

# Jinhui Zhu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	N-confused porphyrin-based conjugated microporous polymers.. <i>Chemical Communications</i> , <b>2022</b> ,	5.8	1
157	Boosting the electronic and catalytic properties of 2D semiconductors with supramolecular 2D hydrogen-bonded superlattices.. <i>Nature Communications</i> , <b>2022</b> , 13, 510	17.4	6
156	Inkjet Printed Disposable High-Rate On-Paper Microsupercapacitors. <i>Advanced Functional Materials</i> , <b>2022</b> , 32, 2108773	15.6	8
155	Simultaneously Integrate Iron Single Atom and Nanocluster Triggered Tandem Effect for Boosting Oxygen Electroreduction.. <i>Small</i> , <b>2022</b> , e2107225	11	5
154	Supramolecular Proton Conductors Self-Assembled by Organic Cages.. <i>Jacs Au</i> , <b>2022</b> , 2, 819-826		4
153	Porphyritic conjugated microporous polymer anode for Li-ion batteries. <i>Journal of Power Sources</i> , <b>2022</b> , 531, 231340	8.9	1
152	Polyarylether-Based 2D Covalent-Organic Frameworks with In-Plane D-A Structures and Tunable Energy Levels for Energy Storage.. <i>Advanced Science</i> , <b>2021</b> , e2104898	13.6	9
151	Interfacial synthesis of crystalline quasi-two-dimensional polyaniline thin films for high-performance flexible on-chip micro-supercapacitors. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	2
150	Optimizing Microenvironment of Asymmetric N,S-Coordinated Single-Atom Fe via Axial Fifth Coordination toward Efficient Oxygen Electroreduction. <i>Small</i> , <b>2021</b> , e2105387	11	14
149	Quantum Capacitance through Molecular Infiltration of 7,7,8,8-Tetracyanoquinodimethane in Metal-Organic Framework/Covalent Organic Framework Hybrids. <i>ACS Nano</i> , <b>2021</b> ,	16.7	4
148	Chemically Stable Polyarylether-Based Metallophthalocyanine Frameworks with High Carrier Mobilities for Capacitive Energy Storage. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 17701-17707	16.4	7
147	A class of organic cages featuring twin cavities. <i>Nature Communications</i> , <b>2021</b> , 12, 6124	17.4	2
146	Mass Transport Behaviors in Graphene and Polyaniline HeterostructureBased Microsupercapacitors. <i>Advanced Energy and Sustainability Research</i> , <b>2021</b> , 2, 2100006	1.6	0
145	Perovskite oxide and polyazuleneBased heterostructure for high performance supercapacitors. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 51198	2.9	4
144	Self-Assembly Approach Towards MoS <sub>2</sub> -Embedded Hierarchical Porous Carbons for Enhanced Electrocatalytic Hydrogen Evolution. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 2155-2164	4.8	1
143	Facile fabrication of graphene-based high-performance microsupercapacitors operating at a high temperature of 150 °C. <i>Nanoscale Advances</i> , <b>2021</b> , 3, 4674-4679	5.1	1
142	Regulating the Spin State of Nickel in Molecular Catalysts for Boosting Carbon Dioxide Reduction. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 2891-2898	6.1	5

141	Recovered Carbon from Coal Gasification Fine Slag as Electrocatalyst for Oxygen Reduction Reaction and Zinc-Air Battery. <i>Energy Technology</i> , <b>2021</b> , 9, 2000890	3.5	3
140	Quinone-Enriched Conjugated Microporous Polymer as an Organic Cathode for Li-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 9064-9073	9.5	12
139	B/N-Enriched Semi-Conductive Polymer Film for Micro-Supercapacitors with AC Line-Filtering Performance. <i>Langmuir</i> , <b>2021</b> , 37, 2523-2531	4	15
138	Rational Control of Topological Defects in Porous Carbon for High-Efficiency Carbon Dioxide Conversion. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2100051	4.6	3
137	A Terpyridine-Fe-Based Coordination Polymer Film for On-Chip Micro-Supercapacitor with AC Line-Filtering Performance. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1
136	Catechol-Coordinated Framework Film-based Micro-Supercapacitors with AC Line Filtering Performance. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 6340-6347	4.8	10
135	Tungsten Oxide/Reduced Graphene Oxide Aerogel with Low-Content Platinum as High-Performance Electrocatalyst for Hydrogen Evolution Reaction. <i>Small</i> , <b>2021</b> , 17, e2102159	11	4
134	Microporous Sulfur-Doped Carbon Atoms as Supports for Sintering-Resistant Platinum Nanocluster Catalysts. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 9489-9496	5.6	0
133	Spectroscopic Evidence of New Low-Dimensional Planar Carbon Allotropes Based on Biphenylene via On-Surface Ullmann Coupling. <i>Chemistry</i> , <b>2021</b> , 3, 1057-1062	2.1	1
132	High-entropy carbons: From high-entropy aromatic species to single-atom catalysts for electrocatalysis. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 131320	14.7	6
131	Atomic Ni and Cu co-anchored 3D nanoporous graphene as an efficient oxygen reduction electrocatalyst for zinc-air batteries. <i>Nanoscale</i> , <b>2021</b> , 13, 10862-10870	7.7	6
130	Supercapacitors with alternating current line-filtering performance. <i>BMC Materials</i> , <b>2020</b> , 2,	6.7	25
129	Platinum Atoms and Nanoparticles Embedded Porous Carbons for Hydrogen Evolution Reaction. <i>Materials</i> , <b>2020</b> , 13,	3.5	2
128	2D Porous Polymers with sp <sup>2</sup> -Carbon Connections and Sole sp <sup>2</sup> -Carbon Skeletons. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2000857	15.6	21
127	Interfacial Approach toward Benzene-Bridged Polypyrrole Film-Based Micro-Supercapacitors with Ultrahigh Volumetric Power Density. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1908243	15.6	45
126	Boosting Oxygen Reduction of Single Iron Active Sites via Geometric and Electronic Engineering: Nitrogen and Phosphorus Dual Coordination. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 2404-2412	16.4	317
125	Ionic Polyimide Derived Porous Carbon Nanosheets as High-Efficiency Oxygen Reduction Catalysts for Zn-Air Batteries. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 6525-6534	4.8	8
124	A Novel Heterostructure Based on RuMo Nanoalloys and N-doped Carbon as an Efficient Electrocatalyst for the Hydrogen Evolution Reaction. <i>Advanced Materials</i> , <b>2020</b> , 32, e2005433	24	62

123	Azulene-Based Molecules, Polymers, and Frameworks for Optoelectronic and Energy Applications. <i>Small Methods</i> , <b>2020</b> , 4, 2000628	12.8	21
122	Precise Control of Electron Magnetism in Metal-Free Porphyrins. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 18532-18540	16.4	13
121	Iron clusters boosted performance in electrocatalytic carbon dioxide conversion. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 21661-21667	13	6
120	Atomic Ni Anchored Covalent Triazine Framework as High Efficient Electrocatalyst for Carbon Dioxide Conversion. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1806884	15.6	139
119	The art of two-dimensional soft nanomaterials. <i>Science China Chemistry</i> , <b>2019</b> , 62, 1145-1193	7.9	49
118	Charge Transfer Salt and Graphene Heterostructure-Based Micro-Supercapacitors with Alternating Current Line-Filtering Performance. <i>Small</i> , <b>2019</b> , 15, e1901494	11	50
117	Viologen-inspired functional materials: synthetic strategies and applications. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 23337-23360	13	87
116	Atomically dispersed nickel-nitrogen-sulfur species anchored on porous carbon nanosheets for efficient water oxidation. <i>Nature Communications</i> , <b>2019</b> , 10, 1392	17.4	280
115	Enhanced Antifouling and Anticorrosion Properties of Stainless Steel by Biomimetic Anchoring PEGDMA-Cross-Linking Polycationic Brushes. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 7107-7119	3.9	11
114	In situ nanoarchitecturing and active-site engineering toward highly efficient carbonaceous electrocatalysts. <i>Nano Energy</i> , <b>2019</b> , 59, 207-215	17.1	42
113	Efficient alkaline hydrogen evolution on atomically dispersed Ni <sub>N</sub> x Species anchored porous carbon with embedded Ni nanoparticles by accelerating water dissociation kinetics. <i>Energy and Environmental Science</i> , <b>2019</b> , 12, 149-156	35.4	299
112	Sulfur-anchored azulene as a cathode material for Li-S batteries. <i>Chemical Communications</i> , <b>2019</b> , 55, 9047-9050	5.8	18
111	Self-Assembly of Integrated Tubular Microsupercapacitors with Improved Electrochemical Performance and Self-Protective Function. <i>ACS Nano</i> , <b>2019</b> , 13, 8067-8075	16.7	41
110	Nano-sandwiched metal hexacyanoferrate/graphene hybrid thin films for in-plane asymmetric micro-supercapacitors with ultrahigh energy density. <i>Materials Horizons</i> , <b>2019</b> , 6, 1041-1049	14.4	37
109	Redox gated polymer memristive processing memory unit. <i>Nature Communications</i> , <b>2019</b> , 10, 736	17.4	55
108	Zn-Ion Hybrid Micro-Supercapacitors with Ultrahigh Areal Energy Density and Long-Term Durability. <i>Advanced Materials</i> , <b>2019</b> , 31, e1806005	24	168
107	A Nitrogen-Rich 2D sp <sup>2</sup> -Carbon-Linked Conjugated Polymer Framework as a High-Performance Cathode for Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 849-853	16.4	164
106	Mussel-Inspired Nitrogen-Doped Porous Carbon as Anode Materials for Sodium-Ion Batteries. <i>Energy Technology</i> , <b>2019</b> , 7, 1800763	3.5	7

105	Viologen-Hypercrosslinked Ionic Porous Polymer Films as Active Layers for Electronic and Energy Storage Devices. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 5, 1701679	4.6	15
104	Thermoswitchable on-chip microsupercapacitors: one potential self-protection solution for electronic devices. <i>Energy and Environmental Science</i> , <b>2018</b> , 11, 1717-1722	35.4	55
103	Self-Activating, Capacitive Anion Intercalation Enables High-Power Graphite Cathodes. <i>Advanced Materials</i> , <b>2018</b> , 30, e1800533	24	86
102	Accelerated Hydrogen Evolution Kinetics on NiFe-Layered Double Hydroxide Electrocatalysts by Tailoring Water Dissociation Active Sites. <i>Advanced Materials</i> , <b>2018</b> , 30, 1706279	24	390
101	Synergetic Contribution of Boron and Fe <sub>N</sub> x Species in Porous Carbons toward Efficient Electrocatalysts for Oxygen Reduction Reaction. <i>ACS Energy Letters</i> , <b>2018</b> , 3, 252-260	20.1	184
100	Polymer nanosheets derived porous carbon nanosheets as high efficient electrocatalysts for oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 516, 9-15	9.3	10
99	S-enriched porous polymer derived N-doped porous carbons for electrochemical energy storage and conversion. <i>Frontiers of Chemical Science and Engineering</i> , <b>2018</b> , 12, 346-357	4.5	5
98	Recent Advances in RAFT Polymerization: Novel Initiation Mechanisms and Optoelectronic Applications. <i>Polymers</i> , <b>2018</b> , 10,	4.5	58
97	Vertically Aligned MoS <sub>2</sub> Nanosheets Patterned on Electrochemically Exfoliated Graphene for High-Performance Lithium and Sodium Storage. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1702254	21.8	234
96	Cobaloxime anchored MoS <sub>2</sub> nanosheets as electrocatalysts for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 138-144	13	37
95	Two-Dimensional Porous Polymers: From Sandwich-like Structure to Layered Skeleton. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 3191-3202	24.3	88
94	A Nitrogen-Rich 2D sp <sup>2</sup> -Carbon-Linked Conjugated Polymer Framework as a High-Performance Cathode for Lithium-Ion Batteries. <i>Angewandte Chemie</i> , <b>2018</b> , 131, 859	3.6	2
93	Pyrolyzed Triazine-Based Nanoporous Frameworks Enable Electrochemical CO Reduction in Water. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 43588-43594	9.5	20
92	Cobalt-Doped Porous Carbon Nanosheets Derived from 2D Hypercrosslinked Polymer with CoN <sub>2</sub> for High Performance Electrochemical Capacitors. <i>Polymers</i> , <b>2018</b> , 10,	4.5	10
91	WS-Graphite Dual-Ion Batteries. <i>Nano Letters</i> , <b>2018</b> , 18, 7155-7164	11.5	68
90	Designing Porous Structures and Active Sites in Carbon-Based Electrocatalysts <b>2018</b> , 77-99		
89	Two-dimensional materials for miniaturized energy storage devices: from individual devices to smart integrated systems. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 7426-7451	58.5	270
88	Azulene-bridged coordinated framework based quasi-molecular rectifier. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 2223-2229	7.1	11

87	2D Heterostructures Derived from MoS <sub>2</sub> -Templated, Cobalt-Containing Conjugated Microporous Polymer Sandwiches for the Oxygen Reduction Reaction and Electrochemical Energy Storage. <i>ChemElectroChem</i> , <b>2017</b> , 4, 709-715	4.3	26
86	Hollow-structured conjugated porous polymer derived Iron/Nitrogen-codoped hierarchical porous carbons as highly efficient electrocatalysts. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 497, 108-116	9.3	23
85	Coordination Polymer Framework Based On-Chip Micro-Supercapacitors with AC Line-Filtering Performance. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 3978-3982	3.6	21
84	Coordination Polymer Framework Based On-Chip Micro-Supercapacitors with AC Line-Filtering Performance. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 3920-3924	16.4	110
83	Recent Advances in Earth-Abundant Heterogeneous Electrocatalysts for Photoelectrochemical Water Splitting. <i>Small Methods</i> , <b>2017</b> , 1, 1700090	12.8	85
82	An interfacial engineering approach towards two-dimensional porous carbon hybrids for high performance energy storage and conversion. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 1567-1574	13	20
81	Efficient hydrogen production on MoNi electrocatalysts with fast water dissociation kinetics. <i>Nature Communications</i> , <b>2017</b> , 8, 15437	17.4	583
80	Integrated Hierarchical Cobalt Sulfide/Nickel Selenide Hybrid Nanosheets as an Efficient Three-dimensional Electrode for Electrochemical and Photoelectrochemical Water Splitting. <i>Nano Letters</i> , <b>2017</b> , 17, 4202-4209	11.5	216
79	Silicon anodes protected by a nitrogen-doped porous carbon shell for high-performance lithium-ion batteries. <i>Nanoscale</i> , <b>2017</b> , 9, 8871-8878	7.7	63
78	Ionothermally synthesized hierarchical porous Schiff-base-type polymeric networks with ultrahigh specific surface area for supercapacitors. <i>RSC Advances</i> , <b>2017</b> , 7, 19934-19939	3.7	4
77	Molybdenum Carbide-Embedded Nitrogen-Doped Porous Carbon Nanosheets as Electrocatalysts for Water Splitting in Alkaline Media. <i>ACS Nano</i> , <b>2017</b> , 11, 3933-3942	16.7	302
76	Stimulus-Responsive Micro-Supercapacitors with Ultrahigh Energy Density and Reversible Electrochromic Window. <i>Advanced Materials</i> , <b>2017</b> , 29, 1604491	24	122
75	In Situ Coupling Strategy for the Preparation of FeCo Alloys and Co N Hybrid for Highly Efficient Oxygen Evolution. <i>Advanced Materials</i> , <b>2017</b> , 29, 1704091	24	136
74	Dual-Graphene Rechargeable Sodium Battery. <i>Small</i> , <b>2017</b> , 13, 1702449	11	53
73	Ternary Porous Cobalt Phosphoselenide Nanosheets: An Efficient Electrocatalyst for Electrocatalytic and Photoelectrochemical Water Splitting. <i>Advanced Materials</i> , <b>2017</b> , 29, 1701589	24	192
72	Toward Activity Origin of Electrocatalytic Hydrogen Evolution Reaction on Carbon-Rich Crystalline Coordination Polymers. <i>Small</i> , <b>2017</b> , 13, 1700783	11	13
71	Toward a molecular design of porous carbon materials. <i>Materials Today</i> , <b>2017</b> , 20, 592-610	21.8	146
70	Scalable Fabrication and Integration of Graphene Microsupercapacitors through Full Inkjet Printing. <i>ACS Nano</i> , <b>2017</b> , 11, 8249-8256	16.7	204

69	Graphene-coupled nitrogen-enriched porous carbon nanosheets for energy storage. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 16732-16739	13	28
68	Flexible All-Solid-State Supercapacitors with High Volumetric Capacitances Boosted by Solution Processable MXene and Electrochemically Exfoliated Graphene. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1601847	21.8	298
67	Efficient Electrochemical and Photoelectrochemical Water Splitting by a 3D Nanostructured Carbon Supported on Flexible Exfoliated Graphene Foil. <i>Advanced Materials</i> , <b>2017</b> , 29, 1604480	24	139
66	Immobilizing Molecular Metal Dithiolene-Diamine Complexes on 2D Metal-Organic Frameworks for Electrocatalytic H <sub>2</sub> Production. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 2255-2260	4.8	154
65	Substantial Cyano-Substituted Fully sp <sup>2</sup> -Carbon-Linked Framework: Metal-Free Approach and Visible-Light-Driven Hydrogen Evolution. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1703146	15.6	109
64	Cobalt/nitrogen co-doped porous carbon nanosheets as highly efficient catalysts for the oxygen reduction reaction in both basic and acidic media. <i>RSC Advances</i> , <b>2016</b> , 6, 82341-82347	3.7	14
63	Two-Dimensional Mesoscale-Ordered Conducting Polymers. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12704-12709	9.6	13
62	Aromatic azaheterocycle-cored luminogens with tunable physical properties via nitrogen atoms for sensing strong acids. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 7640-7648	7.1	42
61	Angular BN-Heteroacenes with syn-Structure-Induced Promising Properties as Host Materials of Blue Organic Light-Emitting Diodes. <i>Organic Letters</i> , <b>2016</b> , 18, 3618-21	6.2	43
60	Engineering water dissociation sites in MoS <sub>2</sub> nanosheets for accelerated electrocatalytic hydrogen production. <i>Energy and Environmental Science</i> , <b>2016</b> , 9, 2789-2793	35.4	386
59	Interface Engineering of MoS <sub>2</sub> /Ni <sub>3</sub> S <sub>2</sub> Heterostructures for Highly Enhanced Electrochemical Overall-Water-Splitting Activity. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 6702-7	16.4	896
58	Nitrogen-Doped Porous Carbon Superstructures Derived from Hierarchical Assembly of Polyimide Nanosheets. <i>Advanced Materials</i> , <b>2016</b> , 28, 1981-7	24	313
57	Interface Engineering of MoS <sub>2</sub> /Ni <sub>3</sub> S <sub>2</sub> Heterostructures for Highly Enhanced Electrochemical Overall-Water-Splitting Activity. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 6814-6819	3.6	315
56	New nitrogen-rich azo-bridged porphyrin-conjugated microporous networks for high performance of gas capture and storage. <i>RSC Advances</i> , <b>2016</b> , 6, 30048-30055	3.7	48
55	Interactions and Translational Dynamics of Phosphatidylinositol Bisphosphate (PIP <sub>2</sub> ) Lipids in Asymmetric Lipid Bilayers. <i>Langmuir</i> , <b>2016</b> , 32, 1732-41	4	18
54	Triple Boron-Cored Chromophores Bearing Discotic 5,11,17-Triazatrinaphthylene-Based Ligands. <i>Organic Letters</i> , <b>2016</b> , 18, 1398-401	6.2	31
53	Nitrogen-enriched, ordered mesoporous carbons for potential electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 2286-2292	13	73
52	BN-heteroacene-cored luminogens with dual channel detection for fluoride anions. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 1159-1164	7.1	33

51	Vertically oriented cobalt selenide/NiFe layered-double-hydroxide nanosheets supported on exfoliated graphene foil: an efficient 3D electrode for overall water splitting. <i>Energy and Environmental Science</i> , <b>2016</b> , 9, 478-483	35.4	646
50	Graphene-directed two-dimensional porous carbon frameworks for high-performance lithium-sulfur battery cathodes. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 314-320	13	72
49	Recent Advances in Boron-Containing Conjugated Porous Polymers. <i>Polymers</i> , <b>2016</b> , 8,	4.5	20
48	Sulfur-Enriched Conjugated Polymer Nanosheet Derived Sulfur and Nitrogen co-Doped Porous Carbon Nanosheets as Electrocatalysts for Oxygen Reduction Reaction and Zinc-Air Battery. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 5893-5902	15.6	189
47	Silicium-kompatible Mikro-Supercapacitoren. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 6244-6246	3.6	2
46	Quantitative Control of Pore Size of Mesoporous Carbon Nanospheres through the Self-Assembly of Diblock Copolymer Micelles in Solution. <i>Small</i> , <b>2016</b> , 12, 3155-63	11	92
45	Two-Dimensional Core-Shelled Porous Hybrids as Highly Efficient Catalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 6858-63	16.4	111
44	Silicon-Compatible Carbon-Based Micro-Supercapacitors. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 6136-8	16.4	23
43	In Situ Synthesis and Characterization of Poly(aryleneethynylene)-Grafted Reduced Graphene Oxide. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 2247-52	4.8	11
42	Two-Dimensional Core-Shelled Porous Hybrids as Highly Efficient Catalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 6972-6977	3.6	19
41	Boron, nitrogen, and phosphorous ternary doped graphene aerogel with hierarchically porous structures as highly efficient electrocatalysts for oxygen reduction reaction. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 6022-6029	3.6	51
40	Template-directed approach to two-dimensional molybdenum phosphide-carbon nanocomposites with high catalytic activities in the hydrogen evolution reaction. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 6013-6021	3.6	20
39	A two-dimensional conjugated polymer framework with fully sp <sup>2</sup> -bonded carbon skeleton. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 4176-4181	4.9	222
38	Two-Dimensional Mesoscale-Ordered Conducting Polymers. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 12516-21	16.4	74
37	Anionic porous polymers with tunable structures and catalytic properties. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 15162-15168	13	19
36	Highly Efficient Electrocatalysts for Oxygen Reduction Reaction Based on 1D Ternary Doped Porous Carbons Derived from Carbon Nanotube Directed Conjugated Microporous Polymers. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 8255-8265	15.6	55
35	A Extended luminogen with colorimetric and off/on fluorescent multi-channel detection for Cu <sup>2+</sup> with extremely high selectivity and sensitivity via nonarylamine-based organic mixed valence. <i>RSC Advances</i> , <b>2016</b> , 6, 76691-76695	3.7	2
34	Dual-Template Synthesis of 2D Mesoporous Polypyrrole Nanosheets with Controlled Pore Size. <i>Advanced Materials</i> , <b>2016</b> , 28, 8365-8370	24	119



33	One-pot approach to Pd-loaded porous polymers with properties tunable by the oxidation state of the phosphorus core. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 6351-6357	4.9	24
32	Efficient approach to iron/nitrogen co-doped graphene materials as efficient electrochemical catalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 7767-7772	13	70
31	Sulfur-doped porous carbon nanosheets as high performance electrocatalysts for PhotoFuelCells. <i>RSC Advances</i> , <b>2015</b> , 5, 27953-27963	3.7	13
30	Synthesis and Properties of C(2h)-Symmetric BN-Heteroacenes Tailored through Aromatic Central Cores. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 10127-33	4.2	37
29	Cross-linked polymer-derived B/N co-doped carbon materials with selective capture of CO <sub>2</sub> . <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 23352-23359	13	27
28	Hyperscrosslinked porous polymer nanosheets: 2D RAFT agent directed emulsion polymerization for multifunctional applications. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 7171-7178	4.9	37
27	Compact coupled graphene and porous polyaryltriazine-derived frameworks as high performance cathodes for lithium-ion batteries. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 1812-6	16.4	125
26	Nitrogen-enriched hierarchically porous carbon materials fabricated by graphene aerogel templated Schiff-base chemistry for high performance electrochemical capacitors. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 1088-1095	4.9	46
25	Two-dimensional soft nanomaterials: a fascinating world of materials. <i>Advanced Materials</i> , <b>2015</b> , 27, 4032-47	27	374
24	Conjugated microporous polymers with dimensionality-controlled heterostructures for green energy devices. <i>Advanced Materials</i> , <b>2015</b> , 27, 3789-96	24	176
23	Metal-Phosphide-Containing Porous Carbons Derived from an Ionic-Polymer Framework and Applied as Highly Efficient Electrochemical Catalysts for Water Splitting. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 3899-3906	15.6	159
22	Compact Coupled Graphene and Porous Polyaryltriazine-Derived Frameworks as High Performance Cathodes for Lithium-Ion Batteries. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 1832-1836	3.6	29
21	Resistance-Switchable Graphene Oxide Polymer Nanocomposites for Molecular Electronics. <i>ChemElectroChem</i> , <b>2014</b> , 1, 478-478	4.3	
20	Nitrogen-Doped Carbon Nanosheets with Size-Defined Mesopores as Highly Efficient Metal-Free Catalyst for the Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1596-1600	3.6	208
19	Graphene coupled Schiff-base porous polymers: towards nitrogen-enriched porous carbon nanosheets with ultrahigh electrochemical capacity. <i>Advanced Materials</i> , <b>2014</b> , 26, 3081-6	24	207
18	A solution-processable polymer-grafted graphene oxide derivative for nonvolatile rewritable memory. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 2010-2017	4.9	32
17	Hierarchically porous carbons with optimized nitrogen doping as highly active electrocatalysts for oxygen reduction. <i>Nature Communications</i> , <b>2014</b> , 5, 4973	17.4	808
16	2D polyacrylonitrile brush derived nitrogen-doped carbon nanosheets for high-performance electrocatalysts in oxygen reduction reaction. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 2057-2064	4.9	49

15	Polyaniline nanosheet derived B/N co-doped carbon nanosheets as efficient metal-free catalysts for oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 7742	13	118
14	Resistance-Switchable Graphene Oxide Polymer Nanocomposites for Molecular Electronics. <i>ChemElectroChem</i> , <b>2014</b> , 1, 514-519	4.3	19
13	Two-dimensional sandwich-type, graphene-based conjugated microporous polymers. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 9668-72	16.4	194
12	One-step preparation of novel conjugated porous polymer with tubular structure. <i>Science China Chemistry</i> , <b>2013</b> , 56, 1112-1118	7.9	1
11	Boron-Hydrogen-based conjugated porous polymers with multi-functions. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 13878	13	48
10	Two-Dimensional Sandwich-Type, Graphene-Based Conjugated Microporous Polymers. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 9850-9854	3.6	43
9	Rechtitelbild: Two-Dimensional Sandwich-Type, Graphene-Based Conjugated Microporous Polymers (Angew. Chem. 37/2013). <i>Angewandte Chemie</i> , <b>2013</b> , 125, 10044-10044	3.6	
8	Multiwalled carbon nanotubes covalently functionalized with poly(N-vinylcarbazole) via RAFT polymerization: Synthesis and nonlinear optical properties. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 3161-3168	2.5	23
7	Enhancing charge separation in conjugated microporous polymers for efficient photocatalytic hydrogen evolution. <i>Materials Advances</i> ,	3.3	
6	Electrochemical reduction of carbon dioxide with nearly 100% carbon monoxide faradaic efficiency from vacancy-stabilized single-atom active sites. <i>Journal of Materials Chemistry A</i> ,	13	6
5	Ultrathin PTAA interlayer in conjunction with azulene derivatives for the fabrication of inverted perovskite solar cells. <i>Journal of Materials Chemistry C</i> ,	7.1	5
4	Constructing Catalytic Crown Ether-Based Covalent Organic Frameworks for Electroreduction of CO <sub>2</sub> . <i>ACS Energy Letters</i> , 3496-3502	20.1	10
3	A Narrow Bandgap, Isocyanide-Based Coordination Polymer Framework for Micro-Supercapacitors with AC Line-Filtering Performance. <i>Macromolecular Chemistry and Physics</i> , 2200037	2.6	1
2	Regulation of Crystallinity and Vertical Phase Separation Enables High-Efficiency Thick Organic Solar Cells. <i>Advanced Functional Materials</i> , 2202103	15.6	5
1	Core-Shell Structured Fe <sub>3</sub> O <sub>4</sub> Catalysts with Enriched Iron Sites in Surface Layers for Proton-Exchange Membrane Fuel Cells. <i>ACS Catalysis</i> , 6409-6417	13.1	5