> , 2014 , 26, 905-9	24	260
124	Rapid Molten Salt Synthesis of Isotropic Negative Thermal Expansion ScF ₃ . <i>Journal of the American Ceramic Society</i> , 2014 , 97, 1009-1011	3.8	16
123	Multishelled TiO ₂ hollow microspheres as anodes with superior reversible capacity for lithium ion batteries. <i>Nano Letters</i> , 2014 , 14, 6679-84	11.5	366
122	A general and rapid synthesis of metal sulphides hollow spheres that have properties enhanced by salt-assisted aerosol decomposition: a case of ZnS and other multicomponent solid solutions. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 8564-8568	7.1	8

121	Rapid synthesis, structure and photocatalysis of pure bismuth A-site perovskite of Bi(Mg ₃ /8Fe ₂ /8Ti ₃ /8)O ₃ . <i>Dalton Transactions</i> , 2014 , 43, 9255-9	4.3	5
120	Shape controllable synthesis of NdFeO ₃ micro single crystals by a hydrothermal route. <i>CrystEngComm</i> , 2014 , 16, 858-862	3.3	35
119	Hierarchical nanoscale multi-shell Au/CeO ₂ hollow spheres. <i>Chemical Science</i> , 2014 , 5, 4221-4226	9.4	100
118	Magnetic Ni and Ni/Pt hollow nanospheres and their catalytic activities for hydrolysis of ammonia borane. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18171-18176	13	29
117	Growth of hematite nanowire arrays during dense pentlandite oxidation. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 3008	13	14
116	Zero thermal expansion and ferromagnetism in cubic Sc(1-x)M(x)F ₃ (M = Ga, Fe) over a wide temperature range. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13566-9	16.4	119
115	The electrowinning of zinc from sodium hydroxide solutions. <i>Hydrometallurgy</i> , 2014 , 146, 59-63	4	15
114	A low-cost and large-scale synthesis of nano-zinc oxide from smithsonite. <i>Inorganic Chemistry Communication</i> , 2014 , 43, 138-141	3.1	4
113	N,N-dimethylformamide-induced synthesis and photoluminescence of CePO ₄ and Ce _{0.95} PO ₄ :Tb _{0.05} with sphere-like nanostructures. <i>Materials Letters</i> , 2014 , 124, 97-100	3.3	8
112	One step molten salt synthesis of YVO ₄ nanoparticles and their photocatalytic properties under UV/visible light. <i>Inorganic Chemistry Communication</i> , 2014 , 44, 79-82	3.1	7
111	Two-dimensional carbon leading to new photoconversion processes. <i>Chemical Society Reviews</i> , 2014 , 43, 4281-99	58.5	184
110	Fe ₂ O ₃ multi-shelled hollow microspheres for lithium ion battery anodes with superior capacity and charge retention. <i>Energy and Environmental Science</i> , 2014 , 7, 632-637	35.4	582
109	High piezoelectric performance and temperature dependence of ferroelectric and piezoelectric properties of Bi(Mg _{0.5} Zr _{0.5})O ₃ BbTiO ₃ near morphotropic phase boundary. <i>Ceramics International</i> , 2014 , 40, 7723-7728	5.1	9
108	pH-Regulated Synthesis of Multi-Shelled Manganese Oxide Hollow Microspheres as Supercapacitor Electrodes Using Carbonaceous Microspheres as Templates. <i>Advanced Science</i> , 2014 , 1, 1400011	13.6	145
107	Large-Scale Synthesis of Isotropic Single-Crystalline ScF ₃ Cubes by Hydrothermal Method. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 1386-1388	3.8	8
106	Phase evolution and photoluminescence enhancement of CePO ₄ nanowires from a low phosphate concentration system. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	5
105	Niobium pentoxide hollow nanospheres with enhanced visible light photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 11894	13	40
104	Precursor-induced fabrication of Bi ₂ O ₃ microspheres and their performance as visible-light-driven photocatalysts. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 9069	13	94

103	Large remanent polarization and small leakage in sol-gel derived Bi(Zn(1/2)Zr(1/2))O ₃ -PbTiO ₃ ferroelectric thin films. <i>Dalton Transactions</i> , 2013 , 42, 585-90	4.3	17
102	Unusual transformation from strong negative to positive thermal expansion in PbTiO ₃ -BiFeO ₃ perovskite. <i>Physical Review Letters</i> , 2013 , 110, 115901	7.4	85
101	Morphology evolution and physical properties of Bi ₂ Mn ₄ O ₁₀ synthesized by hydrothermal method. <i>Journal of Crystal Growth</i> , 2013 , 380, 1-4	1.6	3
100	Leaching of zinc from calcined smithsonite using sodium hydroxide. <i>Hydrometallurgy</i> , 2013 , 131-132, 89-92	4	19
99	Synthesis of CePO ₄ nano-wires with improved photoluminescent properties by co-crystallizing with nano-sized CeO ₂ . <i>Journal of Nanoscience and Nanotechnology</i> , 2013 , 13, 1498-502	1.3	4
98	Temperature-independent ferroelectric property and characterization of high-TC 0.2Bi(Mg _{1/2} Ti _{1/2})O ₃ -0.8PbTiO ₃ thin films. <i>Applied Physics Letters</i> , 2013 , 103, 082902	3.4	7
97	Effectively control negative thermal expansion of single-phase ferroelectrics of PbTiO ₃ -(Bi,Lu)FeO ₃ over a giant range. <i>Scientific Reports</i> , 2013 , 3, 2458	4.9	76
96	Large magnetostriction and structural characteristics of Fe ₈₃ Ga ₁₇ wires. <i>Physica B: Condensed Matter</i> , 2012 , 407, 1186-1190	2.8	9
95	Facile molten salt synthesis of ordered perovskite Ba(Sr _{1/3} Nb _{2/3})O ₃ powders. <i>Inorganic Chemistry Communication</i> , 2012 , 21, 92-95	3.1	4
94	Recrystallization behavior and magnetostriction under pre-compressive stress of Fe ₇₀ Ga ₃₀ B sheets. <i>Intermetallics</i> , 2012 , 26, 66-71	3.5	5
93	Morphology-tailored synthesis of flower-like Y ₂ O ₃ :Eu ³⁺ microspheres. <i>Materials Research Bulletin</i> , 2012 , 47, 2135-2139	5.1	2
92	A novel and highly efficient photocatalyst based on P25-graphdiyne nanocomposite. <i>Small</i> , 2012 , 8, 265-271	7.1	248
91	Hierarchical Hydroxyapatite Microspheres Composed of Nanorods and Their Competitive Sorption Behavior for Heavy Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2665-2668	2.3	10
90	Water-soluble monodispersed lanthanide oxide submicrospheres: PVP-assisted hydrothermal synthesis, size-control and luminescence properties. <i>ChemPhysChem</i> , 2012 , 13, 2610-4	3.2	9
89	Oxidation Behavior and Mechanism of Pentlandite at 973 K (700 °C) in Air. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2012 , 43, 494-502	2.5	11
88	Direct preparation of ferrite magnetic material from Jinchuan nickel sulfide concentrate by acid leaching. <i>International Journal of Materials Research</i> , 2012 , 103, 998-1003	0.5	2
87	Structure, piezoelectric, and ferroelectric properties of BaZrO ₃ substituted Bi(Mg _{1/2} Ti _{1/2})O ₃ -PbTiO ₃ perovskite. <i>Journal of Applied Physics</i> , 2012 , 111, 104118	2.5	19
86	Coprecipitation synthesis and negative thermal expansion of NbVO ₅ . <i>Dalton Transactions</i> , 2011 , 40, 3394-7	4.3	17

85	Facile solvothermal synthesis of gear-shaped submicrostructured Y ₂ O ₃ :Eu ³⁺ phosphor. <i>Solid State Sciences</i> , 2011 , 13, 1060-1064	3.4	13
84	Controlled synthesis of tetragonal terbium orthophosphate nanostructures through a solvothermal route. <i>Research on Chemical Intermediates</i> , 2011 , 37, 145-151	2.8	3
83	Hydrothermal Synthesis of Neodymium Orthophosphate with Controlled Structure and Morphology. <i>Advanced Materials Research</i> , 2011 , 399-401, 635-640	0.5	1
82	The role of spontaneous polarization in the negative thermal expansion of tetragonal PbTiO ₃ -based compounds. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11114-7	16.4	122
81	Phase transformation and negative thermal expansion in TaVO ₅ . <i>Inorganic Chemistry</i> , 2011 , 50, 2685-90	5.1	35
80	A Simple Oxidation Route to Prepare Pseudobrookite from Panzhihua Raw Ilmenite. <i>Journal of the American Ceramic Society</i> , 2010 , 93, 2968-2971	3.8	13
79	Phase evolution in low-dimensional niobium oxide synthesized by a topochemical method. <i>Inorganic Chemistry</i> , 2010 , 49, 1397-403	5.1	50
78	Preparation and crystal structure of [enH ₂] _{0.5} [Ho(HPO ₄)(SO ₄)(H ₂ O)] (en; ethylenediamine). <i>Journal of the Ceramic Society of Japan</i> , 2010 , 118, 236-240	1	
77	Oxalate-induced hydrothermal synthesis of CePO ₄ :Tb nanowires with enhanced photoluminescence. <i>Scripta Materialia</i> , 2010 , 62, 133-136	5.6	20
76	Fe ₂ TiO ₅ /Fe ₂ O ₃ nanocomposite hollow spheres with enhanced gas-sensing properties. <i>Scripta Materialia</i> , 2010 , 63, 155-158	5.6	38
75	Hydrothermal synthesis and structure of three novel open-framework lanthanide sulfate/oxalates. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 831-833	3.1	12
74	Molten salt synthesis and phase evolution of Ba(Cd _{1/3} Nb _{2/3})O ₃ . <i>International Journal of Materials Research</i> , 2009 , 100, 1552-1556	0.5	2
73	Neutron powder diffraction study and B-site ordering in microwave dielectric ceramics Ba(Ca _{1/3} Nb _{2/3})O ₃ . <i>Solid State Sciences</i> , 2009 , 11, 170-175	3.4	7
72	Morphology manipulation of Fe ₂ O ₃ in the mixed solvent system. <i>Solid State Sciences</i> , 2009 , 11, 2056-2059	3.4	24
71	Controlled Synthesis of Terbium Orthophosphate Spindle-Like Hierarchical Nanostructures with Improved Photoluminescence. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2388-2392	2.3	19
70	BiScO ₃ Doped (Na _{0.5} K _{0.5})NbO ₃ Lead-Free Piezoelectric Ceramics. <i>Journal of the American Ceramic Society</i> , 2009 , 92, 130-132	3.8	42
69	Effect of BiScO ₃ and LiNbO ₃ on the Piezoelectric Properties of (Na _{0.5} K _{0.5})NbO ₃ Ceramics. <i>Journal of the American Ceramic Society</i> , 2009 , 92, 1853-1855	3.8	15
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