

# Hao Jiang

## List of Publications by Year in descending order

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158  
papers

12,626  
citations

28242

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24961

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162  
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162  
docs citations

162  
times ranked

15915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolated ultrasmall Bi nanosheets for efficient CO <sub>2</sub> -to-formate electroreduction. Nano Research, 2022, 15, 1409-1414.	5.8	26
2	Heterogeneous MoSe <sub>2</sub> /Nitrogen-Doped Carbon Nanoarrays: Engineering Atomic Interface for Potassium-Ion Storage. Advanced Functional Materials, 2022, 32, 2110223.	7.8	29
3	Regulating Steric Hindrance in Redox-Active Porous Organic Frameworks Achieves Enhanced Sodium Storage Performance. Small, 2022, 18, e2105927.	5.2	10
4	Engineering V <sub>2</sub> O <sub>3</sub> nanoarrays with abundant localized defects towards high-voltage aqueous supercapacitors. Journal of Materials Chemistry A, 2022, 10, 4825-4832.	5.2	6
5	A New Design Method of Shield Tunnel Based on the Concept of Minimum Bending Moment. Applied Sciences (Switzerland), 2022, 12, 1082.	1.3	4
6	Defect engineered SnO <sub>2</sub> nanoparticles enable strong CO <sub>2</sub> chemisorption toward efficient electroconversion to formate. Dalton Transactions, 2022, 51, 3512-3519.	1.6	7
7	Low full-cell voltage driven high-current-density selective paired formate electrosynthesis. Journal of Materials Chemistry A, 2022, 10, 1329-1335.	5.2	18
8	Regulating Steric Hindrance in Redox-Active Porous Organic Frameworks Achieves Enhanced Sodium Storage Performance (Small 1/2022). Small, 2022, 18, 2270004.	5.2	2
9	Co <sub>3</sub> O <sub>4</sub> Quantum Dot-Catalyzed Lithium Oxalate as a Capacity and Cycle-Life Enhancer in Lithium-Ion Full Cells. ACS Applied Energy Materials, 2022, 5, 2112-2120.	2.5	10
10	Enhancing Surface and Crystal Stability of the Ni-High NCA Cathode for High-Energy and Durable Lithium-Ion Batteries. Industrial & Engineering Chemistry Research, 2022, 61, 2817-2824.	1.8	10
11	Dual Rate-Modulation Approach for the Preparation of Crystalline Covalent Triazine Frameworks Displaying Efficient Sodium Storage. ACS Macro Letters, 2022, 11, 60-65.	2.3	12
12	Electricity generation from water evaporation through highly conductive carbonized wood with abundant hydroxyls. Sustainable Energy and Fuels, 2022, 6, 2249-2255.	2.5	11
13	Redox-mediated electrosynthesis of ethylene oxide from CO <sub>2</sub> and water. Nature Catalysis, 2022, 5, 185-192.	16.1	40
14	Algorithm for an Effective Ratio of the Transverse Bending Rigidity Based on the Segment Joint Bending Stiffness. Applied Sciences (Switzerland), 2022, 12, 1901.	1.3	6
15	Introducing the Solvent Co-Intercalation Mechanism for Hard Carbon with Ultrafast Sodium Storage. Small, 2022, 18, e2108092.	5.2	14
16	Aluminum nanoparticles deliver a dual-epitope peptide for enhanced anti-tumor immunotherapy. Journal of Controlled Release, 2022, 344, 134-146.	4.8	21
17	Toward High-Performance CO <sub>2</sub> -to-CH <sub>2</sub> Electroreduction via Linker Tuning on MOF-Derived Catalysts. Small, 2022, 18, e2200720.	5.2	15
18	Revealing the Structure-Interaction-Dissolubility Relationships through Computational Investigation Coupled with Solubility Measurement: Toward Solvent Design for Organosulfide Capture. Industrial & Engineering Chemistry Research, 2022, 61, 7183-7192.	1.8	7

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19	Gas Diffusion Layer with a Regular Hydrophilic Structure Boosts the Power Density of Proton Exchange Membrane Fuel Cells via the Construction of Water Highways. ACS Applied Materials & Interfaces, 2022, 14, 17578-17584.	4.0	6
20	Enhancing electrocatalytic $N_2$ reduction via tailoring the electric double layers. AIChE Journal, 2022, 68, .	1.8	17
21	Photoassisted Cobalt-Catalyzed Asymmetric Reductive Grignard-Type Addition of Aryl Iodides. Journal of the American Chemical Society, 2022, 144, 8347-8354.	6.6	52
22	Programmable protein topology via SpyCatcher-SpyTag chemistry in one-pot cell-free expression system. Protein Science, 2022, 31, .	3.1	5
23	Asymmetric pore windows in MOF membranes for natural gas valorization. Nature, 2022, 606, 706-712.	13.7	163
24	Edge-enriched MoS <sub>2</sub> @C/rGO film as self-standing anodes for high-capacity and long-life lithium-ion batteries. Science China Materials, 2021, 64, 96-104.	3.5	30
25	Pt <sub>1.4</sub> Ni(100) Tetrapods with Enhanced Oxygen Reduction Reaction Activity. Catalysis Letters, 2021, 151, 212-220.	1.4	7
26	High-damping polyurethane/hollow glass microspheres sound insulation materials: Preparation and characterization. Journal of Applied Polymer Science, 2021, 138, 49970.	1.3	23
27	Supersaturated bridge-sulfur and vanadium co-doped MoS <sub>2</sub> nanosheet arrays with enhanced sodium storage capability. Nano Research, 2021, 14, 74-80.	5.8	42
28	Fluorination-enabled Reconstruction of NiFe Electrocatalysts for Efficient Water Oxidation. Nano Letters, 2021, 21, 492-499.	4.5	190
29	Pyruvate Kinase M2 Mediates Glycolysis in the Lymphatic Endothelial Cells and Promotes the Progression of Lymphatic Malformations. American Journal of Pathology, 2021, 191, 204-215.	1.9	11
30	Atomic heterointerface engineering overcomes the activity limitation of electrocatalysts and promises highly-efficient alkaline water splitting. Energy and Environmental Science, 2021, 14, 5228-5259.	15.6	198
31	Surface covalent sulfur enriching Ni active sites of Ni <sub>3</sub> S <sub>2</sub> nanoparticles for efficient oxygen evolution. New Journal of Chemistry, 2021, 45, 3210-3214.	1.4	5
32	A reticular chemistry guide for the design of periodic solids. Nature Reviews Materials, 2021, 6, 466-487.	23.3	166
33	Multivalent Ion Batteries: Cathode Design for Aqueous Rechargeable Multivalent Ion Batteries: Challenges and Opportunities (Adv. Funct. Mater. 13/2021). Advanced Functional Materials, 2021, 31, 2170089.	7.8	1
34	Derived CuSn Alloys from Heterointerfaces in Bimetallic Oxides Promote the CO <sub>2</sub> Electroreduction to Formate. ChemElectroChem, 2021, 8, 1150-1155.	1.7	11
35	BiPO <sub>4</sub> -Derived 2D Nanosheets for Efficient Electrocatalytic Reduction of CO <sub>2</sub> to Liquid Fuel. Angewandte Chemie, 2021, 133, 7759-7763.	1.6	10
36	BiPO <sub>4</sub> -Derived 2D Nanosheets for Efficient Electrocatalytic Reduction of CO <sub>2</sub> to Liquid Fuel. Angewandte Chemie - International Edition, 2021, 60, 7681-7685.	7.2	98

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37	Multivalence-Ion Intercalation Enables Ultrahigh 1T Phase MoS <sub>2</sub> Nanoflowers to Enhanced Sodium-Storage Performance. <i>CCS Chemistry</i> , 2021, 3, 1472-1482.	4.6	26
38	Revealing the Sudden Alternation in Pt@BN Nanoreactors for Nearly 100% CO <sub>2</sub> to CH <sub>4</sub> Photoreduction. <i>Advanced Functional Materials</i> , 2021, 31, 2010780.	7.8	43
39	Surface enrichment and diffusion enabling gradient-doping and coating of Ni-rich cathode toward Li-ion batteries. <i>Nature Communications</i> , 2021, 12, 4564.	5.8	153
40	New insights on ultrafast Na[solv] <sup>+</sup> coinserted graphite driven by an electric field. <i>Science China Materials</i> , 2021, 64, 2967-2975.	3.5	3
41	Facile Fabrication of Robust Hydrogen Evolution Electrodes under High Current Densities via Pt@Cu Interactions. <i>Advanced Functional Materials</i> , 2021, 31, 2105579.	7.8	45
42	Cathode Design for Aqueous Rechargeable Multivalent Ion Batteries: Challenges and Opportunities. <i>Advanced Functional Materials</i> , 2021, 31, 2010445.	7.8	102
43	Structure-Property-Energetics Relationship of Organosulfide Capture Using Cu(I)/Cu(II)-BTC Edited by Valence Engineering. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 371-377.	1.8	8
44	Integrated Reference Electrodes in Anion-Exchange-Membrane Electrolyzers: Impact of Stainless-Steel Gas-Diffusion Layers and Internal Mechanical Pressure. <i>ACS Energy Letters</i> , 2021, 6, 305-312.	8.8	63
45	Optimizing SnO <sub>2</sub> x/Fe <sub>2</sub> O <sub>3</sub> Hetero-Nanocrystals Toward Rapid and Highly Reversible Lithium Storage. <i>Small</i> , 2021, 17, e2103532.	5.2	20
46	Light-Motivated SnO <sub>2</sub> /TiO <sub>2</sub> Heterojunctions Enabling the Breakthrough in Energy Density for Lithium-Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2103558.	11.1	73
47	RDFNet: A Fast Caries Detection Method Incorporating Transformer Mechanism. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-9.	0.7	15
48	Computational fluid dynamics simulation and experimental analysis of ultrafine powder suspension. <i>Rare Metals</i> , 2020, 39, 850-860.	3.6	3
49	Positively charged Pt-based cocatalysts: an orientation for achieving efficient photocatalytic water splitting. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17-26.	5.2	71
50	Enabling stable MnO <sub>2</sub> matrix for aqueous zinc-ion battery cathodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22075-22082.	5.2	101
51	Introducing a Cantellation Strategy for the Design of Mesoporous Zeolite-like Metal-Organic Frameworks: Zr-sod-ZMOFs as a Case Study. <i>Journal of the American Chemical Society</i> , 2020, 142, 20547-20553.	6.6	31
52	Promoting CO <sub>2</sub> methanation via ligand-stabilized metal oxide clusters as hydrogen-donating motifs. <i>Nature Communications</i> , 2020, 11, 6190.	5.8	93
53	A novel antiviral lncRNA, EDAL, shields a T309 O-GlcNAcylation site to promote EZH2 lysosomal degradation. <i>Genome Biology</i> , 2020, 21, 228.	3.8	38
54	Extension of Surface Organometallic Chemistry to Metal-Organic Frameworks: Development of a Well-Defined Single Site [(Zr-O)W(O)(CH <sub>2</sub> ) <sup>sup</sup> Bu) <sub>3</sub> ] Olefin 6.6 Metathesis Catalyst. <i>Journal of the American Chemical Society</i> , 2020, 142, 16690-16703.		31

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55	Intermediate Binding Control Using Metal-Organic Frameworks Enhances Electrochemical CO <sub>2</sub> Reduction. <i>Journal of the American Chemical Society</i> , 2020, 142, 21513-21521.	6.6	133
56	A fatigue damage accumulation model for reliability analysis of engine components under combined cycle loadings. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 1880-1892.	1.7	36
57	Rich Bismuth-Oxygen Bonds in Bismuth Derivatives from Bi <sub>2</sub> S <sub>3</sub> Pre-Catalysts Promote the Electrochemical Reduction of CO <sub>2</sub> . <i>ChemElectroChem</i> , 2020, 7, 2864-2868.	1.7	12
58	Nanospace-Confinement Synthesis: Designing High-Energy Anode Materials toward Ultrastable Lithium-Ion Batteries. <i>Small</i> , 2020, 16, e2002351.	5.2	13
59	Reticular Chemistry 3.2: Typical Minimal Edge-Transitive <i>Derived</i> and <i>Related</i> Nets for the Design and Synthesis of Metal-Organic Frameworks. <i>Chemical Reviews</i> , 2020, 120, 8039-8065.	23.0	149
60	Aerosol Spray Pyrolysis Synthesis of Porous Anatase TiO <sub>2</sub> Microspheres with Tailored Photocatalytic Activity. <i>Acta Metallurgica Sinica (English Letters)</i> , 2019, 32, 286-296.	1.5	4
61	Gangliosides profiling in serum of breast cancer patient: GM3 as a potential diagnostic biomarker. <i>Glycoconjugate Journal</i> , 2019, 36, 419-428.	1.4	29
62	Unique holey graphene/carbon dots frameworks by microwave-initiated chain reduction for high-performance compressible supercapacitors and reusable oil/water separation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22054-22062.	5.2	27
63	Research progress in materials-oriented chemical engineering in China. <i>Reviews in Chemical Engineering</i> , 2019, 35, 917-927.	2.3	2
64	Revealing the Electrochemical Mechanism of Cationic/Anionic Redox on Li-Rich Layered Oxides via Controlling the Distribution of Primary Particle Size. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 25796-25803.	4.0	8
65	Continuous oxygen vacancy engineering of the Co <sub>3</sub> O <sub>4</sub> layer for an enhanced alkaline electrocatalytic hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13506-13510.	5.2	78
66	Comprehensive <i>N</i> -Glycome Profiling of Cells and Tissues for Breast Cancer Diagnosis. <i>Journal of Proteome Research</i> , 2019, 18, 2559-2570.	1.8	26
67	<i>110th Anniversary:</i> Concurrently Coating and Doping High-Valence Vanadium in Nickel-Rich Lithiated Oxides for High-Rate and Stable Lithium-Ion Batteries. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 4108-4115.	1.8	33
68	Tailorable surface sulfur chemistry of mesoporous Ni <sub>3</sub> S <sub>2</sub> particles for efficient oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7548-7552.	5.2	72
69	Patterns of human social contact and contact with animals in Shanghai, China. <i>Scientific Reports</i> , 2019, 9, 15141.	1.6	61
70	Enriching the Reticular Chemistry Repertoire with Minimal Edge-Transitive Related Nets: Access to Highly Coordinated Metal-Organic Frameworks Based on Double Six-Membered Rings as Net-Coded Building Units. <i>Journal of the American Chemical Society</i> , 2019, 141, 20480-20489.	6.6	42
71	Extremely Hydrophobic POPs to Access Highly Porous Storage Media and Capturing Agent for Organic Vapors. <i>CheM</i> , 2019, 5, 180-191.	5.8	42
72	Optimized in vivo performance of acid-labile micelles for the treatment of rheumatoid arthritis by one single injection. <i>Nano Research</i> , 2019, 12, 421-428.	5.8	24

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73	Unsaturated Sulfur Edge Engineering of Strongly Coupled MoS <sub>2</sub> Nanosheet@Carbon Macroporous Hybrid Catalyst for Enhanced Hydrogen Generation. <i>Advanced Energy Materials</i> , 2019, 9, 1802553.	10.2	159
74	In-situ growth of ultrathin MoS <sub>2</sub> nanosheets on sponge-like carbon nanospheres for lithium-ion batteries. <i>Science China Materials</i> , 2018, 61, 1049-1056.	3.5	20
75	Multi-shelled LiMn <sub>1.95</sub> Co <sub>0.05</sub> O <sub>4</sub> cages with a tunable Mn oxidation state for ultra-high lithium storage. <i>New Journal of Chemistry</i> , 2018, 42, 3953-3960.	1.4	3
76	Turning the Old Adjuvant from Gel to Nanoparticles to Amplify CD8 <sup>+</sup> T Cell Responses. <i>Advanced Science</i> , 2018, 5, 1700426.	5.6	93
77	Nanospace-confined synthesis of coconut-like SnS/C nanospheres for high-rate and stable lithium-ion batteries. <i>AIChE Journal</i> , 2018, 64, 1965-1974.	1.8	45
78	2D Metal Chalcogenides Incorporated into Carbon and their Assembly for Energy Storage Applications. <i>Small</i> , 2018, 14, e1800148.	5.2	40
79	L <sub>1</sub> Atomic Ordered Substrate Enhanced Pt-Skin Cu <sub>3</sub> Pt Catalyst for Efficient Oxygen Reduction Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 38015-38023.	4.0	28
80	Construction of Nanoreactors Combining Two-Dimensional Hexagonal Boron Nitride (h-BN) Coating with Pt/Al <sub>2</sub> O <sub>3</sub> Catalyst toward Efficient Catalysis for CO Oxidation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 13353-13361.	1.8	13
81	Mo-Triggered amorphous Ni <sub>3</sub> S <sub>2</sub> nanosheets as efficient and durable electrocatalysts for water splitting. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1462-1466.	3.2	43
82	Topology meets MOF chemistry for pore-aperture fine tuning: <b>MOF</b> platform for energy-efficient separations <i>via</i> adsorption kinetics or molecular sieving. <i>Chemical Communications</i> , 2018, 54, 6404-6407.	2.2	65
83	2D Nanospace Confined Synthesis of Pseudocapacitance-Dominated MoS <sub>2</sub> @Ti <sub>3</sub> C <sub>2</sub> Superstructure for Ultrafast and Stable Li/Na-Ion Batteries. <i>Advanced Functional Materials</i> , 2018, 28, 1804306.	7.8	194
84	Enriching the Reticular Chemistry Repertoire: Merged Nets Approach for the Rational Design of Intricate Mixed-Linker Metal-Organic Framework Platforms. <i>Journal of the American Chemical Society</i> , 2018, 140, 8858-8867.	6.6	129
85	3D Ordered Macroporous MoS <sub>2</sub> @C Nanostructure for Flexible Li-Ion Batteries. <i>Advanced Materials</i> , 2017, 29, 1603020.	11.1	350
86	Tailoring polymeric hybrid micelles with lymph node targeting ability to improve the potency of cancer vaccines. <i>Biomaterials</i> , 2017, 122, 105-113.	5.7	107
87	Targeting NF- $\kappa$ B signaling with polymeric hybrid micelles that co-deliver siRNA and dexamethasone for arthritis therapy. <i>Biomaterials</i> , 2017, 122, 10-22.	5.7	161
88	Applying the Power of Reticular Chemistry to Finding the Missing <b>MOF</b> Platform Based on the (6,12)-Coordinated Edge-Transitive Net. <i>Journal of the American Chemical Society</i> , 2017, 139, 3265-3274.	6.6	104
89	2D MoS <sub>2</sub> /polyaniline heterostructures with enlarged interlayer spacing for superior lithium and sodium storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5383-5389.	5.2	102
90	Mo-Based Ultrasmall Nanoparticles on Hierarchical Carbon Nanosheets for Superior Lithium Ion Storage and Hydrogen Generation Catalysis. <i>Advanced Energy Materials</i> , 2017, 7, 1602782.	10.2	123

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91	Isostructural rare earth fcu-MOFs for the selective removal of H <sub>2</sub> S from CO <sub>2</sub> containing gases. <i>Chemical Engineering Journal</i> , 2017, 324, 392-396.	6.6	98
92	Triosephosphate isomerase 1 suppresses growth, migration and invasion of hepatocellular carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1048-1053.	1.0	44
93	Minimal edge-transitive nets for the design and construction of metal-organic frameworks. <i>Faraday Discussions</i> , 2017, 201, 127-143.	1.6	32
94	Lymph node targeting strategies to improve vaccination efficacy. <i>Journal of Controlled Release</i> , 2017, 267, 47-56.	4.8	207
95	Valuing Metal-Organic Frameworks for Postcombustion Carbon Capture: A Benchmark Study for Evaluating Physical Adsorbents. <i>Advanced Materials</i> , 2017, 29, 1702953.	11.1	88
96	Metal-Organic Framework-Based Separators for Enhancing Li-S Battery Stability: Mechanism of Mitigating Polysulfide Diffusion. <i>ACS Energy Letters</i> , 2017, 2, 2362-2367.	8.8	229
97	Kirigami-patterned highly stretchable conductors from flexible carbon nanotube-embedded polymer films. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8714-8722.	2.7	63
98	Engineering the outermost layers of TiO <sub>2</sub> nanoparticles using <i>in situ</i> Mg doping in a flame aerosol reactor. <i>AIChE Journal</i> , 2017, 63, 870-880.	1.8	21
99	Dietary Keratan Sulfate from Shark Cartilage Modulates Gut Microbiota and Increases the Abundance of <i>Lactobacillus</i> spp.. <i>Marine Drugs</i> , 2016, 14, 224.	2.2	29
100	Homologous V <sub>2</sub> O <sub>3</sub> /C box-in-box and V <sub>2</sub> O <sub>5</sub> box for lithium-ion full cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12030-12035.	5.2	39
101	Targeted delivery of low-dose dexamethasone using PCL-PEG micelles for effective treatment of rheumatoid arthritis. <i>Journal of Controlled Release</i> , 2016, 230, 64-72.	4.8	171
102	EZH2 is required for mouse oocyte meiotic maturation by interacting with and stabilizing spindle assembly checkpoint protein BubR1. <i>Nucleic Acids Research</i> , 2016, 44, 7659-7672.	6.5	25
103	A screening analysis of the GJB2 c.176 del 16 mutation responsible for hereditary deafness in a Chinese family. <i>Journal of Otology</i> , 2016, 11, 134-137.	0.4	2
104	Mosaic structure effect and superior catalytic performance of AgBr/Ag <sub>2</sub> MoO <sub>4</sub> composite materials. <i>RSC Advances</i> , 2016, 6, 94771-94779.	1.7	13
105	Confined Synthesis of FeS <sub>2</sub> Nanoparticles Encapsulated in Carbon Nanotube Hybrids for Ultrastable Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4251-4255.	3.2	126
106	CsPbBr <sub>3</sub> Perovskite Quantum Dots-Based Monolithic Electrospun Fiber Membrane as an Ultrastable and Ultrasensitive Fluorescent Sensor in Aqueous Medium. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4253-4258.	2.1	137
107	Salt-Templating Protocol To Realize Few-Layered Ultrasmall MoS <sub>2</sub> Nanosheets Inlayed into Carbon Frameworks for Superior Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1148-1153.	3.2	39
108	Aerosol construction of multi-shelled LiMn <sub>2</sub> O <sub>4</sub> hollow microspheres as a cathode in lithium ion batteries. <i>New Journal of Chemistry</i> , 2016, 40, 1839-1844.	1.4	19

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109	Batteries: 2D Monolayer MoS <sub>2</sub> @Carbon Interoverlapped Superstructure: Engineering Ideal Atomic Interface for Lithium Ion Storage (Adv. Mater. 24/2015). Advanced Materials, 2015, 27, 3582-3582.	11.1	6
110	Face-to-Face Contact and Open-Void Coinvolved Si/C Nanohybrids Lithium-Ion Battery Anodes with Extremely Long Cycle Life. Advanced Functional Materials, 2015, 25, 5395-5401.	7.8	85
111	Ultra-Tuning of the Rare-Earth fcu-MOF Aperture Size for Selective Molecular Exclusion of Branched Paraffins. Angewandte Chemie - International Edition, 2015, 54, 14353-14358.	7.2	222
112	2D Monolayer MoS <sub>2</sub> @Carbon Interoverlapped Superstructure: Engineering Ideal Atomic Interface for Lithium Ion Storage. Advanced Materials, 2015, 27, 3687-3695.	11.1	504
113	A graphene/carbon nanotube@I-conjugated polymer nanocomposite for high-performance organic supercapacitor electrodes. Journal of Materials Chemistry A, 2015, 3, 3880-3890.	5.2	58
114	Cationic micelle delivery of Trp2 peptide for efficient lymphatic draining and enhanced cytotoxic T-lymphocyte responses. Journal of Controlled Release, 2015, 200, 1-12.	4.8	84
115	One-step synthesis of SnO <sub>x</sub> nanocrystalline aggregates encapsulated by amorphous TiO <sub>2</sub> as an anode in Li-ion battery. Journal of Materials Chemistry A, 2015, 3, 9982-9988.	5.2	36
116	Ultrafine V <sub>2</sub> O <sub>3</sub> Nanowire Embedded in Carbon Hybrids with Enhanced Lithium Storage Capability. Industrial & Engineering Chemistry Research, 2015, 54, 2960-2965.	1.8	54
117	Tunable Rare Earth fcu-MOF Platform: Access to Adsorption Kinetics Driven Gas/Vapor Separations via Pore Size Contraction. Journal of the American Chemical Society, 2015, 137, 5034-5040.	6.6	308
118	Ultrathin MnO <sub>2</sub> nanoflakes grown on N-doped carbon nanoboxes for high-energy asymmetric supercapacitors. Journal of Materials Chemistry A, 2015, 3, 21337-21342.	5.2	66
119	Sn@Ni <sub>3</sub> Sn <sub>4</sub> embedded nanocable-like carbon hybrids for stable lithium-ion batteries. Chemical Communications, 2015, 51, 16373-16376.	2.2	19
120	Intracellular redox potential-responsive micelles based on polyethylenimine-cystamine-poly( $\mu$ -caprolactone) block copolymer for enhanced miR-34a delivery. Polymer Chemistry, 2015, 6, 1952-1960.	1.9	37
121	Hollow LiMn <sub>2</sub> O <sub>4</sub> Nanocones as Superior Cathode Materials for Lithium-Ion Batteries with Enhanced Power and Cycle Performances. Small, 2014, 10, 1096-1100.	5.2	63
122	Synthesis, microstructure evolution, and mechanical properties of (Cr <sub>1-x</sub> V <sub>x</sub> ) <sub>2</sub> AlC ceramics by in situ hot-pressing method. Journal of Materials Research, 2014, 29, 1168-1174.	1.2	5
123	Graphene supported mesoporous single crystal silicon on Cu foam as a stable lithium-ion battery anode. Journal of Materials Chemistry A, 2014, 2, 16360-16364.	5.2	36
124	Self-assembling few-layer MoS <sub>2</sub> nanosheets on a CNT backbone for high-rate and long-life lithium-ion batteries. RSC Advances, 2014, 4, 40368-40372.	1.7	35
125	Highly compressible magnetic liquid marbles assembled from hydrophobic magnetic chain-like nanoparticles. RSC Advances, 2014, 4, 3162-3164.	1.7	20
126	SnO <sub>2</sub> nanorod@TiO <sub>2</sub> hybrid material for dye-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 8266-8272.	5.2	40



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127	Rational Design of MnO/Carbon Nanopeapods with Internal Void Space for High-Rate and Long-Life Li-Ion Batteries. <i>ACS Nano</i> , 2014, 8, 6038-6046.	7.3	420
128	Highly Stretchable Conductors Integrated with a Conductive Carbon Nanotube/Graphene Network and 3D Porous Poly(dimethylsiloxane). <i>Advanced Functional Materials</i> , 2014, 24, 7548-7556.	7.8	162
129	Nanostructured Ternary Nanocomposite of rGO/CNTs/MnO <sub>2</sub> for High-Rate Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 70-74.	3.2	102
130	Assembly and copper ions detection of highly sensible and stable hydroxyapatite nanocomposite fluorescence probe. <i>Micro and Nano Letters</i> , 2014, 9, 127-131.	0.6	5
131	Hydrothermal synthesis of hollow Mn <sub>2</sub> O <sub>3</sub> nanocones as anode material for Li-ion batteries. <i>RSC Advances</i> , 2013, 3, 19778.	1.7	58
132	Phase-segregation induced growth of core-shell Fe <sub>2</sub> O <sub>3</sub> /SnO <sub>2</sub> heterostructures for lithium-ion battery. <i>CrystEngComm</i> , 2013, 15, 6715.	1.3	27
133	In situ Au-catalyzed fabrication of branch-type SnO <sub>2</sub> nanowires by a continuous gas-phase route for dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13814.	5.2	16
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