

Dan Wang

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222
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18,179
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66
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132
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239
ext. papers

20,685
ext. citations

11
avg. IF

7.19
L-index

#	Paper	IF	Citations
222	Recent advances in micro-/nano-structured hollow spheres for energy applications: From simple to complex systems. <i>Energy and Environmental Science</i> , 2012 , 5, 5604-5618	35.4	996
221	Two-dimensional graphene bridges enhanced photoinduced charge transport in dye-sensitized solar cells. <i>ACS Nano</i> , 2010 , 4, 887-94	16.7	840
220	Hierarchically ordered macro-mesoporous TiO ₂ /graphene composite films: improved mass transfer, reduced charge recombination, and their enhanced photocatalytic activities. <i>ACS Nano</i> , 2011 , 5, 590-6	16.7	655
219	Growth of polypyrrole ultrathin films on MoS ₂ monolayers as high-performance supercapacitor electrodes. <i>Advanced Materials</i> , 2015 , 27, 1117-23	24	602
218	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
217	Accurate control of multishelled Co ₃ O ₄ hollow microspheres as high-performance anode materials in lithium-ion batteries. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6417-20	16.4	580
216	Multi-shelled hollow micro-/nanostructures. <i>Chemical Society Reviews</i> , 2015 , 44, 6749-73	58.5	540
215	Facile synthesis of surfactant-free Au cluster/graphene hybrids for high-performance oxygen reduction reaction. <i>ACS Nano</i> , 2012 , 6, 8288-97	16.7	537
214	General synthesis and gas-sensing properties of multiple-shell metal oxide hollow microspheres. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2738-41	16.4	473
213	Accurate control of multishelled ZnO hollow microspheres for dye-sensitized solar cells with high efficiency. <i>Advanced Materials</i> , 2012 , 24, 1046-9	24	457
212	Cross-linked g-C ₃ N ₄ /rGO nanocomposites with tunable band structure and enhanced visible light photocatalytic activity. <i>Small</i> , 2013 , 9, 3336-44	11	451
211	Facile synthesis of Au@TiO ₂ core-shell hollow spheres for dye-sensitized solar cells with remarkably improved efficiency. <i>Energy and Environmental Science</i> , 2012 , 5, 6914	35.4	404
210	Few-layer graphdiyne doped with sp-hybridized nitrogen atoms at acetylenic sites for oxygen reduction electrocatalysis. <i>Nature Chemistry</i> , 2018 , 10, 924-931	17.6	379
209	Photocatalytic properties of graphdiyne and graphene modified TiO ₂ from theory to experiment. <i>ACS Nano</i> , 2013 , 7, 1504-12	16.7	373
208	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
207	Graphdiyne: synthesis, properties, and applications. <i>Chemical Society Reviews</i> , 2019 , 48, 908-936	58.5	337
206	Multi-shelled metal oxides prepared via an anion-adsorption mechanism for lithium-ion batteries. <i>Nature Energy</i> , 2016 , 1,	62.3	304

205	Accurate Control of Multishelled Co ₃ O ₄ Hollow Microspheres as High-Performance Anode Materials in Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2013 , 125, 6545-6548	3.6	264
204	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
203	A novel and highly efficient photocatalyst based on P25-graphdiyne nanocomposite. <i>Small</i> , 2012 , 8, 265-71	11	248
202	Molecular architecture of cobalt porphyrin multilayers on reduced graphene oxide sheets for high-performance oxygen reduction reaction. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5585-9	16.4	226
201	Design of Hollow Nanostructures for Energy Storage, Conversion and Production. <i>Advanced Materials</i> , 2019 , 31, e1801993	24	224
200	Hollow Multi-Shelled Structures of CoO Dodecahedron with Unique Crystal Orientation for Enhanced Photocatalytic CO Reduction. <i>Journal of the American Chemical Society</i> , 2019 , 141, 2238-2241	16.4	205
199	General Synthesis of Homogeneous Hollow Core-shell Ferrite Microspheres. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 2792-2797	3.8	203
198	Superstructures and SERS properties of gold nanocrystals with different shapes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1593-6	16.4	189
197	Two-dimensional carbon leading to new photoconversion processes. <i>Chemical Society Reviews</i> , 2014 , 43, 4281-99	58.5	184
196	A self-sponsored doping approach for controllable synthesis of S and N co-doped trimodal-porous structured graphitic carbon electrocatalysts. <i>Energy and Environmental Science</i> , 2014 , 7, 3720-3726	35.4	180
195	Dendrite-Free Sodium-Metal Anodes for High-Energy Sodium-Metal Batteries. <i>Advanced Materials</i> , 2018 , 30, e1801334	24	177
194	One dimensional CuInS ₂ /ZnS heterostructured nanomaterials as low-cost and high-performance counter electrodes of dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2013 , 6, 835	35.4	159
193	Multi-shelled hollow micro-/nanostructures: promising platforms for lithium-ion batteries. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 414-430	7.8	157
192	Few-Layer Graphdiyne Nanosheets Applied for Multiplexed Real-Time DNA Detection. <i>Advanced Materials</i> , 2017 , 29, 1606755	24	153
191	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
190	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
189	General Synthesis and Gas-Sensing Properties of Multiple-Shell Metal Oxide Hollow Microspheres. <i>Angewandte Chemie</i> , 2011 , 123, 2790-2793	3.6	142
188	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

187	Ultrathin Transition Metal Dichalcogenide/3d Metal Hydroxide Hybridized Nanosheets to Enhance Hydrogen Evolution Activity. <i>Advanced Materials</i> , 2018 , 30, e1801171	24	134
186	Controllable synthesis of mesostructures from TiO hollow to porous nanospheres with superior rate performance for lithium ion batteries. <i>Chemical Science</i> , 2016 , 7, 793-798	9.4	133
185	Ordered Arrays of Bead-Chain-like In ₂ O ₃ Nanorods and Their Enhanced Sensing Performance for Formaldehyde. <i>Chemistry of Materials</i> , 2010 , 22, 3033-3042	9.6	130
184	Stereodefined Codoping of sp-N and S Atoms in Few-Layer Graphdiyne for Oxygen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7240-7244	16.4	123
183	Hydrothermal transformation of dried grass into graphitic carbon-based high performance electrocatalyst for oxygen reduction reaction. <i>Small</i> , 2014 , 10, 3371-8	11	122
182	Sandwich-Like Ultrathin TiS ₂ Nanosheets Confined within N, S Codoped Porous Carbon as an Effective Polysulfide Promoter in Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1901872	21.8	119
181	Hollow Multishelled Structures for Promising Applications: Understanding the Structure-Performance Correlation. <i>Accounts of Chemical Research</i> , 2019 , 52, 2169-2178	24.3	110
180	Sequential Templating Approach: A Groundbreaking Strategy to Create Hollow Multishelled Structures. <i>Advanced Materials</i> , 2019 , 31, e1802874	24	110
179	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
178	Formation of Septuple-Shelled (Co Mn) ₂ (Co Mn) ₂ O Hollow Spheres as Electrode Material for Alkaline Rechargeable Battery. <i>Advanced Materials</i> , 2017 , 29, 1700550	24	108
177	A nanosized SnSb alloy confined in N-doped 3D porous carbon coupled with ether-based electrolytes toward high-performance potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 14309-14318	13	103
176	Hollow Multi-Shelled Structural TiO ₂ with Multiple Spatial Confinement for Long-Life Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9078-9082	16.4	100
175	Molecular Architecture of Cobalt Porphyrin Multilayers on Reduced Graphene Oxide Sheets for High-Performance Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , 2013 , 125, 5695-5699	3.6	95
174	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
173	Removal of Cd ²⁺ from aqueous solutions by hydroxyapatite. <i>Catalysis Today</i> , 2008 , 139, 94-99	5.3	94
172	Synthesis and Applications of Graphdiyne-Based Metal-Free Catalysts. <i>Advanced Materials</i> , 2019 , 31, e1803762	24	92
171	Hydrothermal Synthesis and Characterization of a Novel One-Dimensional Titanium Glycolate Complex Single Crystal: Ti(OCH ₂ CH ₂ O) ₂ . <i>Chemistry of Materials</i> , 1999 , 11, 2008-2012	9.6	88
170	Direct hydrothermal synthesis of single-crystalline hematite nanorods assisted by 1,2-propanediamine. <i>Nanotechnology</i> , 2009 , 20, 245603	3.4	86

169	Hierarchically mesoporous hematite microspheres and their enhanced formaldehyde-sensing properties. <i>Small</i> , 2011 , 7, 578-82	11	85
168	Hollow Multishelled Heterostructured Anatase/TiO (B) with Superior Rate Capability and Cycling Performance. <i>Advanced Materials</i> , 2019 , 31, e1805754	24	85
167	Lattice Distortion in Hollow Multi-Shelled Structures for Efficient Visible-Light CO Reduction with a SnS /SnO Junction. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 721-724	16.4	84
166	Hollow multishell structures exercise temporal/spatial ordering and dynamic smart behaviour. <i>Nature Reviews Chemistry</i> , 2020 , 4, 159-168	34.6	83
165	One-step solid phase synthesis of a highly efficient and robust cobalt pentlandite electrocatalyst for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 18314-18321	13	80
164	Multi-shelled TiO ₂ /Fe ₂ TiO ₅ heterostructured hollow microspheres for enhanced solar water oxidation. <i>Nano Research</i> , 2017 , 10, 3920-3928	10	80
163	Strongly Coupled CoCr ₂ O ₄ /Carbon Nanosheets as High Performance Electrocatalysts for Oxygen Evolution Reaction. <i>Small</i> , 2016 , 12, 2866-71	11	76
162	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
161	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
160	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
159	V O Textile Cathodes with High Capacity and Stability for Flexible Lithium-Ion Batteries. <i>Advanced Materials</i> , 2020 , 32, e1906205	24	68
158	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
157	Morphology control of hydroxyapatite through hydrothermal process. <i>Journal of Alloys and Compounds</i> , 2008 , 457, 555-559	5.7	67
156	Hierarchical Three-Dimensional Cobalt Phosphate Microarchitectures: Large-Scale Solvothermal Synthesis, Characterization, and Magnetic and Microwave Absorption Properties. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 15948-15955	3.8	66
155	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
154	Steering Hollow Multishelled Structures in Photocatalysis: Optimizing Surface and Mass Transport. <i>Advanced Materials</i> , 2020 , 32, e2002556	24	63
153	A Rutile TiO Electron Transport Layer for the Enhancement of Charge Collection for Efficient Perovskite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9414-9418	16.4	61
152	Graphdiyne: Recent Achievements in Photo- and Electrochemical Conversion. <i>Advanced Science</i> , 2018 , 5, 1800959	13.6	61

151	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
150	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
149	Hollow Multishelled Structure of Heterogeneous Co ₃ O ₄ /TeO ₂ Nanocomposite for CO Catalytic Oxidation. <i>Advanced Functional Materials</i> , 2019 , 29, 1806588	15.6	55
148	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
147	Synthesis of multi-shelled MnO ₂ hollow microspheres via an anion-adsorption process of hydrothermal intensification. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 1065-1070	6.8	53
146	TiO ₂ and Co Nanoparticle-Decorated Carbon Polyhedra as Efficient Sulfur Host for High-Performance Lithium-Sulfur Batteries. <i>Small</i> , 2019 , 15, e1804533	11	49
145	Hollow Micro-/Nanostructure Reviving Lithium-sulfur Batteries. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 313-319	2.2	48
144	Low-temperature hydrothermal synthesis and structure control of nano-sized CePO ₄ . <i>CrystEngComm</i> , 2009 , 11, 1630	3.3	45
143	High-Pressure Synthesis and Structure of SrCo ₆ O ₁₁ : Pillared Kagomlattice System with a 1/3 Magnetization Plateau. <i>Chemistry of Materials</i> , 2005 , 17, 2789-2791	9.6	45
142	Remarkably enhanced water splitting activity of nickel foam due to simple immersion in a ferric nitrate solution. <i>Nano Research</i> , 2018 , 11, 3959-3971	10	45
141	Highly Selective Two-Electron Electrocatalytic CO ₂ Reduction on Single-Atom Cu Catalysts. <i>Small Structures</i> , 2021 , 2, 2000058	8.7	44
140	Dual-nitrogen-source engineered Fe ₂ S ₃ moieties as a booster for oxygen electroreduction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 11007-11015	13	42
139	Granum-like stacking structures with TiO ₂ -graphene nanosheets for improving photo-electric conversion. <i>Small</i> , 2012 , 8, 1762-70	11	42
138	Uniform Two-Dimensional Co ₃ O ₄ Porous Sheets: Facile Synthesis and Enhanced Photocatalytic Performance. <i>Chemical Engineering and Technology</i> , 2016 , 39, 891-898	2	42
137	An in situ vapour phase hydrothermal surface doping approach for fabrication of high performance Co ₃ O ₄ electrocatalysts with an exceptionally high S-doped active surface. <i>Chemical Communications</i> , 2015 , 51, 5695-7	5.8	41
136	Enriched graphitic N in nitrogen-doped graphene as a superior metal-free electrocatalyst for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2018 , 42, 19665-19670	3.6	41
135	Patterning Islandlike MnO Arrays by Breath-Figure Templates for Flexible Transparent Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 27001-27008	9.5	40
134	Nonaqueous Synthesis and Characterization of a Novel Layered Zirconium Phosphate Templated with Mixed Organic and Inorganic Cations. <i>Chemistry of Materials</i> , 2000 , 12, 956-960	9.6	39

133	Controllable Synthesis of Hollow Multishell Structured Co ₃ O ₄ with Improved Rate Performance and Cyclic Stability for Supercapacitors. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 68-73	2.2	39
132	Dual-Defects Adjusted Crystal-Field Splitting of LaCo Ni O Hollow Multishelled Structures for Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19691-19695	16.4	37
131	In situ synthesis of Co ₃ O ₄ nanoparticles confined in 3D nitrogen-doped porous carbon as an efficient bifunctional oxygen electrocatalyst. <i>Rare Metals</i> , 2020 , 39, 1383-1394	5.5	37
130	Dynamic Intelligent Cu Current Collectors for Ultrastable Lithium Metal Anodes. <i>Nano Letters</i> , 2020 , 20, 3403-3410	11.5	36
129	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
128	A Hollow-Shell Structured V ₂ O ₅ Electrode-Based Symmetric Full Li-Ion Battery with Highest Capacity. <i>Advanced Energy Materials</i> , 2019 , 9, 1900909	21.8	35
127	High rate Li-ion storage properties of MOF-carbonized derivatives coated on MnO nanowires. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1975-1981	7.8	34
126	The surface sulfur doping induced enhanced performance of cobalt catalysts in oxygen evolution reactions. <i>Chemical Communications</i> , 2016 , 52, 9450-3	5.8	34
125	Hollow Multi-Shelled Structural TiO ₂ with Multiple Spatial Confinement for Long-Life Lithium Sulfur Batteries. <i>Angewandte Chemie</i> , 2019 , 131, 9176-9180	3.6	33
124	Lattice Distortion in Hollow Multi-Shelled Structures for Efficient Visible-Light CO ₂ Reduction with a SnS ₂ /SnO ₂ Junction. <i>Angewandte Chemie</i> , 2020 , 132, 731-734	3.6	31
123	Removal of Cd ²⁺ from aqueous solution with carbon modified aluminum-pillared montmorillonite. <i>Catalysis Today</i> , 2008 , 139, 135-139	5.3	30
122	Atomically dispersed MnO catalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 23187-23201	13	30
121	A fluorescent quenching performance enhancing principle for carbon nanodot-sensitized aqueous solar cells. <i>Nano Energy</i> , 2015 , 13, 124-130	17.1	29
120	Resonance-Enhanced Absorption in Hollow Nanoshell Spheres with Omnidirectional Detection and High Responsivity and Speed. <i>Advanced Materials</i> , 2018 , 30, e1801972	24	29
119	A high-entropy perovskite titanate lithium-ion battery anode. <i>Journal of Materials Science</i> , 2020 , 55, 6942-6951	28	28
118	Enhanced light harvesting in plasmonic dye-sensitized solar cells by using a topologically ordered gold light-trapping layer. <i>ChemSusChem</i> , 2012 , 5, 572-6	8.3	28
117	BiSb@BiO/SbO encapsulated in porous carbon as anode materials for sodium/potassium-ion batteries with a high pseudocapacitive contribution. <i>Journal of Colloid and Interface Science</i> , 2020 , 580, 429-438	9.3	28
116	Sequential drug release via chemical diffusion and physical barriers enabled by hollow multishelled structures. <i>Nature Communications</i> , 2020 , 11, 4450	17.4	28

115	Template-free hydrothermal synthesis of hollow hematite microspheres. <i>Journal of Materials Science</i> , 2010 , 45, 5685-5691	4.3	27
114	Synthesis and photocatalytic activity of hierarchical flower-like SrTiO ₃ nanostructure. <i>Science China Materials</i> , 2015 , 58, 192-197	7.1	26
113	Three-dimensional porous bowl-shaped carbon cages interspersed with carbon coated Ni ₃ Sn alloy nanoparticles as anode materials for high-performance lithium-ion batteries. <i>New Journal of Chemistry</i> , 2017 , 41, 393-402	3.6	25
112	One-pot synthesis of porous hematite hollow microspheres and their application in water treatment. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 7707-10	1.3	24
111	A dual-template strategy to engineer hierarchically porous Fe ₃ O ₄ electrocatalysts for the high-performance cathodes of Zn air batteries. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 9761-9770	13	24
110	Delicate Control on the Shell Structure of Hollow Spheres Enables Tunable Mass Transport in Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6926-6931	16.4	24
109	Carbon-encapsulated heazlewoodite nanoparticles as highly efficient and durable electrocatalysts for oxygen evolution reactions. <i>Nano Research</i> , 2017 , 10, 3522-3533	10	23
108	Small Structures Bring Big Things: Performance Control of Hollow Multishelled Structures. <i>Small Structures</i> , 2021 , 2, 2000041	8.7	23
107	Synthesis and characterization of Zn-doped MgAl-layered double hydroxide nanoparticles as PVC heat stabilizer. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	22
106	A Novel Open-Framework Cerium Phosphate Fluoride: (NH ₄)[CeIVF ₂ (PO ₄)]. <i>Journal of Solid State Chemistry</i> , 2001 , 157, 180-185	3.3	22
105	Catalytic performance in phenol hydroxylation by hydrogen peroxide over a catalyst of V ₂ O ₅ complex. <i>Catalysis Today</i> , 1999 , 51, 39-46	5.3	22
104	Graphdiyne with Enhanced Ability for Electron Transfer. <i>Wuli Huaxue Xuebao/Acta Physico-Chimica Sinica</i> , 2018 , 34, 1048-1060	3.8	22
103	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
102	A novel organically templated hybrid open-framework manganese phosphate oxalate. <i>Solid State Sciences</i> , 2005 , 7, 221-226	3.4	21
101	Unique structural advances of graphdiyne for energy applications. <i>EnergyChem</i> , 2020 , 2, 100041	36.9	21
100	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
99	Fabrication of Porous Carbon with Controllable Nitrogen Doping as Anode for High-Performance Potassium-Ion Batteries. <i>ChemElectroChem</i> , 2019 , 6, 3699-3707	4.3	20
98	Oxalate-induced hydrothermal synthesis of CePO ₄ :Tb nanowires with enhanced photoluminescence. <i>Scripta Materialia</i> , 2010 , 62, 133-136	5.6	20

97	Metal Mesh as a Transparent Omnidirectional Strain Sensor. <i>Advanced Materials Technologies</i> , 2019 , 4, 1800698	6.8	19
96	Electrodeposited Graphene and Silver Nanoparticles Modified Electrode for Direct Electrochemistry and Electrocatalysis of Hemoglobin. <i>Electroanalysis</i> , 2012 , 24, 1973-1979	3	19
95	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
94	Fe ^{IV} and Co ^{IV} dual sites for boosting oxygen electroreduction in Zn ^{air} batteries. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 13678-13687	13	18
93	When hollow multishelled structures (HoMSs) meet metal-organic frameworks (MOFs). <i>Chemical Science</i> , 2020 , 11, 5359-5368	9.4	17
92	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
91	Electrodeposited Graphene and Gold Nanoparticle Modified Carbon Ionic Liquid Electrode for Sensitive Detection of Rutin. <i>Chinese Journal of Analytical Chemistry</i> , 2013 , 41, 709-713	1.6	17
90	Formation of efficient dye-sensitized solar cells by introducing an interfacial layer of hierarchically ordered macro-mesoporous TiO ₂ film. <i>Science China Chemistry</i> , 2011 , 54, 930-935	7.9	17
89	Hollow multi-shell structured SnO ₂ with enhanced performance for ultraviolet photodetectors. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1968-1972	6.8	16
88	Novel Open-Framework Material: Cerium Oxyfluoride with CeO ₆ F ₂ Dodecahedron. <i>Chemistry of Materials</i> , 2000 , 12, 3527-3529	9.6	16
87	Highly Efficient Photothermal Conversion and Water Transport during Solar Evaporation Enabled by Amorphous Hollow Multishelled Nanocomposites. <i>Advanced Materials</i> , 2021 , e2107400	24	16
86	Triple-Shelled ManganeseCobalt Oxide Hollow Dodecahedra with Highly Enhanced Performance for Rechargeable Alkaline Batteries. <i>Angewandte Chemie</i> , 2019 , 131, 1008-1013	3.6	16
85	CoreShell nano/microstructures for heterogeneous tandem catalysis. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1126-1139	7.8	16
84	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
83	A high performance redox-mediated electrolyte for improving properties of metal oxides based pseudocapacitive materials. <i>Electrochimica Acta</i> , 2015 , 186, 478-485	6.7	15
82	Ordered mesoporous NiFe ₂ O ₄ with ultrathin framework for low-ppb toluene sensing. <i>Science Bulletin</i> , 2018 , 63, 187-193	10.6	15
81	Physicomechanical, friction, and abrasion properties of EVA/PU blend foams foamed by supercritical nitrogen. <i>Polymer Engineering and Science</i> , 2018 , 58, 673-682	2.3	15
80	The First Organically Templated Layered Cerium Phosphate-Hydrogen Sulfate: [enH ₂] _{0.5} [CeIII(PO ₄)(HSO ₄)(OH ₂)]. <i>Chemistry Letters</i> , 2002 , 31, 1120-1121	1.7	15

79	Transition Metal and Nitrogen Co-Doped Carbon-based Electrocatalysts for the Oxygen Reduction Reaction: From Active Site Insights to the Rational Design of Precursors and Structures. <i>ChemSusChem</i> , 2021 , 14, 33-55	8.3	15
78	Synergistic catalysis between atomically dispersed Fe and a pyrrolic-N-C framework for CO ₂ electroreduction. <i>Nanoscale Horizons</i> , 2019 , 4, 1411-1415	10.8	14
77	An Effective Route for Porous Ferrihydrite Preparation from Layered Double Hydroxide Precursors. <i>Chemistry Letters</i> , 2006 , 35, 656-657	1.7	14
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