

# Hao Jiang

## List of Publications by Year in descending order

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158  
papers

12,626  
citations

28274

55  
h-index

24982

109  
g-index

162  
all docs

162  
docs citations

162  
times ranked

15915  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D carbon based nanostructures for advanced supercapacitors. Energy and Environmental Science, 2013, 6, 41-53.	30.8	1,389
2	Mesoporous Carbon Incorporated Metal Oxide Nanomaterials as Supercapacitor Electrodes. Advanced Materials, 2012, 24, 4197-4202.	21.0	548
3	Hierarchical porous NiCo <sub>2</sub> O <sub>4</sub> nanowires for high-rate supercapacitors. Chemical Communications, 2012, 48, 4465.	4.1	544
4	2D Monolayer MoS <sub>2</sub> â€“Carbon Interoverlapped Superstructure: Engineering Ideal Atomic Interface for Lithium Ion Storage. Advanced Materials, 2015, 27, 3687-3695.	21.0	504
5	Rational Design of MnO/Carbon Nanopeapods with Internal Void Space for High-Rate and Long-Life Li-Ion Batteries. ACS Nano, 2014, 8, 6038-6046.	14.6	420
6	3D Ordered Macroporous MoS <sub>2</sub> @C Nanostructure for Flexible Li-Ion Batteries. Advanced Materials, 2017, 29, 1603020.	21.0	350
7	High-rate electrochemical capacitors from highly graphitic carbon-tipped manganese oxide/mesoporous carbon/manganese oxide hybrid nanowires. Energy and Environmental Science, 2011, 4, 1813.	30.8	315
8	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.	13.7	308
9	A green and high energy density asymmetric supercapacitor based on ultrathin MnO <sub>2</sub> nanostructures and functional mesoporous carbon nanotube electrodes. Nanoscale, 2012, 4, 807-812.	5.6	276
10	High-performance supercapacitor material based on Ni(OH) <sub>2</sub> nanowire-MnO <sub>2</sub> nanoflakes core-shell nanostructures. Chemical Communications, 2012, 48, 2606.	4.1	244
11	Metal-Organic Framework-Based Separators for Enhancing Li-S Battery Stability: Mechanism of Mitigating Polysulfide Diffusion. ACS Energy Letters, 2017, 2, 2362-2367.	17.4	229
12	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.	13.8	222
13	Lymph node targeting strategies to improve vaccination efficacy. Journal of Controlled Release, 2017, 267, 47-56.	9.9	207
14	Atomic heterointerface engineering overcomes the activity limitation of electrocatalysts and promises highly-efficient alkaline water splitting. Energy and Environmental Science, 2021, 14, 5228-5259.	30.8	198
15	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. Advanced Functional Materials, 2018, 28, 1804306.	14.9	194
16	Fluorination-enabled Reconstruction of NiFe Electrocatalysts for Efficient Water Oxidation. Nano Letters, 2021, 21, 492-499.	9.1	190
17	Targeted delivery of low-dose dexamethasone using PCL-PEG micelles for effective treatment of rheumatoid arthritis. Journal of Controlled Release, 2016, 230, 64-72.	9.9	171
18	A reticular chemistry guide for the design of periodic solids. Nature Reviews Materials, 2021, 6, 466-487.	48.7	166

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19	Asymmetric pore windows in MOF membranes for natural gas valorization. <i>Nature</i> , 2022, 606, 706-712.	27.8	163
20	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.	14.9	162
21	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.	11.4	161
22	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.	19.5	159
23	Polyaniline@MnO <sub>2</sub> coaxial nanofiber with hierarchical structure for high-performance supercapacitors. <i>Journal of Materials Chemistry</i> , 2012, 22, 16939.	6.7	157
24	Surface enrichment and diffusion enabling gradient-doping and coating of Ni-rich cathode toward Li-ion batteries. <i>Nature Communications</i> , 2021, 12, 4564.	12.8	153
25	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.	47.7	149
26	CsPbBr <sub>3</sub> Perovskite Quantum Dots-Based Monolithic Electrospun Fiber Membrane as an Ultraprecise and Ultrasensitive Fluorescent Sensor in Aqueous Medium. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4253-4258.	4.6	137
27	Hierarchical porous nanostructures assembled from ultrathin MnO <sub>2</sub> nanoflakes with enhanced supercapacitive performances. <i>Journal of Materials Chemistry</i> , 2012, 22, 2751-2756.	6.7	135
28	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.	13.7	133
29	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.	13.7	129
30	Confined Synthesis of FeS <sub>2</sub> Nanoparticles Encapsulated in Carbon Nanotube Hybrids for Ultraprecise Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4251-4255.	6.7	126
31	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.	19.5	123
32	Tailoring polymeric hybrid micelles with lymph node targeting ability to improve the potency of cancer vaccines. <i>Biomaterials</i> , 2017, 122, 105-113.	11.4	107
33	Applying the Power of Reticular Chemistry to Finding the Missing alb-MOF Platform Based on the (6,12)-Coordinated Edge-Transitive Net. <i>Journal of the American Chemical Society</i> , 2017, 139, 3265-3274.	13.7	104
34	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.	6.7	102
35	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.	10.3	102
36	Cathode Design for Aqueous Rechargeable Multivalent Ion Batteries: Challenges and Opportunities. <i>Advanced Functional Materials</i> , 2021, 31, 21010445.	14.9	102

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37	Enabling stable MnO <sub>2</sub> matrix for aqueous zinc-ion battery cathodes. Journal of Materials Chemistry A, 2020, 8, 22075-22082.	10.3	101
38	Isorecticular rare earth fcu-MOFs for the selective removal of H <sub>2</sub> S from CO <sub>2</sub> containing gases. Chemical Engineering Journal, 2017, 324, 392-396.	12.7	98
39	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.	13.8	98
40	Turning the Old Adjuvant from Gel to Nanoparticles to Amplify CD8 <sup>+</sup> T Cell Responses. Advanced Science, 2018, 5, 1700426.	11.2	93
41	Promoting CO <sub>2</sub> methanation via ligand-stabilized metal oxide clusters as hydrogen-donating motifs. Nature Communications, 2020, 11, 6190.	12.8	93
42	Valuing Metal-Organic Frameworks for Postcombustion Carbon Capture: A Benchmark Study for Evaluating Physical Adsorbents. Advanced Materials, 2017, 29, 1702953.	21.0	88
43	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.	14.9	85
44	Cationic micelle delivery of Trp2 peptide for efficient lymphatic draining and enhanced cytotoxic T-lymphocyte responses. Journal of Controlled Release, 2015, 200, 1-12.	9.9	84
45	Continuous oxygen vacancy engineering of the Co <sub>3</sub> O <sub>4</sub> layer for an enhanced alkaline electrocatalytic hydrogen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 13506-13510.	10.3	78
46	Light-Motivated SnO <sub>2</sub> /TiO <sub>2</sub> Heterojunctions Enabling the Breakthrough in Energy Density for Lithium-Ion Batteries. Advanced Materials, 2021, 33, e2103558.	21.0	73
47	Tailorable surface sulfur chemistry of mesoporous Ni <sub>3</sub> S <sub>2</sub> particles for efficient oxygen evolution. Journal of Materials Chemistry A, 2019, 7, 7548-7552.	10.3	72
48	Positively charged Pt-based cocatalysts: an orientation for achieving efficient photocatalytic water splitting. Journal of Materials Chemistry A, 2020, 8, 17-26.	10.3	71
49	Functional mesoporous carbon nanotubes and their integration in situ with metal nanocrystals for enhanced electrochemical performances. Chemical Communications, 2011, 47, 8590.	4.1	66
50	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.	10.3	66
51	Topology meets MOF chemistry for pore-aperture fine tuning: <i>b</i> -MOF platform for energy-efficient separations <i>via</i> adsorption kinetics or molecular sieving. Chemical Communications, 2018, 54, 6404-6407.	4.1	65
52	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.	10.0	63
53	Kirigami-patterned highly stretchable conductors from flexible carbon nanotube-embedded polymer films. Journal of Materials Chemistry C, 2017, 5, 8714-8722.	5.5	63
54	Integrated Reference Electrodes in Anion-Exchange-Membrane Electrolyzers: Impact of Stainless-Steel Gas-Diffusion Layers and Internal Mechanical Pressure. ACS Energy Letters, 2021, 6, 305-312.	17.4	63

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55	Patterns of human social contact and contact with animals in Shanghai, China. <i>Scientific Reports</i> , 2019, 9, 15141.	3.3	61
56	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.	3.6	58
57	A graphene/carbon nanotube@P-conjugated polymer nanocomposite for high-performance organic supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3880-3890.	10.3	58
58	Ultrafine V <sub>2</sub> O <sub>3</sub> Nanowire Embedded in Carbon Hybrids with Enhanced Lithium Storage Capability. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 2960-2965.	3.7	54
59	Photoassisted Cobalt-Catalyzed Asymmetric Reductive Grignard-Type Addition of Aryl Iodides. <i>Journal of the American Chemical Society</i> , 2022, 144, 8347-8354.	13.7	52
60	Peapod-like nickel@mesoporous carbon core-shell nanowires: a novel electrode material for supercapacitors. <i>RSC Advances</i> , 2011, 1, 954.	3.6	45
61	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.	3.6	45
62	Facile Fabrication of Robust Hydrogen Evolution Electrodes under High Current Densities via Pt@Cu Interactions. <i>Advanced Functional Materials</i> , 2021, 31, 2105579.	14.9	45
63	Triosephosphate isomerase 1 suppresses growth, migration and invasion of hepatocellular carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1048-1053.	2.1	44
64	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.	5.9	43
65	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.	14.9	43
66	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.	13.7	42
67	Extremely Hydrophobic POPs to Access Highly Porous Storage Media and Capturing Agent for Organic Vapors. <i>CheM</i> , 2019, 5, 180-191.	11.7	42
68	Supersaturated bridge-sulfur and vanadium co-doped MoS <sub>2</sub> nanosheet arrays with enhanced sodium storage capability. <i>Nano Research</i> , 2021, 14, 74-80.	10.4	42
69	Hydrothermal synthesis of novel In <sub>2</sub> O <sub>3</sub> microspheres for gas sensors. <i>Chemical Communications</i> , 2009, , 3618.	4.1	41
70	Stable field emission performance from urchin-like ZnO nanostructures. <i>Nanotechnology</i> , 2009, 20, 055706.	2.6	40
71	SnO <sub>2</sub> nanorod@TiO <sub>2</sub> hybrid material for dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8266-8272.	10.3	40
72	2D Metal Chalcogenides Incorporated into Carbon and their Assembly for Energy Storage Applications. <i>Small</i> , 2018, 14, e1800148.	10.0	40

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73	Redox-mediated electrosynthesis of ethylene oxide from CO <sub>2</sub> and water. <i>Nature Catalysis</i> , 2022, 5, 185-192.	34.4	40
74	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.	10.3	39
75	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.	6.7	39
76	A novel antiviral lncRNA, EDAL, shields a T309 O-GlcNAcylation site to promote EZH2 lysosomal degradation. <i>Genome Biology</i> , 2020, 21, 228.	8.8	38
77	Intracellular redox potential-responsive micelles based on polyethylenimine-cystamine-poly( $\mu$ -caprolactone) block copolymer for enhanced miR-34a delivery. <i>Polymer Chemistry</i> , 2015, 6, 1952-1960.	3.9	37
78	Graphene supported mesoporous single crystal silicon on Cu foam as a stable lithium-ion battery anode. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16360-16364.	10.3	36
79	One-step synthesis of SnO <sub>x</sub> nanocrystalline aggregates encapsulated by amorphous TiO <sub>2</sub> as an anode in Li-ion battery. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9982-9988.	10.3	36
80	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.	3.4	36
81	Stable Core Shell Co <sub>3</sub> Fe <sub>7</sub> CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles Synthesized via Flame Spray Pyrolysis Approach. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 11157-11162.	3.7	35
82	Self-assembling few-layer MoS <sub>2</sub> nanosheets on a CNT backbone for high-rate and long-life lithium-ion batteries. <i>RSC Advances</i> , 2014, 4, 40368-40372.	3.6	35
83	<i>&lt;i&gt;110th Anniversary:&lt;/i&gt;</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.	3.7	33
84	Mixed Solvents Assisted Flame Spray Pyrolysis Synthesis of TiO <sub>2</sub> Hierarchically Porous Hollow Spheres for Dye-Sensitized Solar Cells. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 11029-11035.	3.7	32
85	Minimal edge-transitive nets for the design and construction of metal-organic frameworks. <i>Faraday Discussions</i> , 2017, 201, 127-143.	3.2	32
86	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.	13.7	31
87	Extension of Surface Organometallic Chemistry to Metal-Organic Frameworks: Development of a Well-Defined Single Site [( $\mu_3$ -O)W( $\mu$ -O)(CH <sub>2</sub> ) <sup>sup</sup> <i>&lt;i&gt;t&lt;/i&gt;Bu)<sub>3</sub>] Olefin Metathesis Catalyst. <i>Journal of the American Chemical Society</i>, 2020, 142, 16690-16703.</i>	13.7	31
88	Edge-enriched MoS <sub>2</sub> @C/rGO film as self-standing anodes for high-capacity and long-life lithium-ion batteries. <i>Science China Materials</i> , 2021, 64, 96-104.	6.3	30
89	Dietary Keratan Sulfate from Shark Cartilage Modulates Gut Microbiota and Increases the Abundance of Lactobacillus spp.. <i>Marine Drugs</i> , 2016, 14, 224.	4.6	29
90	Gangliosides profiling in serum of breast cancer patient: GM3 as a potential diagnostic biomarker. <i>Glycoconjugate Journal</i> , 2019, 36, 419-428.	2.7	29

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91	Heterogeneous MoSe <sub>2</sub> /Nitrogen-Doped-Carbon Nanoarrays: Engineering Atomic Interface for Potassium-Ion Storage. <i>Advanced Functional Materials</i> , 2022, 32, 2110223.	14.9	29
92	L1 <sub>2</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.	8.0	28
93	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.	2.6	27
94	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.	10.3	27
95	Comprehensive N-Glycome Profiling of Cells and Tissues for Breast Cancer Diagnosis. <i>Journal of Proteome Research</i> , 2019, 18, 2559-2570.	3.7	26
96	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.	7.8	26
97	Isolated ultrasmall Bi nanosheets for efficient CO <sub>2</sub> -to-formate electroreduction. <i>Nano Research</i> , 2022, 15, 1409-1414.	10.4	26
98	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.	14.5	25
99	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.	10.4	24
100	High-damping polyurethane/hollow glass microspheres sound insulation materials: Preparation and characterization. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49970.	2.6	23
101	Construction of core-shell Fe <sub>2</sub> O <sub>3</sub> @SnO <sub>2</sub> nanohybrids for gas sensors by a simple flame-assisted spray process. <i>RSC Advances</i> , 2013, 3, 22373.	3.6	21
102	Engineering the outermost layers of TiO <sub>2</sub> nanoparticles using in situ Mg doping in a flame aerosol reactor. <i>AIChE Journal</i> , 2017, 63, 870-880.	3.6	21
103	Aluminum nanoparticles deliver a dual-epitope peptide for enhanced anti-tumor immunotherapy. <i>Journal of Controlled Release</i> , 2022, 344, 134-146.	9.9	21
104	Highly compressible magnetic liquid marbles assembled from hydrophobic magnetic chain-like nanoparticles. <i>RSC Advances</i> , 2014, 4, 3162-3164.	3.6	20
105	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.	6.3	20
106	Optimizing SnO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> Hetero-Nanocrystals Toward Rapid and Highly Reversible Lithium Storage. <i>Small</i> , 2021, 17, e2103532.	10.0	20
107	Sn@Ni <sub>3</sub> Sn <sub>4</sub> embedded nanocable-like carbon hybrids for stable lithium-ion batteries. <i>Chemical Communications</i> , 2015, 51, 16373-16376.	4.1	19
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.	2.8	19

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109	Mesoporous Carbon Incorporated Metal Oxide Nanomaterials as Supercapacitor Electrodes (Adv.) Tj ETQq1 1 0.784314 rgBT/Overlo	21.0	18
110	Low full-cell voltage driven high-current-density selective paired formate electrosynthesis. Journal of Materials Chemistry A, 2022, 10, 1329-1335.	10.3	18
111	Enhancing electrocatalytic $\text{N}_2$ reduction via tailoring the electric double layers. AIChE Journal, 2022, 68, .	3.6	17
112	In situ Au-catalyzed fabrication of branch-type $\text{SnO}_2$ nanowires by a continuous gas-phase route for dye-sensitized solar cells. Journal of Materials Chemistry A, 2013, 1, 13814.	10.3	16
113	Large-scale, uniform, single-crystalline $\text{Cd}(\text{OH})_2$ hexagonal platelets for Cd-based functional applications. CrystEngComm, 2010, 12, 1726.	2.6	15
114	RDFNet: A Fast Caries Detection Method Incorporating Transformer Mechanism. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-9.	1.3	15
115	Toward High-Performance $\text{CO}_2$ Electroreduction via Linker Tuning on MOF-Derived Catalysts. Small, 2022, 18, e2200720.	10.0	15
116	Introducing the Solvent $\text{Co}^{2+}$ Intercalation Mechanism for Hard Carbon with Ultrafast Sodium Storage. Small, 2022, 18, e2108092.	10.0	14
117	Mosaic structure effect and superior catalytic performance of $\text{AgBr}/\text{Ag}_2\text{MoO}_4$ composite materials. RSC Advances, 2016, 6, 94771-94779.	3.6	13
118	Construction of Nanoreactors Combining Two-Dimensional Hexagonal Boron Nitride (h-BN) Coating with $\text{Pt}/\text{Al}_2\text{O}_3$ Catalyst toward Efficient Catalysis for $\text{CO}$ Oxidation. Industrial & Engineering Chemistry Research, 2018, 57, 13353-13361.	3.7	13
119	Nanospace Confinement Synthesis: Designing High-Energy Anode Materials toward Ultrastable Lithium-Ion Batteries. Small, 2020, 16, e2002351.	10.0	13
120	Rectangular or square, tapered, and single-crystal $\text{PbTe}$ nanotubes. Journal of Materials Chemistry, 2009, 19, 3063.	6.7	12
121	$\text{Zn}/\text{Si}$ side-to-side biaxial nanowire heterostructures with improved luminescence. Journal of Materials Chemistry, 2009, 19, 7011.	6.7	12
122	Functional mesoporous carbon-coated CNT network for high-performance supercapacitors. New Journal of Chemistry, 2013, 37, 1294.	2.8	12
123	Rich Bismuth-Oxygen Bonds in Bismuth Derivatives from $\text{Bi}_2\text{S}_3$ Pre-Catalysts Promote the Electrochemical Reduction of $\text{CO}_2$ . ChemElectroChem, 2020, 7, 2864-2868.	3.4	12
124	Dual Rate-Modulation Approach for the Preparation of Crystalline Covalent Triazine Frameworks Displaying Efficient Sodium Storage. ACS Macro Letters, 2022, 11, 60-65.	4.8	12
125	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.	3.8	11
126	Derived $\text{CuSn}$ Alloys from Heterointerfaces in Bimetallic Oxides Promote the $\text{CO}_2$ Electroreduction to Formate. ChemElectroChem, 2021, 8, 1150-1155.	3.4	11



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127	Electricity generation from water evaporation through highly conductive carbonized wood with abundant hydroxyls. <i>Sustainable Energy and Fuels</i> , 2022, 6, 2249-2255.	4.9	11
128	BiPO <sub>4</sub> -Derived 2D Nanosheets for Efficient Electrocatalytic Reduction of CO <sub>2</sub> to Liquid Fuel. <i>Angewandte Chemie</i> , 2021, 133, 7759-7763.	2.0	10
129	Regulating Steric Hindrance in Redox-Active Porous Organic Frameworks Achieves Enhanced Sodium Storage Performance. <i>Small</i> , 2022, 18, e2105927.	10.0	10
130	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. <i>ACS Applied Energy Materials</i> , 2022, 5, 2112-2120.	5.1	10
131	Enhancing Surface and Crystal Stability of the Ni-High NCA Cathode for High-Energy and Durable Lithium-Ion Batteries. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 2817-2824.	3.7	10
132	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.	8.0	8
133	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.	3.7	8
134	Uniform, thin and continuous graphitic carbon tubular coatings on CdS nanowires. <i>Journal of Materials Chemistry</i> , 2009, 19, 1093.	6.7	7
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