Jinhui Zhu

List of Publications by Citations

158 papers	13,575 citations	55 h-index	115 g-index
169 ext. papers	16,094 ext. citations	11.6 avg, IF	6.84 L-index

#	Paper	IF	Citations
158	Interface Engineering of MoS2 /Ni3 S2 Heterostructures for Highly Enhanced Electrochemical Overall-Water-Splitting Activity. *Angewandte Chemie - International Edition*, **2016**, 55, 6702-7	16.4	896
157	Hierarchically porous carbons with optimized nitrogen doping as highly active electrocatalysts for oxygen reduction. *Nature Communications*, **2014**, 5, 4973	17.4	808
156	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	35.4	646
155	Efficient hydrogen production on MoNi electrocatalysts with fast water dissociation kinetics. *Nature Communications*, **2017**, 8, 15437	17.4	583
154	Accelerated Hydrogen Evolution Kinetics on NiFe-Layered Double Hydroxide Electrocatalysts by Tailoring Water Dissociation Active Sites. *Advanced Materials*, **2018**, 30, 1706279	24	390
153	Engineering water dissociation sites in MoS2 nanosheets for accelerated electrocatalytic hydrogen production. *Energy and Environmental Science*, **2016**, 9, 2789-2793	35.4	386
152	Two-dimensional soft nanomaterials: a fascinating world of materials. *Advanced Materials*, **2015**, 27, 403-27	24	374
151	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	16.4	317
150	Interface Engineering of MoS2/Ni3S2 Heterostructures for Highly Enhanced Electrochemical Overall-Water-Splitting Activity. *Angewandte Chemie*, **2016**, 128, 6814-6819	3.6	315
149	Nitrogen-Doped Porous Carbon Superstructures Derived from Hierarchical Assembly of Polyimide Nanosheets. *Advanced Materials*, **2016**, 28, 1981-7	24	313
148	Molybdenum Carbide-Embedded Nitrogen-Doped Porous Carbon Nanosheets as Electrocatalysts for Water Splitting in Alkaline Media. *ACS Nano*, **2017**, 11, 3933-3942	16.7	302
147	Efficient alkaline hydrogen evolution on atomically dispersed Ni–Nx Species anchored porous carbon with embedded Ni nanoparticles by accelerating water dissociation kinetics. *Energy and Environmental Science*, **2019**, 12, 149-156	35.4	299
146	Flexible All-Solid-State Supercapacitors with High Volumetric Capacitances Boosted by Solution Processable MXene and Electrochemically Exfoliated Graphene. *Advanced Energy Materials*, **2017**, 7, 1601847	21.8	298
145	Atomically dispersed nickel-nitrogen-sulfur species anchored on porous carbon nanosheets for efficient water oxidation. *Nature Communications*, **2019**, 10, 1392	17.4	280
144	Two-dimensional materials for miniaturized energy storage devices: from individual devices to smart integrated systems. *Chemical Society Reviews*, **2018**, 47, 7426-7451	58.5	270
143	Vertically Aligned MoS2 Nanosheets Patterned on Electrochemically Exfoliated Graphene for High-Performance Lithium and Sodium Storage. *Advanced Energy Materials*, **2018**, 8, 1702254	21.8	234
142	A two-dimensional conjugated polymer framework with fully sp2-bonded carbon skeleton. *Polymer Chemistry*, **2016**, 7, 4176-4181	4.9	222

141	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	11.5	216
140	Nitrogen-Doped Carbon Nanosheets with Size-Defined Mesopores as Highly Efficient Metal-Free Catalyst for the Oxygen Reduction Reaction. *Angewandte Chemie*, **2014**, 126, 1596-1600	3.6	208
139	Graphene coupled Schiff-base porous polymers: towards nitrogen-enriched porous carbon nanosheets with ultrahigh electrochemical capacity. *Advanced Materials*, **2014**, 26, 3081-6	24	207
138	Scalable Fabrication and Integration of Graphene Microsupercapacitors through Full Inkjet Printing. *ACS Nano*, **2017**, 11, 8249-8256	16.7	204
137	Two-dimensional sandwich-type, graphene-based conjugated microporous polymers. *Angewandte Chemie - International Edition*, **2013**, 52, 9668-72	16.4	194
136	Ternary Porous Cobalt Phosphoselenide Nanosheets: An Efficient Electrocatalyst for Electrocatalytic and Photoelectrochemical Water Splitting. *Advanced Materials*, **2017**, 29, 1701589	24	192
135	Sulfur-Enriched Conjugated Polymer Nanosheet Derived Sulfur and Nitrogen co-Doped Porous Carbon Nanosheets as Electrocatalysts for Oxygen Reduction Reaction and Zinc–Air Battery. *Advanced Functional Materials*, **2016**, 26, 5893-5902	15.6	189
134	Synergetic Contribution of Boron and Fe–Nx Species in Porous Carbons toward Efficient Electrocatalysts for Oxygen Reduction Reaction. *ACS Energy Letters*, **2018**, 3, 252-260	20.1	184
133	Conjugated microporous polymers with dimensionality-controlled heterostructures for green energy devices. *Advanced Materials*, **2015**, 27, 3789-96	24	176
132	Zn-Ion Hybrid Micro-Supercapacitors with Ultrahigh Areal Energy Density and Long-Term Durability. *Advanced Materials*, **2019**, 31, e1806005	24	168
131	A Nitrogen-Rich 2D sp -Carbon-Linked Conjugated Polymer Framework as a High-Performance Cathode for Lithium-Ion Batteries. *Angewandte Chemie - International Edition*, **2019**, 58, 849-853	16.4	164
130	Metal-Phosphide-Containing Porous Carbons Derived from an Ionic-Polymer Framework and Applied as Highly Efficient Electrochemical Catalysts for Water Splitting. *Advanced Functional Materials*, **2015**, 25, 3899-3906	15.6	159
129	Immobilizing Molecular Metal Dithiolene-Diamine Complexes on 2D Metal-Organic Frameworks for Electrocatalytic H Production. *Chemistry - A European Journal*, **2017**, 23, 2255-2260	4.8	154
128	Toward a molecular design of porous carbon materials. *Materials Today*, **2017**, 20, 592-610	21.8	146
127	Atomic Ni Anchored Covalent Triazine Framework as High Efficient Electrocatalyst for Carbon Dioxide Conversion. *Advanced Functional Materials*, **2019**, 29, 1806884	15.6	139
126	Efficient Electrochemical and Photoelectrochemical Water Splitting by a 3D Nanostructured Carbon Supported on Flexible Exfoliated Graphene Foil. *Advanced Materials*, **2017**, 29, 1604480	24	139
125	In Situ Coupling Strategy for the Preparation of FeCo Alloys and Co N Hybrid for Highly Efficient Oxygen Evolution. *Advanced Materials*, **2017**, 29, 1704091	24	136
124	Compact coupled graphene and porous polyaryltriazine-derived frameworks as high performance cathodes for lithium-ion batteries. *Angewandte Chemie - International Edition*, **2015**, 54, 1812-6	16.4	125

123	Stimulus-Responsive Micro-Supercapacitors with Ultrahigh Energy Density and Reversible Electrochromic Window. *Advanced Materials*, **2017**, 29, 1604491	24	122
122	Dual-Template Synthesis of 2D Mesoporous Polypyrrole Nanosheets with Controlled Pore Size. *Advanced Materials*, **2016**, 28, 8365-8370	24	119
121	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	13	118
120	Two-Dimensional Core-Shelled Porous Hybrids as Highly Efficient Catalysts for the Oxygen Reduction Reaction. *Angewandte Chemie - International Edition*, **2016**, 55, 6858-63	16.4	111
119	Coordination Polymer Framework Based On-Chip Micro-Supercapacitors with AC Line-Filtering Performance. *Angewandte Chemie - International Edition*, **2017**, 56, 3920-3924	16.4	110
118	Substantial Cyano-Substituted Fully sp2-Carbon-Linked Framework: Metal-Free Approach and Visible-Light-Driven Hydrogen Evolution. *Advanced Functional Materials*, **2017**, 27, 1703146	15.6	109
117	Quantitative Control of Pore Size of Mesoporous Carbon Nanospheres through the Self-Assembly of Diblock Copolymer Micelles in Solution. *Small*, **2016**, 12, 3155-63	11	92
116	Two-Dimensional Porous Polymers: From Sandwich-like Structure to Layered Skeleton. *Accounts of Chemical Research*, **2018**, 51, 3191-3202	24.3	88
115	Viologen-inspired functional materials: synthetic strategies and applications. *Journal of Materials Chemistry A*, **2019**, 7, 23337-23360	13	87
114	Self-Activating, Capacitive Anion Intercalation Enables High-Power Graphite Cathodes. *Advanced Materials*, **2018**, 30, e1800533	24	86
113	Recent Advances in Earth-Abundant Heterogeneous Electrocatalysts for Photoelectrochemical Water Splitting. *Small Methods*, **2017**, 1, 1700090	12.8	85
112	Two-Dimensional Mesoscale-Ordered Conducting Polymers. *Angewandte Chemie - International Edition*, **2016**, 55, 12516-21	16.4	74
111	Nitrogen-enriched, ordered mesoporous carbons for potential electrochemical energy storage. *Journal of Materials Chemistry A*, **2016**, 4, 2286-2292	13	73
110	Graphene-directed two-dimensional porous carbon frameworks for high-performance lithium–sulfur battery cathodes. *Journal of Materials Chemistry A*, **2016**, 4, 314-320	13	72
109	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	13	70
108	WS-Graphite Dual-Ion Batteries. *Nano Letters*, **2018**, 18, 7155-7164	11.5	68
107	Silicon anodes protected by a nitrogen-doped porous carbon shell for high-performance lithium-ion batteries. *Nanoscale*, **2017**, 9, 8871-8878	7.7	63
106	A Novel Heterostructure Based on RuMo Nanoalloys and N-doped Carbon as an Efficient Electrocatalyst for the Hydrogen Evolution Reaction. *Advanced Materials*, **2020**, 32, e2005433	24	62

105	Recent Advances in RAFT Polymerization: Novel Initiation Mechanisms and Optoelectronic Applications. *Polymers*, **2018**, 10,	4.5	58
104	Thermoswitchable on-chip microsupercapacitors: one potential self-protection solution for electronic devices. *Energy and Environmental Science*, **2018**, 11, 1717-1722	35.4	55
103	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	15.6	55
102	Redox gated polymer memristive processing memory unit. *Nature Communications*, **2019**, 10, 736	17.4	55
101	Dual-Graphene Rechargeable Sodium Battery. *Small*, **2017**, 13, 1702449	11	53
100	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	3.6	51
99	Charge Transfer Salt and Graphene Heterostructure-Based Micro-Supercapacitors with Alternating Current Line-Filtering Performance. *Small*, **2019**, 15, e1901494	11	50
98	The art of two-dimensional soft nanomaterials. *Science China Chemistry*, **2019**, 62, 1145-1193	7.9	49
97	2D polyacrylonitrile brush derived nitrogen-doped carbon nanosheets for high-performance electrocatalysts in oxygen reduction reaction. *Polymer Chemistry*, **2014**, 5, 2057-2064	4.9	49
96	New nitrogen-rich azo-bridged porphyrin-conjugated microporous networks for high performance of gas capture and storage. *RSC Advances*, **2016**, 6, 30048-30055	3.7	48
95	Boron-□hitrogen-based conjugated porous polymers with multi-functions. *Journal of Materials Chemistry A*, **2013**, 1, 13878	13	48
94	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	4.9	46
93	Interfacial Approach toward Benzene-Bridged Polypyrrole Film□Based Micro-Supercapacitors with Ultrahigh Volumetric Power Density. *Advanced Functional Materials*, **2020**, 30, 1908243	15.6	45
92	Angular BN-Heteroacenes with syn-Structure-Induced Promising Properties as Host Materials of Blue Organic Light-Emitting Diodes. *Organic Letters*, **2016**, 18, 3618-21	6.2	43
91	Two-Dimensional Sandwich-Type, Graphene-Based Conjugated Microporous Polymers. *Angewandte Chemie*, **2013**, 125, 9850-9854	3.6	43
90	In situ nanoarchitecturing and active-site engineering toward highly efficient carbonaceous electrocatalysts. *Nano Energy*, **2019**, 59, 207-215	17.1	42
89	Aromatic azaheterocycle-cored luminogens with tunable physical properties via nitrogen atoms for sensing strong acids. *Journal of Materials Chemistry C*, **2016**, 4, 7640-7648	7.1	42
88	Self-Assembly of Integrated Tubular Microsupercapacitors with Improved Electrochemical Performance and Self-Protective Function. *ACS Nano*, **2019**, 13, 8067-8075	16.7	41

87	Synthesis and Properties of C(2h)-Symmetric BN-Heteroacenes Tailored through Aromatic Central Cores. *Journal of Organic Chemistry*, **2015**, 80, 10127-33	4.2	37
86	Hypercrosslinked porous polymer nanosheets: 2D RAFT agent directed emulsion polymerization for multifunctional applications. *Polymer Chemistry*, **2015**, 6, 7171-7178	4.9	37
85	Nano-sandwiched metal hexacyanoferrate/graphene hybrid thin films for in-plane asymmetric micro-supercapacitors with ultrahigh energy density. *Materials Horizons*, **2019**, 6, 1041-1049	14.4	37
84	Cobaloxime anchored MoS2 nanosheets as electrocatalysts for the hydrogen evolution reaction. *Journal of Materials Chemistry A*, **2018**, 6, 138-144	13	37
83	BN-heteroacene-cored luminogens with dual channel detection for fluoride anions. *Journal of Materials Chemistry C*, **2016**, 4, 1159-1164	7.1	33
82	A solution-processable polymer-grafted graphene oxide derivative for nonvolatile rewritable memory. *Polymer Chemistry*, **2014**, 5, 2010-2017	4.9	32
81	Triple Boron-Cored Chromophores Bearing Discotic 5,11,17-Triazatrinaphthylene-Based Ligands. *Organic Letters*, **2016**, 18, 1398-401	6.2	31
80	Compact Coupled Graphene and Porous Polyaryltriazine-Derived Frameworks as High Performance Cathodes for Lithium-Ion Batteries. *Angewandte Chemie*, **2015**, 127, 1832-1836	3.6	29
79	Graphene-coupled nitrogen-enriched porous carbon nanosheets for energy storage. *Journal of Materials Chemistry A*, **2017**, 5, 16732-16739	13	28
78	Cross-linked polymer-derived B/N co-doped carbon materials with selective capture of CO2. *Journal of Materials Chemistry A*, **2015**, 3, 23352-23359	13	27
77	2D Heterostructures Derived from MoS2-Templated, Cobalt-Containing Conjugated Microporous Polymer Sandwiches for the Oxygen Reduction Reaction and Electrochemical Energy Storage. *ChemElectroChem*, **2017**, 4, 709-715	4.3	26
76	Supercapacitors with alternating current line-filtering performance. *BMC Materials*, **2020**, 2,	6.7	25
75	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	4.9	24
74	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	9.3	23
73	Multiwalled carbon nanotubes covalently functionalized with poly(N-vinylcarbazole) via RAFT polymerization: Synthesis and nonliner optical properties. *Journal of Polymer Science Part A*, **2010**, 48, 3161-3168	2.5	23
72	Silicon-Compatible Carbon-Based Micro-Supercapacitors. *Angewandte Chemie - International Edition* , **2016**, 55, 6136-8	16.4	23
71	Coordination Polymer Framework Based On-Chip Micro-Supercapacitors with AC Line-Filtering Performance. *Angewandte Chemie*, **2017**, 129, 3978-3982	3.6	21
70	2D Porous Polymers with sp2-Carbon Connections and Sole sp2-Carbon Skeletons. *Advanced Functional Materials*, **2020**, 30, 2000857	15.6	21

69	Azulene-Based Molecules, Polymers, and Frameworks for Optoelectronic and Energy Applications. *Small Methods*, **2020**, 4, 2000628	12.8	21
68	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	13	20
67	Recent Advances in Boron-Containing Conjugated Porous Polymers. *Polymers*, **2016**, 8,	4.5	20
66	Template-directed approach to two-dimensional molybdenum phosphide/carbon nanocomposites with high catalytic activities in the hydrogen evolution reaction. *New Journal of Chemistry*, **2016**, 40, 6015-6021	3.6	20
65	Pyrolyzed Triazine-Based Nanoporous Frameworks Enable Electrochemical CO Reduction in Water. *ACS Applied Materials & Interfaces*, **2018**, 10, 43588-43594	9.5	20
64	Resistance-Switchable Graphene Oxide/Polymer Nanocomposites for Molecular Electronics. *ChemElectroChem*, **2014**, 1, 514-519	4.3	19
63	Two-Dimensional Core-Shelled Porous Hybrids as Highly Efficient Catalysts for the Oxygen Reduction Reaction. *Angewandte Chemie*, **2016**, 128, 6972-6977	3.6	19
62	Anionic porous polymers with tunable structures and catalytic properties. *Journal of Materials Chemistry A*, **2016**, 4, 15162-15168	13	19
61	Interactions and Translational Dynamics of Phosphatidylinositol Bisphosphate (PIP2) Lipids in Asymmetric Lipid Bilayers. *Langmuir*, **2016**, 32, 1732-41	4	18
60	Sulfur-anchored azulene as a cathode material for Li-S batteries. *Chemical Communications*, **2019**, 55, 9047-9050	5.8	18
59	Viologen-Hypercrosslinked Ionic Porous Polymer Films as Active Layers for Electronic and Energy Storage Devices. *Advanced Materials Interfaces*, **2018**, 5, 1701679	4.6	15
58	B/N-Enriched Semi-Conductive Polymer Film for Micro-Supercapacitors with AC Line-Filtering Performance. *Langmuir*, **2021**, 37, 2523-2531	4	15
57	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	3.7	14
56	Optimizing Microenvironment of Asymmetric N,S-Coordinated Single-Atom Fe via Axial Fifth Coordination toward Efficient Oxygen Electroreduction. *Small*, **2021**, e2105387	11	14
55	Sulfur-doped porous carbon nanosheets as high performance electrocatalysts for PhotoFuelCells. *RSC Advances*, **2015**, 5, 27953-27963	3.7	13
54	Two-Dimensional Mesoscale-Ordered Conducting Polymers. *Angewandte Chemie*, **2016**, 128, 12704-12709	3.6	13
53	Toward Activity Origin of Electrocatalytic Hydrogen Evolution Reaction on Carbon-Rich Crystalline Coordination Polymers. *Small*, **2017**, 13, 1700783	11	13
52	Precise Control of π-Electron Magnetism in Metal-Free Porphyrins. *Journal of the American Chemical Society*, **2020**, 142, 18532-18540	16.4	13

51	Quinone-Enriched Conjugated Microporous Polymer as an Organic Cathode for Li-Ion Batteries. *ACS Applied Materials & Interfaces*, **2021**, 13, 9064-9073	9.5	12
50	Azulene-bridged coordinated framework based quasi-molecular rectifier. *Journal of Materials Chemistry C*, **2017**, 5, 2223-2229	7.1	11
49	Enhanced Antifouling and Anticorrosion Properties of Stainless Steel by Biomimetic Anchoring PEGDMA-Cross-Linking Polycationic Brushes. *Industrial & Engineering Chemistry Research*, **2019**, 58, 7107-7119	3.9	11
48	In Situ Synthesis and Characterization of Poly(aryleneethynylene)-Grafted Reduced Graphene Oxide. *Chemistry - A European Journal*, **2016**, 22, 2247-52	4.8	11
47	Polymer nanosheets derived porous carbon nanosheets as high efficient electrocatalysts for oxygen reduction reaction. *Journal of Colloid and Interface Science*, **2018**, 516, 9-15	9.3	10
46	Catechol-Coordinated Framework Film-based Micro-Supercapacitors with AC Line Filtering Performance. *Chemistry - A European Journal*, **2021**, 27, 6340-6347	4.8	10
45	Cobalt-Doped Porous Carbon Nanosheets Derived from 2D Hypercrosslinked Polymer with CoN for High Performance Electrochemical Capacitors. *Polymers*, **2018**, 10,	4.5	10
44	Constructing Catalytic Crown Ether-Based Covalent Organic Frameworks for Electroreduction of CO2. *ACS Energy Letters*,3496-3502	20.1	10
43	Polyarylether-Based 2D Covalent-Organic Frameworks with In-Plane D-A Structures and Tunable Energy Levels for Energy Storage.. *Advanced Science*, **2021**, e2104898	13.6	9
42	Inkjet Printed Disposable High-Rate On-Paper Microsupercapacitors. *Advanced Functional Materials*, **2022**, 32, 2108773	15.6	8
41	Ionic Polyimide Derived Porous Carbon Nanosheets as High-Efficiency Oxygen Reduction Catalysts for Zn-Air Batteries. *Chemistry - A European Journal*, **2020**, 26, 6525-6534	4.8	8
40	Chemically Stable Polyarylether-Based Metallophthalocyanine Frameworks with High Carrier Mobilities for Capacitive Energy Storage. *Journal of the American Chemical Society*, **2021**, 143, 17701-17707	16.4	7
39	Mussel-Inspired Nitrogen-Doped Porous Carbon as Anode Materials for Sodium-Ion Batteries. *Energy Technology*, **2019**, 7, 1800763	3.5	7
38	Boosting the electronic and catalytic properties of 2D semiconductors with supramolecular 2D hydrogen-bonded superlattices.. *Nature Communications*, **2022**, 13, 510	17.4	6
37	Electrochemical reduction of carbon dioxide with nearly 100% carbon monoxide faradaic efficiency from vacancy-stabilized single-atom active sites. *Journal of Materials Chemistry A*,	13	6
36	Iron clusters boosted performance in electrocatalytic carbon dioxide conversion. *Journal of Materials Chemistry A*, **2020**, 8, 21661-21667	13	6
35	High-entropy carbons: From high-entropy aromatic species to single-atom catalysts for electrocatalysis. *Chemical Engineering Journal*, **2021**, 426, 131320	14.7	6
34	Atomic Ni and Cu co-anchored 3D nanoporous graphene as an efficient oxygen reduction electrocatalyst for zinc-air batteries. *Nanoscale*, **2021**, 13, 10862-10870	7.7	6

33	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	4.5	5
32	Ultrathin PTAA interlayer in conjunction with azulene derivatives for the fabrication of inverted perovskite solar cells. *Journal of Materials Chemistry C*,	7.1	5
31	Regulating the Spin State of Nickel in Molecular Catalysts for Boosting Carbon Dioxide Reduction. *ACS Applied Energy Materials*, **2021**, 4, 2891-2898	6.1	5
30	Simultaneously Integrate Iron Single Atom and Nanocluster Triggered Tandem Effect for Boosting Oxygen Electroreduction.. *Small*, **2022**, e2107225	11	5
29	Regulation of Crystallinity and Vertical Phase Separation Enables High-Efficiency Thick Organic Solar Cells. *Advanced Functional Materials*,2202103	15.6	5
28	Core□Shell Structured Fe□N□C Catalysts with Enriched Iron Sites in Surface Layers for Proton-Exchange Membrane Fuel Cells. *ACS Catalysis*,6409-6417	13.1	5
27	Ionothermally synthesized hierarchical porous Schiff-base-type polymeric networks with ultrahigh specific surface area for supercapacitors. *RSC Advances*, **2017**, 7, 19934-19939	3.7	4
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25	Perovskite oxide and polyazulene□based heterostructure for high□performance supercapacitors. *Journal of Applied Polymer Science*, **2021**, 138, 51198	2.9	4
24	Tungsten Oxide/Reduced Graphene Oxide Aerogel with Low-Content Platinum as High-Performance Electrocatalyst for Hydrogen Evolution Reaction. *Small*, **2021**, 17, e2102159	11	4
23	Supramolecular Proton Conductors Self-Assembled by Organic Cages.. *Jacs Au*, **2022**, 2, 819-826		4
22	Recovered Carbon from Coal Gasification Fine Slag as Electrocatalyst for Oxygen Reduction Reaction and Zinc□Air Battery. *Energy Technology*, **2021**, 9, 2000890	3.5	3
21	Rational Control of Topological Defects in Porous Carbon for High-Efficiency Carbon Dioxide Conversion. *Advanced Materials Interfaces*, **2021**, 8, 2100051	4.6	3
20	Platinum Atoms and Nanoparticles Embedded Porous Carbons for Hydrogen Evolution Reaction. *Materials*, **2020**, 13,	3.5	2
19	Interfacial synthesis of crystalline quasi-two-dimensional polyaniline thin films for high-performance flexible on-chip micro-supercapacitors. *Chinese Chemical Letters*, **2021**,	8.1	2
18	A class of organic cages featuring twin cavities. *Nature Communications*, **2021**, 12, 6124	17.4	2
17	Silicium-kompatible Mikro-Superkondensatoren. *Angewandte Chemie*, **2016**, 128, 6244-6246	3.6	2
16	A □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	3.7	2

15	A Nitrogen-Rich 2D sp2-Carbon-Linked Conjugated Polymer Framework as a High-Performance Cathode for Lithium-Ion Batteries. *Angewandte Chemie*, **2018**, 131, 859	3.6	2
14	One-step preparation of novel conjugated porous polymer with tubular structure. *Science China Chemistry*, **2013**, 56, 1112-1118	7.9	1
13	N-confused porphyrin-based conjugated microporous polymers.. *Chemical Communications*, **2022**,	5.8	1
12	Self-Assembly Approach Towards MoS -Embedded Hierarchical Porous Carbons for Enhanced Electrocatalytic Hydrogen Evolution. *Chemistry - A European Journal*, **2021**, 27, 2155-2164	4.8	1
11	Facile fabrication of graphene-based high-performance microsupercapacitors operating at a high temperature of 150 °C. *Nanoscale Advances*, **2021**, 3, 4674-4679	5.1	1
10	A Terpyridine-Fe-Based Coordination Polymer Film for On-Chip Micro-Supercapacitor with AC Line-Filtering Performance. *Polymers*, **2021**, 13,	4.5	1
9	Spectroscopic Evidence of New Low-Dimensional Planar Carbon Allotropes Based on Biphenylene via On-Surface Ullmann Coupling. *Chemistry*, **2021**, 3, 1057-1062	2.1	1
8	A Narrow Bandgap, Isocyanide-Based Coordination Polymer Framework for Micro-Supercapacitors with AC Line-Filtering Performance. *Macromolecular Chemistry and Physics*,2200037	2.6	1
7	Porphyrinic conjugated microporous polymer anode for Li-ion batteries. *Journal of Power Sources*, **2022**, 531, 231340	8.9	1
6	Mass Transport Behaviors in Graphene and Polyaniline Heterostructure□Based Microsupercapacitors. *Advanced Energy and Sustainability Research*, **2021**, 2, 2100006	1.6	0
5	Microporous Sulfur-Doped Carbon Atoms as Supports for Sintering-Resistant Platinum Nanocluster Catalysts. *ACS Applied Nano Materials*, **2021**, 4, 9489-9496	5.6	0
4	Resistance-Switchable Graphene Oxide□Polymer Nanocomposites for Molecular Electronics. *ChemElectroChem*, **2014**, 1, 478-478	4.3	
3	R□ktitelbild: Two-Dimensional Sandwich-Type, Graphene-Based Conjugated Microporous Polymers (Angew. Chem. 37/2013). *Angewandte Chemie*, **2013**, 125, 10044-10044	3.6	
2	Enhancing charge separation in conjugated microporous polymers for efficient photocatalytic hydrogen evolution. *Materials Advances*,	3.3	
1	Designing Porous Structures and Active Sites in Carbon-Based Electrocatalysts **2018**, 77-99		