Ruihu Wang

List of Publications by Year
in descending order

115 papers	7,741 citations	36303 51 h-index	54911 84 g-index
116 all docs	116 docs citations	116 times ranked	8704 citing authors

#	Article	IF	Citations
1	Geometrical-Site-Dependent Catalytic Activity of Ordered Mesoporous Co-Based Spinel for Benzene Oxidation: In Situ DRIFTS Study Coupled with Raman and XAFS Spectroscopy. ACS Catalysis, 2017, 7, 1626-1636.	11.2	281
2	Bis[3-(5-nitroimino-1,2,4-triazolate)]-Based Energetic Salts: Synthesis and Promising Properties of a New Family of High-Density Insensitive Materials. Journal of the American Chemical Society, 2010, 132, 11904-11905.	13.7	273
3	Ultrafine Ti₃C₂ MXene Nanodots-Interspersed Nanosheet for High-Energy-Density Lithiumâ€"Sulfur Batteries. ACS Nano, 2019, 13, 3608-3617.	14.6	235
4	Elastic Sandwichâ€Type rGOâ€"VS₂/S Composites with High Tap Density: Structural and Chemical Cooperativity Enabling Lithiumâ€"Sulfur Batteries with High Energy Density. Advanced Energy Materials, 2018, 8, 1702337.	19.5	227
5	Structural Evolution from Metalâ€"Organic Framework to Hybrids of Nitrogen-Doped Porous Carbon and Carbon Nanotubes for Enhanced Oxygen Reduction Activity. Chemistry of Materials, 2015, 27, 7610-7618.	6.7	217
6	Molybdenum Phosphide/Carbon Nanotube Hybrids as pHâ€Universal Electrocatalysts for Hydrogen Evolution Reaction. Advanced Functional Materials, 2018, 28, 1706523.	14.9	185
7	A new type of three-dimensional framework constructed from dodecanuclear cadmium(ii) macrocyclesElectronic supplementary information (ESI) available: Synthesis of 1 Figures S1â€"S4. See http://www.rsc.org/suppdata/cc/b2/b212425d/This work was supported by the National Nature Science Foundation of China, Nature Science Foundation of Fujian Province and the Key Project of Chinese Academy of Science.. Chemical Communications, 2003, , 1018-1019.	4.1	174
8	Sandwich-Type NbS₂@S@I-Doped Graphene for High-Sulfur-Loaded, Ultrahigh-Rate, and Long-Life Lithiumâ€"Sulfur Batteries. ACS Nano, 2017, 11, 8488-8498.	14.6	174
9	MXene-engineered lithiumâ€"sulfur batteries. Journal of Materials Chemistry A, 2019, 7, 22730-22743.	10.3	174
10	Separator Modified by Cobaltâ€Embedded Carbon Nanosheets Enabling Chemisorption and Catalytic Effects of Polysulfides for Highâ€Energyâ€Density Lithiumâ€Sulfur Batteries. Advanced Energy Materials, 2019, 9, 1901609.	19.5	158
11	Hollow POM@MOF hybrid-derived porous Co₃O₄/CoMoO₄ nanocages for enhanced electrocatalytic water oxidation. Journal of Materials Chemistry A, 2018, 6, 1639-1647.	10.3	156
12	Porous Organic Polymers for Polysulfide Trapping in Lithiumâ€"Sulfur Batteries. Advanced Functional Materials, 2018, 28, 1707597.	14.9	154
13	Synchronous Gains of Areal and Volumetric Capacities in Lithiumâ€"Sulfur Batteries Promised by Flower-like Porous Ti₃C₂T_{<i>x</i>} Matrix. ACS Nano, 2019, 13, 3404-3412.	14.6	153
14	Engineering MoS₂ Basal Planes for Hydrogen Evolution via Synergistic Ruthenium Doping and Nanocarbon Hybridization. Advanced Science, 2019, 6, 1900090.	11.2	148
15	Facile Fabrication of Ultrafine Palladium Nanoparticles with Size- and Location-Control in Click-Based Porous Organic Polymers. ACS Nano, 2014, 8, 5352-5364.	14.6	147
16	General Construction of Molybdenumâ€Based Nanowire Arrays for pHâ€Universal Hydrogen Evolution Electrocatalysis. Advanced Functional Materials, 2018, 28, 1804600.	14.9	134
17	The Electrostatic Attraction and Catalytic Effect Enabled by Ionicâ€"Covalent Organic Nanosheets on MXene for Separator Modification of Lithiumâ€"Sulfur Batteries. Advanced Materials, 2021, 33, e2007803.	21.0	133
18	Synthesis, Crystal Structure and Fluorescence of Two Novel Mixed-Ligand Cadmium Coordination Polymers with Different Structural Motifs. European Journal of Inorganic Chemistry, 2003, 2003, 2705-2710.	2.0	128

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19	Furazanâ€Functionalized Tetrazolateâ€Based Salts: A New Family of Insensitive Energetic Materials. Chemistry - A European Journal, 2009, 15, 2625-2634.	3.3	127
20	Engineered Interfusion of Hollow Nitrogenâ€Doped Carbon Nanospheres for Improving Electrochemical Behavior and Energy Density of Lithiumâ€"Sulfur Batteries. Advanced Functional Materials, 2019, 29, 1902322.	14.9	125
21	Covalent Organic Framework Hosting Metalloporphyrinâ€Based Carbon Dots for Visibleâ€Lightâ€Driven Selective CO₂Reduction. Advanced Functional Materials, 2020, 30, 2002654.	14.9	125
22	Covalent organic frameworks with lithiophilic and sulfiphilic dual linkages for cooperative affinity to polysulfides in lithium-sulfur batteries. Energy Storage Materials, 2018, 12, 252-259.	18.0	117
23	A Covalent Triazineâ€Based Framework Consisting of Donorâ€"Acceptor Dyads for Visibleâ€Lightâ€Driven Photocatalytic CO₂ Reduction. ChemSusChem, 2019, 12, 4493-4499.	6.8	110
24	A palladium chelating complex of ionic water-soluble nitrogen-containing ligand: the efficient precatalyst for Suzukiâ€"Miyaura reaction in water. Green Chemistry, 2011, 13, 2100.	9.0	106
25	Imidazolium-Based Porous Organic Polymers: Anion Exchange-Driven Capture and Luminescent Probe of Cr₂O₇^{2â€"}. ACS Applied Materials & Interfaces, 2016, 8, 18904-18911.	8.0	105
26	Tailorable Synthesis of Porous Organic Polymers Decorating Ultrafine Palladium Nanoparticles for Hydrogenation of Olefins. ACS Catalysis, 2015, 5, 948-955.	11.2	99
27	The Fusion of Imidazoliumâ€Based Ionic Polymer and Carbon Nanotubes: One Type of New Heteroatomâ€Doped Carbon Precursors for Highâ€Performance Lithiumâ€"Sulfur Batteries. Advanced Functional Materials, 2017, 27, 1703936.	14.9	98
28	pH-Responsive chelating N-heterocyclic dicarbene palladium(ii) complexes: recoverable precatalysts for Suzukiâ€"Miyaura reaction in pure water. Green Chemistry, 2011, 13, 2071.	9.0	90
29	Imidazoliumâ€•and Triazineâ€Based Porous Organic Polymers for Heterogeneous Catalytic Conversion of CO₂ into Cyclic Carbonates. ChemSusChem, 2017, 10, 4855-4863.	6.8	89
30	A Three-Dimensional Manganese(II) Complex Exhibiting Ferrimagnetic and Metamagnetic Behaviors. Inorganic Chemistry, 2003, 42, 5486-5488.	4.0	88
31	Tailor-made porosities of fluorene-based porous organic frameworks for the pre-designable fabrication of palladium nanoparticles with size, location and distribution control. Chemical Science, 2016, 7, 2188-2194.	7.4	84
32	The Interfacial Electronic Engineering in Binary Sulfiphilic Cobalt Boride Heterostructure Nanosheets for Upgrading Energy Density and Longevity of Lithiumâ€Sulfur Batteries. Advanced Materials, 2021, 33, e2102338.	21.0	83
33	Photoelectron Transfer Mediated by the Interfacial Electron Effects for Boosting Visible-Light-Driven CO₂ Reduction. ACS Catalysis, 2022, 12, 3550-3557.	11.2	83
34	Inorganic Acidâ€Impregnated Covalent Organic Gels as Highâ€Performance Protonâ€Conductive Materials at Subzero Temperatures. Advanced Functional Materials, 2017, 27, 1701465.	14.9	80
35	Nanohybrid of Carbon Quantum Dots/Molybdenum Phosphide Nanoparticle for Efficient Electrochemical Hydrogen Evolution in Alkaline Medium. ACS Applied Materials & Interfaces, 2018, 10, 9460-9467.	8.0	80
36	Recent advances in non-precious metal electrocatalysts for pH-universal hydrogen evolution reaction. Green Energy and Environment, 2021, 6, 458-478.	8.7	79

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37	Engineering interfacial coupling between Mo2C nanosheets and Co@NC polyhedron for boosting electrocatalytic water splitting and zinc-air batteries. Applied Catalysis B: Environmental, 2021, 296, 120360.	20.2	79
38	Heteroatomâ€doped Carbon Spheres from Hierarchical Hollow Covalent Organic Framework Precursors for Metalâ€Free Catalysis. ChemSusChem, 2017, 10, 4921-4926.	6.8	75
39	Metalloporphyrin-based covalent organic frameworks composed of the electron donor-acceptor dyads for visible-light-driven selective CO2 reduction. Science China Chemistry, 2020, 63, 1289-1294.	8.2	73
40	POM-assisted coating of MOF-derived Mo-doped Co3O4 nanoparticles on carbon nanotubes for upgrading oxygen evolution reaction. Chemical Engineering Journal, 2021, 408, 127352.	12.7	72
41	Robust ruthenium diphosphide nanoparticles for pH-universal hydrogen evolution reaction with platinum-like activity. Applied Catalysis B: Environmental, 2020, 274, 119092.	20.2	69
42	Self-Assembly of Three CdII- and CuII-Containing Coordination Polymers from 4,4â€²-Dipyridyl Disulfide. European Journal of Inorganic Chemistry, 2003, 2003, 3623-3632.	2.0	67
43	Dyadic promotion of photocatalytic aerobic oxidation <i>via</i> the Mottâ€"Schottky effect enabled by nitrogen-doped carbon from imidazolium-based ionic polymers. Energy and Environmental Science, 2019, 12, 418-426.	30.8	67
44	Ionicâ€Liquidâ€Modified Clickâ€Based Porous Organic Polymers for Controlling Capture and Catalytic Conversion of CO₂. ChemSusChem, 2020, 13, 180-187.	6.8	65
45	Structureâ€"Activity Relationships of AMn₂O₄ (A = Cu and Co) Spinels in Selective Catalytic Reduction of NO_{<i>x</i>}: Experimental and Theoretical Study. Journal of Physical Chemistry C, 2017, 121, 3339-3349.	3.1	62
46	Urea-Functionalized Imidazolium-Based Ionic Polymer for Chemical Conversion of CO₂ into Organic Carbonates. ACS Sustainable Chemistry and Engineering, 2019, 7, 2380-2387.	6.7	60
47	Microenvironments Enabled by Covalent Organic Framework Linkages for Modulating Active Metal Species in Photocatalytic CO₂ Reduction. Advanced Functional Materials, 2022, 32, .	14.9	59
48	Transformation of Covalent Organic Frameworks from <i>N</i>â€Acylhydrazone to Oxadiazole Linkages for Smooth Electron Transfer in Photocatalysis. Angewandte Chemie - International Edition, 2022, 61, .	13.8	59
49	Highly Conductive Porous Transition Metal Dichalcogenides via Water Steam Etching for High-Performance Lithiumâ€"Sulfur Batteries. ACS Applied Materials & Interfaces, 2017, 9, 18845-18855.	8.0	57
50	Engineering Synergistic Edgeâ€N Dipole in Metalâ€Free Carbon Nanoflakes toward Intensified Oxygen Reduction Electrocatalysis. Advanced Functional Materials, 2021, 31, 2103187.	14.9	54
51	Spatial control of palladium nanoparticles in flexible click-based porous organic polymers for hydrogenation of olefins and nitrobenzene. Nano Research, 2015, 8, 709-721.	10.4	52
52	Shape-Controllable Formation of Poly-imidazolium Salts for Stable Palladium N-Heterocyclic Carbene Polymers. Scientific Reports, 2014, 4, 5478.	3.3	52
53	Designed Construction of Cluster Organic Frameworks from Lindqvist-type Polyoxovanadate Cluster. Inorganic Chemistry, 2018, 57, 10323-10330.	4.0	52
54	Facile fabrication of ultrafine nickel-iridium alloy nanoparticles/graphene hybrid with enhanced mass activity and stability for overall water splitting. Journal of Energy Chemistry, 2020, 49, 166-173.	12.9	50

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55	A durable luminescent ionic polymer for rapid detection and efficient removal of toxic Cr₂O₇^{2âˆ’}. Journal of Materials Chemistry A, 2016, 4, 12554-12560.	10.3	49
56	Recent Advances on Metalloporphyrinâ€Based Materials for Visibleâ€Lightâ€Driven CO₂ Reduction. ChemSusChem, 2020, 13, 6124-6140.	6.8	49
57	Nitrogen-rich nitroguanidyl-functionalized tetrazolate energetic salts. Chemical Communications, 2009, , 2697.	4.1	48
58	Nitroguanidineâ€Fused Bicyclic Guanidinium Salts: A Family of Highâ€Density Energetic Materials. Chemistry - A European Journal, 2010, 16, 8522-8529.	3.3	48
59	Enhanced Chemisorption and Catalytic Effects toward Polysulfides by Modulating Hollow Nanoarchitectures for Longâ€Life Lithiumâ€“Sulfur Batteries. Small, 2020, 16, e1906114.	10.0	48
60	Carbon Dioxide Conversion Upgraded by Hostâ€guest Cooperation between Nitrogenâ€Rich Covalent Organic Framework and Imidazoliumâ€Based Ionic Polymer. ChemSusChem, 2020, 13, 6323-6329.	6.8	48
61	Syntheses and Crystal Structures of Five Cadmium(II) Complexes Derived from 4-Aminobenzoic Acid. European Journal of Inorganic Chemistry, 2002, 2002, 2904-2912.	2.0	47
62	Flexible Porous Organic Polymer Membranes for Protonic Fieldâ€Effect Transistors. Advanced Materials, 2020, 32, e2000730.	21.0	47
63	New Types of Homochiral Helical Coordination Polymers Constructed byexo-Bidentate Binaphthol Derivatives. European Journal of Inorganic Chemistry, 2004, 2004, 1595-1599.	2.0	46
64	Metal-Directed Self-Assembly: Two New Metal-Binicotinate Grid Polymeric Networks and Their Fluorescence Emission Tuned by Ligand Configuration. European Journal of Inorganic Chemistry, 2004, 2004, 2695-2700.	2.0	45
65	Copper-catalyzed hydroxylation of aryl halides: efficient synthesis of phenols, alkyl aryl ethers and benzofuran derivatives in neat water. Green Chemistry, 2015, 17, 3910-3915.	9.0	44
66	General Synthetic Route toward Highly Dispersed Ultrafine Pdâ€“Au Alloy Nanoparticles Enabled by Imidazolium-Based Organic Polymers. ACS Applied Materials & Interfaces, 2018, 10, 776-786.	8.0	41
67	Self-Assembly of Five Cadmium(II) Coordination Polymers from 4,4â€²-Diaminodiphenylmethane. European Journal of Inorganic Chemistry, 2003, 2003, 1778-1784.	2.0	40
68	Use of Acylhydrazineâ€•and Acylhydrazoneâ€Type Ligands to Promote CuIâ€Catalyzed Câ€“N Crossâ€Coupling Reactions of Aryl Bromides with Nâ€Heterocycles. European Journal of Organic Chemistry, 2011, 2011, 2692-2696.	2.4	40
69	Ultrahigh volumetric capacity enabled by dynamic evolutions of host-guest pairs in self-supporting lithium-sulfur batteries. Nano Energy, 2020, 70, 104522.	16.0	40
70	Water-Soluble and Low-Toxic Ionic Polymer Dots as Invisible Security Ink for MultiStage Information Encryption. ACS Applied Materials & Interfaces, 2019, 11, 1480-1486.	8.0	39
71	High sulfur content and volumetric capacity promised by a compact freestanding cathode for high-performance lithiumâ€“sulfur batteries. Energy Storage Materials, 2020, 27, 435-442.	18.0	39
72	A non-carbon catalyst support upgrades the intrinsic activity of ruthenium for hydrogen evolution electrocatalysis via strong interfacial electronic effects. Nano Energy, 2020, 75, 104981.	16.0	39

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73	Syntheses, Structures, and Characterization of Two Manganese(II)-Aminobenzoic Complexes. European Journal of Inorganic Chemistry, 2006, 2006, 1649-1656.	2.0	38
74	Gold nanoparticles supported by imidazolium-based porous organic polymers for nitroarene reduction. Dalton Transactions, 2016, 45, 16896-16903.	3.3	37
75	Facile fabrication of Cu-based alloy nanoparticles encapsulated within hollow octahedral N-doped porous carbon for selective oxidation of hydrocarbons. Chemical Science, 2018, 9, 8703-8710.	7.4	35
76	Click-based porous organic framework containing chelating terdentate units and its application in hydrogenation of olefins. Journal of Materials Chemistry A, 2014, 2, 7502-7508.	10.3	30
77	Bauxite-supported Transition Metal Oxides: Promising Low-temperature and SO2-tolerant Catalysts for Selective Catalytic Reduction of NOx. Scientific Reports, 2015, 5, 9766.	3.3	30
78	Electrostatic trapping of polysulfides enabled by imidazolium-based ionic polymers for high-energy-density lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2018, 6, 7375-7381.	10.3	30
79	Studies on SO₂ Tolerance and Regeneration over Perovskite-Type LaCo_{1â€“<i>x</i>}Pt_{<i>x</i>}O₃ in NO_{<i>x</i>} Storage and Reduction. Journal of Physical Chemistry C, 2014, 118, 13743-13751.	3.1	29
80	Benzimidazoleâ€Containing Porous Organic Polymers as Highly Active Heterogeneous Solidâ€Base Catalysts. ChemCatChem, 2015, 7, 1559-1565.	3.7	29
81	Prefunctionalized Porous Organic Polymers: Effective Supports of Surface Palladium Nanoparticles for the Enhancement of Catalytic Performances in Dehalogenation. Chemistry - A European Journal, 2016, 22, 12533-12541.	3.3	28
82	Syntheses and Characterizations of Metal-Organic Frameworks with Unusual Topologies Derived from Flexible Dipyridyl Ligands. European Journal of Inorganic Chemistry, 2004, 2004, 3751.	2.0	27
83	Synthesis and Crystal Structures of Coordination Complexes Containing Cu₂I₂ Units and Their Application in Luminescence and Catalysis. ChemPlusChem, 2013, 78, 1491-1502.	2.8	26
84	Ultrafine cobalt-ruthenium alloy nanoparticles induced by confinement effect for upgrading hydrogen evolution reaction in all-pH range. Chemical Engineering Journal, 2021, 417, 128047.	12.7	26
85	Influence of transition metals (M = Co, Fe and Mn) on ordered mesoporous CuM/CeO₂ catalysts and applications in selective catalytic reduction of NO_x with H₂. RSC Advances, 2015, 5, 63135-63141.	3.6	25
86	Palladium Nanoparticles Supported by Carboxylate-Functionalized Porous Organic Polymers for Additive-Free Hydrogen Generation from Formic Acid. ACS Sustainable Chemistry and Engineering, 2017, 5, 8061-8069.	6.7	25
87	Highly Dispersed Ultrafine Palladium Nanoparticles Enabled by Functionalized Porous Organic Polymer for Additiveâ€Free Dehydrogenation of Formic Acid. ChemCatChem, 2018, 10, 1431-1437.	3.7	25
88	Waterâ€Soluble Palladium Click Chelating Complex: An Efficient and Reusable Precatalyst for Suzukiâ€“Miyaura and Hiyama Reactions in Water. ChemPlusChem, 2013, 78, 536-545.	2.8	24
89	Flexible Cathode Materials Enabled by a Multifunctional Covalent Organic Gel for Lithiumâ€“Sulfur Batteries with High Areal Capacities. ACS Applied Materials & Interfaces, 2019, 11, 8032-8039.	8.0	24
90	MOF-aided topotactic transformation into nitrogen-doped porous Mo₂C mesocrystals for upgrading the pH-universal hydrogen evolution reaction. Journal of Materials Chemistry A, 2020, 8, 20429-20435.	10.3	24

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91	Hollow click-based porous organic polymers for heterogenization of [Ru(bpy)3]2+ through electrostatic interactions. Nano Research, 2016, 9, 779-786.	10.4	23
92	Metalâ€“Organic Framework-Derived CuS Nanocages for Selective CO ₂ Electroreduction to Formate. CCS Chemistry, 2021, 3, 199-207.	7.8	23
93	Metal-Directed Stereoselective Syntheses of Homochiral Complexes ofexo-Bidentate Binaphthol Derivatives. European Journal of Inorganic Chemistry, 2005, 2005, 751-758.	2.0	20
94	Solvent-mediated crystal-to-crystal transformations from a cationic homometallic metalâ€“organic framework to heterometallic frameworks. CrystEngComm, 2014, 16, 8818-8824.	2.6	20
95	Facile Synthesis and Tunable Porosities of Imidazoliumâ€Based Ionic Polymers that Contain Inâ€…Situ Formed Palladium Nanoparticles. ChemCatChem, 2016, 8, 2234-2240.	3.7	19
96	LaCoO₃ perovskite in Pt/LaCoO₃/K/Al₂O₃ for the improvement of NO_x storage and reduction performances. RSC Advances, 2016, 6, 74046-74052.	3.6	17
97	Additive-Free Hydrogen Generation from Formic Acid Boosted by Amine-Functionalized Imidazolium-Based Ionic Polymers. ACS Sustainable Chemistry and Engineering, 2018, 6, 10421-10428.	6.7	17
98	Efficient Copperâ€Catalyzed Ullmann Reaction of Aryl Bromides with Imidazoles in Water Promoted by a pHâ€Responsive Ligand. ChemCatChem, 2013, 5, 2978-2982.	3.7	16
99	Rareâ€Earthâ€Doped Pt/Ba/Ce_{0.6}Zr_{0.4}O₂â€Al₂O₃ for NO_{<i>x</i>} Storage and Reduction: The Effect of Rareâ€Earth Doping on Efficiency and Stability. ChemCatChem, 2014, 6, 237-244.	3.7	15
100	Effects of hydroxy substituents on Cu(<scp>ii</scp>) coordination polymers based on 5-hydroxyisophthalate derivatives and 1,4-bis(2-methylimidazol-1-yl)benzene. CrystEngComm, 2015, 17, 4883-4894.	2.6	15
101	Ammonia-free fabrication of ultrafine vanadium nitride nanoparticles as interfacial mediators for promoting electrochemical behaviors of lithiumâ€“sulfur batteries. Nanoscale, 2021, 13, 5292-5299.	5.6	15
102	Waterâ€Soluble Ionic Palladium Complexes: Effect of Pendant Ionic Groups on Palladium Nanoparticles and Suzukiâ€“Miyaura Reaction in Neat Water. ChemPlusChem, 2014, 79, 257-265.	2.8	12
103	Solventâ€Induced Facile Synthesis of Cubicâ€, Sphericalâ€, and Honeycombâ€Shape Palladium <i>N</i>â€Heterocyclic Carbene Particles and Catalytic Applications in Cyanosilylation. Small, 2015, 11, 3642-3647.	10.0	12
104	Regulating Utilization Efficiency of the Photogenerated Charge Carriers by Constructing Donorâ€“Ï€â€“Acceptor Polymers for Upgrading Photocatalytic CO₂Reduction. ChemSusChem, 2021, 14, 2749-2756.	6.8	12
105	Chemically Activating Tungsten Disulfide <i>via</i> Structural and Electronic Engineering Strategy for Upgrading the Hydrogen Evolution Reaction. ACS Applied Materials & Interfaces, 2021, 13, 49793-49801.	8.0	12
106	Accelerating water oxidation kinetics via synergistic in-layer modification and interlayer reconstruction over hetero-epitaxial Fe-Mn-O nanosheets. Chemical Engineering Journal, 2022, 441, 136122.	12.7	10
107	Transformation of Covalent Organic Frameworks from <i>N</i>â€Acylhydrazone to Oxadiazole Linkages for Smooth Electron Transfer in Photocatalysis. Angewandte Chemie, 2022, 134, .	2.0	8
108	Lithium Sulfur Batteries: Elastic Sandwich-Type rGO-VS2 /S Composites with High Tap Density: Structural and Chemical Cooperativity Enabling Lithium-Sulfur Batteries with High Energy Density (Adv. Energy Mater. 10/2018). Advanced Energy Materials, 2018, 8, 1870046.	19.5	6

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109	Robust ultrafine ruthenium nanoparticles enabled by covalent organic gel precursor for selective reduction of nitrobenzene in water. Dalton Transactions, 2019, 48, 2345-2351.	3.3	6
110	Ptï£¿M/Ba/Al₂O₃ï£¿Ce_{0.6}Zr_{0.4}O₂: Influence of Synergetic Interactions between Transition Metal and Platinum on NO_{<i>x</i>} Storage and Reduction. ChemPlusChem, 2014, 79, 1167-1175.	2.8	5
111	Carbon Dioxide Conversion Upgraded by Hostâ€guest Cooperation between Nitrogenâ€Rich Covalent Organic Framework and Imidazoliumâ€Based Ionic Polymer. ChemSusChem, 2020, 13, 6050-6050.	6.8	5
112	Lithiumâ€“Sulfur Batteries: The Fusion of Imidazoliumâ€Based Ionic Polymer and Carbon Nanotubes: One Type of New Heteroatomâ€Doped Carbon Precursors for Highâ€Performance Lithiumâ€“Sulfur Batteries (Adv. Funct. Mater. 44/2017). Advanced Functional Materials, 2017, 27, .	14.9	1
113	Carbene: Solventâ€Induced Facile Synthesis of Cubicâ€, Sphericalâ€, and Honeycombâ€Shape Palladium <i>N</i>â€Heterocyclic Carbene Particles and Catalytic Applications in Cyanosilylation (Small 30/2015). Small, 2015, 11, 3641-3641.	10.0	0
114	Covalent Organic Gels: Inorganic Acidâ€Impregnated Covalent Organic Gels as Highâ€Performance Protonâ€Conductive Materials at Subzero Temperatures (Adv. Funct. Mater. 32/2017). Advanced Functional Materials, 2017, 27, .	14.9	0
115	STRATEGIES FOR THE CONSTRUCTION OF COMPLEXES BASED ON METAL CLUSTERS. , 2002, , .		0