Jinhui Zhu

List of Publications by Year
in descending order

160 papers	18,574 citations	18482 62 h-index	11939 134 g-index
169 all docs	169 docs citations	169 times ranked	19211 citing authors

#	Article	IF	Citations
1	Interface Engineering of MoS₂/Ni₃S₂ Heterostructures for Highly Enhanced Electrochemical Overallâ€Waterâ€Splitting Activity. Angewandte Chemie - International Edition, 2016, 55, 6702-6707.	13.8	1,159
2	Hierarchically porous carbons with optimized nitrogen doping as highly active electrocatalysts for oxygen reduction. Nature Communications, 2014, 5, 4973.	12.8	921
3	Efficient hydrogen production on MoNi4 electrocatalysts with fast water dissociation kinetics. Nature Communications, 2017, 8, 15437.	12.8	813
4	Vertically oriented cobalt selenide/NiFe layered-double-hydroxide nanosheets supported on exfoliated graphene foil: an efficient 3D electrode for overall water splitting. Energy and Environmental Science, 2016, 9, 478-483.	30.8	774
5	Boosting Oxygen Reduction of Single Iron Active Sites via Geometric and Electronic Engineering: Nitrogen and Phosphorus Dual Coordination. Journal of the American Chemical Society, 2020, 142, 2404-2412.	13.7	680
6	Accelerated Hydrogen Evolution Kinetics on NiFeâ€Layered Double Hydroxide Electrocatalysts by Tailoring Water Dissociation Active Sites. Advanced Materials, 2018, 30, 1706279.	21.0	601
7	Engineering water dissociation sites in MoS₂ nanosheets for accelerated electrocatalytic hydrogen production. Energy and Environmental Science, 2016, 9, 2789-2793.	30.8	503
8	Twoâ€Dimensional Soft Nanomaterials: A Fascinating World of Materials. Advanced Materials, 2015, 27, 403-427.	21.0	437
9	Atomically dispersed nickelâ€“nitrogenâ€“sulfur species anchored on porous carbon nanosheets for efficient water oxidation. Nature Communications, 2019, 10, 1392.	12.8	424
10	Efficient alkaline hydrogen evolution on atomically dispersed Niâ€“N_x Species anchored porous carbon with embedded Ni nanoparticles by accelerating water dissociation kinetics. Energy and Environmental Science, 2019, 12, 149-156.	30.8	416
11	Interface Engineering of MoS₂/Ni₃S₂ Heterostructures for Highly Enhanced Electrochemical Overallâ€Waterâ€Splitting Activity. Angewandte Chemie, 2016, 128, 6814-6819.	2.0	403
12	Nitrogenâ€Doped Porous Carbon Superstructures Derived from Hierarchical Assembly of Polyimide Nanosheets. Advanced Materials, 2016, 28, 1981-1987.	21.0	390
13	Two-dimensional materials for miniaturized energy storage devices: from individual devices to smart integrated systems. Chemical Society Reviews, 2018, 47, 7426-7451.	38.1	384
14	Flexible Allâ€Solidâ€State Supercapacitors with High Volumetric Capacitances Boosted by Solution Processable MXene and Electrochemically Exfoliated Graphene. Advanced Energy Materials, 2017, 7, 1601847.	19.5	379
15	Molybdenum Carbide-Embedded Nitrogen-Doped Porous Carbon Nanosheets as Electrocatalysts for Water Splitting in Alkaline Media. ACS Nano, 2017, 11, 3933-3942.	14.6	367
16	A two-dimensional conjugated polymer framework with fully sp²-bonded carbon skeleton. Polymer Chemistry, 2016, 7, 4176-4181.	3.9	350
17	Scalable Fabrication and Integration of Graphene Microsupercapacitors through Full Inkjet Printing. ACS Nano, 2017, 11, 8249-8256.	14.6	280
18	A Nitrogenâ€Rich 2D sp²â€Carbonâ€Linked Conjugated Polymer Framework as a Highâ€Performance Cathode for Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2019, 58, 849-853.	13.8	275

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19	Vertically Aligned MoS₂ Nanosheets Patterned on Electrochemically Exfoliated Graphene for Highâ€Performance Lithium and Sodium Storage. Advanced Energy Materials, 2018, 8, 1702254.	19.5	274
20	Synergetic Contribution of Boron and Feâ€"N_{<i>x</i>} Species in Porous Carbons toward Efficient Electrocatalysts for Oxygen Reduction Reaction. ACS Energy Letters, 2018, 3, 252-260.	17.4	269
21	Znâ€Ion Hybrid Microâ€Supercapacitors with Ultrahigh Areal Energy Density and Longâ€Term Durability. Advanced Materials, 2019, 31, e1806005.	21.0	266
22	Integrated Hierarchical Cobalt Sulfide/Nickel Selenide Hybrid Nanosheets as an Efficient Three-dimensional Electrode for Electrochemical and Photoelectrochemical Water Splitting. Nano Letters, 2017, 17, 4202-4209.	9.1	263
23	Graphene Coupled Schiffâ€base Porous Polymers: Towards Nitrogenâ€enriched Porous Carbon Nanosheets with Ultrahigh Electrochemical Capacity. Advanced Materials, 2014, 26, 3081-3086.	21.0	224
24	Twoâ€Dimensional Sandwichâ€Type, Grapheneâ€Based Conjugated Microporous Polymers. Angewandte Chemie - International Edition, 2013, 52, 9668-9672.	13.8	220
25	Ternary Porous Cobalt Phosphoselenide Nanosheets: An Efficient Electrocatalyst for Electrocatalytic and Photoelectrochemical Water Splitting. Advanced Materials, 2017, 29, 1701589.	21.0	219
26	Sulfurâ€Enriched Conjugated Polymer Nanosheet Derived Sulfur and Nitrogen coâ€Doped Porous Carbon Nanosheets as Electrocatalysts for Oxygen Reduction Reaction and Zincâ€"Air Battery. Advanced Functional Materials, 2016, 26, 5893-5902.	14.9	214
27	Conjugated Microporous Polymers with Dimensionalityâ€Controlled Heterostructures for Green Energy Devices. Advanced Materials, 2015, 27, 3789-3796.	21.0	210
28	Atomic Ni Anchored Covalent Triazine Framework as High Efficient Electrocatalyst for Carbon Dioxide Conversion. Advanced Functional Materials, 2019, 29, 1806884.	14.9	210
29	Immobilizing Molecular Metal Dithioleneâ€"Diamine Complexes on 2D Metalâ€"Organic Frameworks for Electrocatalytic H₂ Production. Chemistry - A European Journal, 2017, 23, 2255-2260.	3.3	208
30	Toward a molecular design of porous carbon materials. Materials Today, 2017, 20, 592-610.	14.2	202
31	Viologen-inspired functional materials: synthetic strategies and applications. Journal of Materials Chemistry A, 2019, 7, 23337-23360.	10.3	186
32	Metalâ€Phosphideâ€Containing Porous Carbons Derived from an Ionicâ€Polymer Framework and Applied as Highly Efficient Electrochemical Catalysts for Water Splitting. Advanced Functional Materials, 2015, 25, 3899-3906.	14.9	176
33	In Situ Coupling Strategy for the Preparation of FeCo Alloys and Co₄N Hybrid for Highly Efficient Oxygen Evolution. Advanced Materials, 2017, 29, 1704091.	21.0	165
34	Dualâ€Template Synthesis of 2D Mesoporous Polypyrrole Nanosheets with Controlled Pore Size. Advanced Materials, 2016, 28, 8365-8370.	21.0	163
35	Efficient Electrochemical and Photoelectrochemical Water Splitting by a 3D Nanostructured Carbon Supported on Flexible Exfoliated Graphene Foil. Advanced Materials, 2017, 29, 1604480.	21.0	157
36	Stimulusâ€Responsive Microâ€Supercapacitors with Ultrahigh Energy Density and Reversible Electrochromic Window. Advanced Materials, 2017, 29, 1604491.	21.0	153

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37	A Novel Heterostructure Based on RuMo Nanoalloys and Nâ€doped Carbon as an Efficient Electrocatalyst for the Hydrogen Evolution Reaction. Advanced Materials, 2020, 32, e2005433.	21.0	151
38	Compact Coupled Graphene and Porous Polyaryltriazineâ€Derived Frameworks as High Performance Cathodes for Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2015, 54, 1812-1816.	13.8	142
39	Coordination Polymer Framework Based Onâ€Chip Microâ€Supercapacitors with AC Lineâ€Filtering Performance. Angewandte Chemie - International Edition, 2017, 56, 3920-3924.	13.8	140
40	Substantial Cyanoâ€Substituted Fully <i>sp²</i>â€Carbonâ€Linked Framework: Metalâ€Free Approach and Visibleâ€Lightâ€Driven Hydrogen Evolution. Advanced Functional Materials, 2017, 27, 1703146.	14.9	138
41	Twoâ€Dimensional Coreâ€Shelled Porous Hybrids as Highly Efficient Catalysts for the Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2016, 55, 6858-6863.	13.8	127
42	Polyaniline nanosheet derived B/N co-doped carbon nanosheets as efficient metal-free catalysts for oxygen reduction reaction. Journal of Materials Chemistry A, 2014, 2, 7742.	10.3	124
43	Selfâ€Activating, Capacitive Anion Intercalation Enables Highâ€Power Graphite Cathodes. Advanced Materials, 2018, 30, e1800533.	21.0	121
44	Quantitative Control of Pore Size of Mesoporous Carbon Nanospheres through the Selfâ€Assembly of Diblock Copolymer Micelles in Solution. Small, 2016, 12, 3155-3163.	10.0	117
45	Two-Dimensional Porous Polymers: From Sandwich-like Structure to Layered Skeleton. Accounts of Chemical Research, 2018, 51, 3191-3202.	15.6	108
46	Recent Advances in Earth-Abundant Heterogeneous Electrocatalysts for Photoelectrochemical Water Splitting. Small Methods, 2017, 1, 1700090.	8.6	106
47	Redox gated polymer memristive processing memory unit. Nature Communications, 2019, 10, 736.	12.8	99
48	Twoâ€Dimensional Mesoscaleâ€Ordered Conducting Polymers. Angewandte Chemie - International Edition, 2016, 55, 12516-12521.	13.8	89
49	WS₂â€“Graphite Dual-Ion Batteries. Nano Letters, 2018, 18, 7155-7164.	9.1	88
50	Nitrogen-enriched, ordered mesoporous carbons for potential electrochemical energy storage. Journal of Materials Chemistry A, 2016, 4, 2286-2292.	10.3	84
51	Graphene-directed two-dimensional porous carbon frameworks for high-performance lithiumâ€“sulfur battery cathodes. Journal of Materials Chemistry A, 2016, 4, 314-320.	10.3	83
52	Silicon anodes protected by a nitrogen-doped porous carbon shell for high-performance lithium-ion batteries. Nanoscale, 2017, 9, 8871-8878.	5.6	81
53	Thermoswitchable on-chip microsupercapacitors: one potential self-protection solution for electronic devices. Energy and Environmental Science, 2018, 11, 1717-1722.	30.8	79
54	Recent Advances in RAFT Polymerization: Novel Initiation Mechanisms and Optoelectronic Applications. Polymers, 2018, 10, 318.	4.5	79

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55	Efficient approach to iron/nitrogen co-doped graphene materials as efficient electrochemical catalysts for the oxygen reduction reaction. Journal of Materials Chemistry A, 2015, 3, 7767-7772.	10.3	78
56	Optimizing Microenvironment of Asymmetric N,Sâ€Coordinated Singleâ€Atom Fe via Axial Fifth Coordination toward Efficient Oxygen Electroreduction. Small, 2022, 18, e2105387.	10.0	72
57	Simultaneously Integrate Iron Single Atom and Nanocluster Triggered Tandem Effect for Boosting Oxygen Electroreduction. Small, 2022, 18, e2107225.	10.0	72
58	A Nitrogenâ€Rich 2D sp²â€Carbonâ€Linked Conjugated Polymer Framework as a Highâ€Performance Cathode for Lithiumâ€Ion Batteries. Angewandte Chemie, 2019, 131, 859-863.	2.0	71
59	Boron-Ï€-nitrogen-based conjugated porous polymers with multi-functions. Journal of Materials Chemistry A, 2013, 1, 13878.	10.3	67
60	New nitrogen-rich azo-bridged porphyrin-conjugated microporous networks for high performance of gas capture and storage. RSC Advances, 2016, 6, 30048-30055.	3.6	66
61	Highly Efficient Electrocatalysts for Oxygen Reduction Reaction Based on 1D Ternary Doped Porous Carbons Derived from Carbon Nanotube Directed Conjugated Microporous Polymers. Advanced Functional Materials, 2016, 26, 8255-8265.	14.9	65
62	Dualâ€Graphene Rechargeable Sodium Battery. Small, 2017, 13, 1702449.	10.0	64
63	Charge Transfer Salt and Graphene Heterostructureâ€Based Microâ€Supercapacitors with Alternating Current Lineâ€Filtering Performance. Small, 2019, 15, e1901494.	10.0	64
64	Boron, nitrogen, and phosphorous ternary doped graphene aerogel with hierarchically porous structures as highly efficient electrocatalysts for oxygen reduction reaction. New Journal of Chemistry, 2016, 40, 6022-6029.	2.8	62
65	Interfacial Approach toward Benzeneâ€Bridged Polypyrrole Filmâ€“Based Microâ€Supercapacitors with Ultrahigh Volumetric Power Density. Advanced Functional Materials, 2020, 30, 1908243.	14.9	60
66	Nitrogen-enriched hierarchically porous carbon materials fabricated by graphene aerogel templated Schiff-base chemistry for high performance electrochemical capacitors. Polymer Chemistry, 2015, 6, 1088-1095.	3.9	58
67	Angular BN-Heteroacenes with <i>syn</i>-Structure-Induced Promising Properties as Host Materials of Blue Organic Light-Emitting Diodes. Organic Letters, 2016, 18, 3618-3621.	4.6	57
68	Self-Assembly of Integrated Tubular Microsupercapacitors with Improved Electrochemical Performance and Self-Protective Function. ACS Nano, 2019, 13, 8067-8075.	14.6	57
69	2D polyacrylonitrile brush derived nitrogen-doped carbon nanosheets for high-performance electrocatalysts in oxygen reduction reaction. Polymer Chemistry, 2014, 5, 2057-2064.	3.9	54
70	In situ nanoarchitecturing and active-site engineering toward highly efficient carbonaceous electrocatalysts. Nano Energy, 2019, 59, 207-215.	16.0	54
71	Nano-sandwiched metal hexacyanoferrate/graphene hybrid thin films for in-plane asymmetric micro-supercapacitors with ultrahigh energy density. Materials Horizons, 2019, 6, 1041-1049.	12.2	54
72	Constructing Catalytic Crown Ether-Based Covalent Organic Frameworks for Electroreduction of CO₂. ACS Energy Letters, 2021, 6, 3496-3502.	17.4	53

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73	The art of two-dimensional soft nanomaterials. Science China Chemistry, 2019, 62, 1145-1193.	8.2	52
74	Aromatic azaheterocycle-cored luminogens with tunable physical properties via nitrogen atoms for sensing strong acids. Journal of Materials Chemistry C, 2016, 4, 7640-7648.	5.5	50
75	Azuleneâ€Based Molecules, Polymers, and Frameworks for Optoelectronic and Energy Applications. Small Methods, 2020, 4, 2000628.	8.6	50
76	Cobaloxime anchored MoS₂ nanosheets as electrocatalysts for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 138-144.	10.3	49
77	Synthesis and Properties of <i>C</i>_{<i>2h</i>}-Symmetric BN-Heteroacenes Tailored through Aromatic Central Cores. Journal of Organic Chemistry, 2015, 80, 10127-10133.	3.2	44
78	Quinone-Enriched Conjugated Microporous Polymer as an Organic Cathode for Li-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 9064-9073.	8.0	44
79	Hypercrosslinked porous polymer nanosheets: 2D RAFT agent directed emulsion polymerization for multifunctional applications. Polymer Chemistry, 2015, 6, 7171-7178.	3.9	43
80	Graphene-coupled nitrogen-enriched porous carbon nanosheets for energy storage. Journal of Materials Chemistry A, 2017, 5, 16732-16739.	10.3	42
81	2D Porous Polymers with sp²â€Carbon Connections and Sole sp²â€Carbon Skeletons. Advanced Functional Materials, 2020, 30, 2000857.	14.9	42
82	Chemically Stable Polyarylether-Based Metallophthalocyanine Frameworks with High Carrier Mobilities for Capacitive Energy Storage. Journal of the American Chemical Society, 2021, 143, 17701-17707.	13.7	42
83	Triple Boron-Cored Chromophores Bearing Discotic 5,11,17-Triazatrinaphthylene-Based Ligands. Organic Letters, 2016, 18, 1398-1401.	4.6	40
84	Supercapacitors with alternating current line-filtering performance. BMC Materials, 2020, 2, .	6.8	40
85	BN-heteroacene-cored luminogens with dual channel detection for fluoride anions. Journal of Materials Chemistry C, 2016, 4, 1159-1164.	5.5	37
86	A solution-processable polymer-grafted graphene oxide derivative for nonvolatile rewritable memory. Polymer Chemistry, 2014, 5, 2010-2017.	3.9	36
87	Cross-linked polymer-derived B/N co-doped carbon materials with selective capture of CO2. Journal of Materials Chemistry A, 2015, 3, 23352-23359.	10.3	36
88	Inkjet Printed Disposable Highâ€Rate Onâ€Paper Microsupercapacitors. Advanced Functional Materials, 2022, 32, 2108773.	14.9	36
89	Sulfur-anchored azulene as a cathode material for Liâ€“S batteries. Chemical Communications, 2019, 55, 9047-9050.	4.1	31
90	Precise Control of Ï€-Electron Magnetism in Metal-Free Porphyrins. Journal of the American Chemical Society, 2020, 142, 18532-18540.	13.7	31

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91	Polyaryletherâ€Based 2D Covalentâ€Organic Frameworks with Inâ€Plane Dâ€"A Structures and Tunable Energy Levels for Energy Storage. Advanced Science, 2022, 9, e2104898.	11.2	31
92	Recent Advances in Boron-Containing Conjugated Porous Polymers. Polymers, 2016, 8, 191.	4.5	30
93	2D Heterostructures Derived from MoS₂â€Templated, Cobaltâ€Containing Conjugated Microporous Polymer Sandwiches for the Oxygen Reduction Reaction and Electrochemical Energy Storage. ChemElectroChem, 2017, 4, 709-715.	3.4	30
94	Electrochemical reduction of carbon dioxide with nearly 100% carbon monoxide faradaic efficiency from vacancy-stabilized single-atom active sites. Journal of Materials Chemistry A, 2021, 9, 24955-24962.	10.3	30
95	Quantum Capacitance through Molecular Infiltration of 7,7,8,8-Tetracyanoquinodimethane in Metalâ€"Organic Framework/Covalent Organic Framework Hybrids. ACS Nano, 2021, 15, 18580-18589.	14.6	30
96	One-pot approach to Pd-loaded porous polymers with properties tunable by the oxidation state of the phosphorus core. Polymer Chemistry, 2015, 6, 6351-6357.	3.9	29
97	Anionic porous polymers with tunable structures and catalytic properties. Journal of Materials Chemistry A, 2016, 4, 15162-15168.	10.3	29
98	Pyrolyzed Triazine-Based Nanoporous Frameworks Enable Electrochemical CO₂ Reduction in Water. ACS Applied Materials & Interfaces, 2018, 10, 43588-43594.	8.0	29
99	Regulation of Crystallinity and Vertical Phase Separation Enables Highâ€Efficiency Thick Organic Solar Cells. Advanced Functional Materials, 2022, 32, .	14.9	29
100	Hollow-structured conjugated porous polymer derived Iron/Nitrogen-codoped hierarchical porous carbons as highly efficient electrocatalysts. Journal of Colloid and Interface Science, 2017, 497, 108-116.	9.4	28
101	Siliconâ€Compatible Carbonâ€Based Microâ€Supercapacitors. Angewandte Chemie - International Edition, 2016, 55, 6136-6138.	13.8	27
102	Viologenâ€Hypercrosslinked Ionic Porous Polymer Films as Active Layers for Electronic and Energy Storage Devices. Advanced Materials Interfaces, 2018, 5, 1701679.	3.7	27
103	Multiwalled carbon nanotubes covalently functionalized with poly(<i>N</i>â€vinylcarbazole) via RAFT polymerization: Synthesis and nonliner optical properties. Journal of Polymer Science Part A, 2010, 48, 3161-3168.	2.3	25
104	Template-directed approach to two-dimensional molybdenum phosphideâ€"carbon nanocomposites with high catalytic activities in the hydrogen evolution reaction. New Journal of Chemistry, 2016, 40, 6015-6021.	2.8	25
105	Regulating the Spin State of Nickel in Molecular Catalysts for Boosting Carbon Dioxide Reduction. ACS Applied Energy Materials, 2021, 4, 2891-2898.	5.1	25
106	Tungsten Oxide/Reduced Graphene Oxide Aerogel with Lowâ€Content Platinum as Highâ€Performance Electrocatalyst for Hydrogen Evolution Reaction. Small, 2021, 17, e2102159.	10.0	24
107	Twoâ€Dimensional Coreâ€Shelled Porous Hybrids as Highly Efficient Catalysts for the Oxygen Reduction Reaction. Angewandte Chemie, 2016, 128, 6972-6977.	2.0	23
108	Enhanced Antifouling and Anticorrosion Properties of Stainless Steel by Biomimetic Anchoring PEGDMA-Cross-Linking Polycationic Brushes. Industrial & Engineering Chemistry Research, 2019, 58, 7107-7119.	3.7	23

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109	CoN₅ Sites Constructed by Anchoring Co Porphyrins on Vinyleneâ€Linked Covalent Organic Frameworks for Electroreduction of Carbon Dioxide. Small, 2022, 18, .	10.0	23
110	Coordination Polymer Framework Based Onâ€Chip Microâ€Supercapacitors with AC Lineâ€Filtering Performance. Angewandte Chemie, 2017, 129, 3978-3982.	2.0	22
111	An interfacial engineering approach towards two-dimensional porous carbon hybrids for high performance energy storage and conversion. Journal of Materials Chemistry A, 2017, 5, 1567-1574.	10.3	22
112	B/N-Enriched Semi-Conductive Polymer Film for Micro-Supercapacitors with AC Line-Filtering Performance. Langmuir, 2021, 37, 2523-2531.	3.5	22
113	Resistance-Switchable Graphene Oxide-Polymer Nanocomposites for Molecular Electronics. ChemElectroChem, 2014, 1, 514-519.	3.4	21
114	Twoâ€Dimensional Mesoscaleâ€Ordered Conducting Polymers. Angewandte Chemie, 2016, 128, 12704-12709.	2.0	21
115	Ultrathin PTAA interlayer in conjunction with azulene derivatives for the fabrication of inverted perovskite solar cells. Journal of Materials Chemistry C, 2021, 9, 14709-14719.	5.5	21
116	Atomic Ni and Cu co-anchored 3D nanoporous graphene as an efficient oxygen reduction electrocatalyst for zincâ€“air batteries. Nanoscale, 2021, 13, 10862-10870.	5.6	21
117	Interactions and Translational Dynamics of Phosphatidylinositol Bisphosphate (PIP₂) Lipids in Asymmetric Lipid Bilayers. Langmuir, 2016, 32, 1732-1741.	3.5	20
118	Recovered Carbon from Coal Gasification Fine Slag as Electrocatalyst for Oxygen Reduction Reaction and Zincâ€“Air Battery. Energy Technology, 2021, 9, 2000890.	3.8	20
119	Catecholâ€Coordinated Framework Filmâ€based Microâ€Supercapacitors with AC Line Filtering Performance. Chemistry - A European Journal, 2021, 27, 6340-6347.	3.3	20
120	Boosting the electronic and catalytic properties of 2D semiconductors with supramolecular 2D hydrogen-bonded superlattices. Nature Communications, 2022, 13, 510.	12.8	19
121	Coreâ€“Shell Structured Feâ€“Nâ€“C Catalysts with Enriched Iron Sites in Surface Layers for Proton-Exchange Membrane Fuel Cells. ACS Catalysis, 2022, 12, 6409-6417.	11.2	19
122	Cobalt/nitrogen co-doped porous carbon nanosheets as highly efficient catalysts for the oxygen reduction reaction in both basic and acidic media. RSC Advances, 2016, 6, 82341-82347.	3.6	18
123	Cobalt-Doped Porous Carbon Nanosheets Derived from 2D Hypercrosslinked Polymer with CoN4 for High Performance Electrochemical Capacitors. Polymers, 2018, 10, 1339.	4.5	17
124	Supramolecular Proton Conductors Self-Assembled by Organic Cages. Jacs Au, 2022, 2, 819-826.	7.9	17
125	Toward Activity Origin of Electrocatalytic Hydrogen Evolution Reaction on Carbonâ€Rich Crystalline Coordination Polymers. Small, 2017, 13, 1700783.	10.0	16
126	A Terpyridine-Fe2+-Based Coordination Polymer Film for On-Chip Micro-Supercapacitor with AC Line-Filtering Performance. Polymers, 2021, 13, 1002.	4.5	16

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127	Sulfur-doped porous carbon nanosheets as high performance electrocatalysts for PhotoFuelCells. RSC Advances, 2015, 5, 27953-27963.	3.6	15
128	A class of organic cages featuring twin cavities. Nature Communications, 2021, 12, 6124.	12.8	15
129	In Situ Synthesis and Characterization of Poly(aryleneethynylene)â€Grafted Reduced Graphene Oxide. Chemistry - A European Journal, 2016, 22, 2247-2252.	3.3	14
130	Rational Control of Topological Defects in Porous Carbon for Highâ€Efficiency Carbon Dioxide Conversion. Advanced Materials Interfaces, 2021, 8, 2100051.	3.7	14
131	High-entropy carbons: From high-entropy aromatic species to single-atom catalysts for electrocatalysis. Chemical Engineering Journal, 2021, 426, 131320.	12.7	14
132	Azulene-bridged coordinated framework based quasi-molecular rectifier. Journal of Materials Chemistry C, 2017, 5, 2223-2229.	5.5	13
133	Polymer nanosheets derived porous carbon nanosheets as high efficient electrocatalysts for oxygen reduction reaction. Journal of Colloid and Interface Science, 2018, 516, 9-15.	9.4	13
134	Interfacial synthesis of crystalline quasi-two-dimensional polyaniline thin films for high-performance flexible on-chip micro-supercapacitors. Chinese Chemical Letters, 2022, 33, 3921-3924.	9.0	13
135	Ionic Polyimide Derived Porous Carbon Nanosheets as Highâ€Efficiency Oxygen Reduction Catalysts for Znâ€"Air Batteries. Chemistry - A European Journal, 2020, 26, 6525-6534.	3.3	11
136	Perovskite oxide and polyazuleneâ€"based heterostructure for highâ€"performance supercapacitors. Journal of Applied Polymer Science, 2021, 138, 51198.	2.6	11
137	S-enriched porous polymer derived N-doped porous carbons for electrochemical energy storage and conversion. Frontiers of Chemical Science and Engineering, 2018, 12, 346-357.	4.4	9
138	Musselâ€Inspired Nitrogenâ€Doped Porous Carbon as Anode Materials for Sodiumâ€Ion Batteries. Energy Technology, 2019, 7, 1800763.	3.8	9
139	Microporous Sulfur-Doped Carbon Atoms as Supports for Sintering-Resistant Platinum Nanocluster Catalysts. ACS Applied Nano Materials, 2021, 4, 9489-9496.	5.0	9
140	Porphyrinic conjugated microporous polymer anode for Li-ion batteries. Journal of Power Sources, 2022, 531, 231340.	7.8	9
141	Iron clusters boosted performance in electrocatalytic carbon dioxide conversion. Journal of Materials Chemistry A, 2020, 8, 21661-21667.	10.3	8
142	N-confused porphyrin-based conjugated microporous polymers. Chemical Communications, 2022, 58, 2339-2342.	4.1	8
143	Platinum Atoms and Nanoparticles Embedded Porous Carbons for Hydrogen Evolution Reaction. Materials, 2020, 13, 1513.	2.9	7
144	Ionothermally synthesized hierarchical porous Schiff-base-type polymeric networks with ultrahigh specific surface area for supercapacitors. RSC Advances, 2017, 7, 19934-19939.	3.6	6

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145	Spectroscopic Evidence of New Low-Dimensional Planar Carbon Allotropes Based on Biphenylene via On-Surface Ullmann Coupling. Chemistry, 2021, 3, 1057-1062.	2.2	6
146	Modulating intramolecular electron and proton transfer kinetics for promoting carbon dioxide conversion. Chemical Communications, 2022, 58, 1966-1969.	4.1	6
147	A Narrow Bandgap, Isocyanideâ€Based Coordination Polymer Framework for Microâ€Supercapacitors with AC Lineâ€Filtering Performance. Macromolecular Chemistry and Physics, 2022, 223, .	2.2	5
148	Selfâ€Assembly Approach Towards MoS 2 â€Embedded Hierarchical Porous Carbons for Enhanced Electrocatalytic Hydrogen Evolution. Chemistry - A European Journal, 2021, 27, 2155-2164.	3.3	4
149	Facile fabrication of graphene-based high-performance microsupercapacitors operating at a high temperature of 150 Â°C. Nanoscale Advances, 2021, 3, 4674-4679.	4.6	4
150	A novel twoâ€dimensional conjugated coordination framework with a narrow bandgap for microâ€supercapacitors. Energy Technology, 0, , .	3.8	4
151	Tertiary amine-functionalized Co(II) porphyrin to enhance the electrochemical CO2 reduction activity. Journal of Materials Science, 2022, 57, 10129-10140.	3.7	4
152	A sulfur-containing polymer-plasticized poly(ethylene oxide)-based electrolyte enables highly effective lithium dendrite suppression. Journal of Materials Chemistry A, 2022, 10, 14849-14856.	10.3	4
153	Molecular Engineering of Co ^{II} Porphyrins with Asymmetric Architecture for Improved Electrochemical CO ₂ Reduction. ChemSusChem, 2022, , .	6.8	3
154	Siliciumâ€kompatible Mikroâ€Superkondensatoren. Angewandte Chemie, 2016, 128, 6244-6246.	2.0	2
155	A Ï€-extended luminogen with colorimetric and off/on fluorescent multi-channel detection for Cu²⁺ with extremely high selectivity and sensitivity via nonarylamine-based organic mixed valence. RSC Advances, 2016, 6, 76691-76695.	3.6	2
156	Enhancing charge separation in conjugated microporous polymers for efficient photocatalytic hydrogen evolution. Materials Advances, 2021, 2, 7379-7383.	5.4	2
157	One-step preparation of novel conjugated porous polymer with tubular structure. Science China Chemistry, 2013, 56, 1112-1118.	8.2	1
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