Chun-Sen Liu

List of Publications by Year in Descending Order

239 papers	14,905 citations	68 h-index	113 g-index
248 ext. papers	18,282 ext. citations	9.3 avg, IF	7.51 L-index

#	Paper	IF	Citations
239	Ultrasmall metal (Fe, Co, Ni) nanoparticles strengthen silicon oxide embedded nitrogen-doped carbon superstructures for long-cycle-life Li-ion-battery anodes. *Chemical Engineering Journal*, **2022**, 432, 134413	14.7	2
238	Construction of SiO/nitrogen-doped carbon superstructures derived from rice husks for boosted lithium storage. *Journal of Colloid and Interface Science*, **2022**, 606, 784-792	9.3	11
237	Framework materials for supercapacitors. *Nanotechnology Reviews*, **2022**, 11, 1005-1046	6.3	6
236	Supramolecular Gel-Derived Highly Efficient Bifunctional Catalysts for Omnidirectionally Stretchable Zn-Air Batteries with Extreme Environmental Adaptability.. *Advanced Science*, **2022**, e2200753	13.6	1
235	One-dimensional metal-organic frameworks for electrochemical applications. *Advances in Colloid and Interface Science*, **2021**, 298, 102562	14.3	8
234	Synthesis of 3D printing materials and their electrochemical applications. *Chinese Chemical Letters*, **2021**,	8.1	4
233	Sintered Ni metal as a matrix of robust self-supporting electrode for ultra-stable hydrogen evolution. *Chemical Engineering Journal*, **2021**, 430, 133040	14.7	1
232	A controllable preparation of two-dimensional cobalt oxalate-based nanostructured sheets for electrochemical energy storage. *Chinese Chemical Letters*, **2021**,	8.1	4
231	Formation mechanism and properties of NiCoFeLDH@ZIF-67 composites. *Chinese Chemical Letters*, **2021**,	8.1	4
230	In Situ Anchoring Polymetallic Phosphide Nanoparticles within Porous Prussian Blue Analogue Nanocages for Boosting Oxygen Evolution Catalysis. *Nano Letters*, **2021**, 21, 3016-3025	11.5	75
229	Solvent regulation strategy of Co-MOF-74 microflower for supercapacitors. *Chinese Chemical Letters*, **2021**, 32, 2909-2909	8.1	5
228	General synthesis of nitrogen-doped metal (M = Co2+, Mn2+, Ni2+, or Cu2+) phosphates. *Chemical Engineering Journal*, **2021**, 411, 128544	14.7	10
227	Self-healing mechanism and bioelectrochemical interface properties of core-shell guanosine-borate hydrogels. *Journal of Colloid and Interface Science*, **2021**, 590, 103-113	9.3	4
226	Conferring supramolecular guanosine gel nanofiber with ZIF-67 for high-performance oxygen reduction catalysis in rechargeable zinc–air batteries. *Applied Catalysis B: Environmental*, **2021**, 286, 119888	21.8	19
225	Ultrathin One-Dimensional Ni-MIL-77 Nanobelts for High-Performance Electrocatalytic Urea Evolution. *Crystal Growth and Design*, **2021**, 21, 3639-3644	3.5	1
224	Synthesis of nickel-metal organic framework nanoplates with pyridine modulation and application to supercapacitors. *Journal of Energy Storage*, **2021**, 38, 102528	7.8	4
223	Controllable synthesis of a flower-like superstructure of nickel metal-organic phosphate and its derivatives for supercapacitors. *Applied Materials Today*, **2021**, 23, 101048	6.6	2

222	A Review of MOFs and Their Composites-Based Photocatalysts: Synthesis and Applications. *Advanced Functional Materials*, **2021**, 31, 2104231	15.6	50
221	Cu-alanine complex-derived CuO electrocatalysts with hierarchical nanostructures for efficient oxygen evolution. *Chinese Chemical Letters*, **2021**, 32, 2239-2242	8.1	2
220	When Conductive MOFs Meet MnO: High Electrochemical Energy Storage Performance in an Aqueous Asymmetric Supercapacitor. *ACS Applied Materials & Interfaces*, **2021**, 13, 33083-33090	9.5	27
219	Pyridine-modulated Ni/Co bimetallic metal-organic framework nanoplates for electrocatalytic oxygen evolution. *Science China Materials*, **2021**, 64, 137-148	7.1	27
218	NiO nanoparticles decorated hexagonal Nickel-based metal-organic framework: Self-template synthesis and its application in electrochemical energy storage. *Journal of Colloid and Interface Science*, **2021**, 581, 709-718	9.3	19
217	VOx/VSx@Graphene nanocomposites for electrochemical energy storage. *Chemical Engineering Journal*, **2021**, 404, 126310	14.7	3
216	Exposing (0 0 1) crystal facet on the single crystalline β-Ni(OH)2 quasi-nanocubes for aqueous Ni-Zn batteries. *Chemical Engineering Journal*, **2021**, 413, 127523	14.7	12
215	Application of graphene-metal/conductive polymer based composites in supercapacitors?. *Journal of Energy Storage*, **2021**, 33, 102037	7.8	14
214	Synthesis of hollow amorphous cobalt phosphide-cobalt oxide composite with interconnected pores for oxygen evolution reaction. *Chemical Engineering Journal*, **2021**, 416, 127884	14.7	15
213	Metal–Organic Framework-Based Hybrid Frameworks. *Small Structures*, **2021**, 2, 2000078	8.7	31
212	Design of hollow carbon-based materials derived from metal–organic frameworks for electrocatalysis and electrochemical energy storage. *Journal of Materials Chemistry A*, **2021**, 9, 3880-3917	13	41
211	Nano/Micro MOF-Based Materials **2021**, 1-40		
210	Recent advances in the development of electronically and ionically conductive metal-organic frameworks. *Coordination Chemistry Reviews*, **2021**, 439, 213915	23.2	40
209	Heat treatment-induced Co3+ enrichment in CoFePBA to enhance OER electrocatalytic performance. *Chinese Chemical Letters*, **2021**,	8.1	3
208	From Co-MOF to CoNi-MOF to Ni-MOF: A Facile Synthesis of 1D Micro-/Nanomaterials. *Inorganic Chemistry*, **2021**, 60, 13168-13176	5.1	4
207	Low-Molecular-Weight Supramolecular-Polymer Double-Network Eutectogels for Self-Adhesive and Bidirectional Sensors. *Advanced Functional Materials*, **2021**, 31, 2104963	15.6	15
206	Metal–organic frameworks-derived metal phosphides for electrochemistry application. *Green Energy and Environment*, **2021**,	5.7	3
205	Synthesis and application of metal-organic framework films. *Coordination Chemistry Reviews*, **2021**, 444, 214060	23.2	15

204	Advances in metal–organic framework-based nanozymes and their applications. *Coordination Chemistry Reviews*, **2021**, 449, 214216	23.2	16
203	Super-stretchable and extreme temperature-tolerant supramolecular-polymer double-network eutectogels with ultrafast adhesion and flexible electrochromic behaviour. *Materials Horizons*, **2021**, 8, 2520-2532	14.4	9
202	Recent progress of dimensionally designed electrode nanomaterials in aqueous electrochemical energy storage. *Journal of Materials Chemistry A*, **2021**, 9, 9535-9572	13	19
201	Ultrathin Ni-MOF Nanobelts-Derived Composite for High Sensitive Detection of Nitrite. *Frontiers in Chemistry*, **2020**, 8, 330	5	9
200	A new [Co21(H2O)4(OH)12]30+ unit-incorporating polyoxotungstate for sensitive detection of dichlorvos. *New Journal of Chemistry*, **2020**, 44, 11336-11341	3.6	4
199	Synthesis of "Quasi-Ce-MOF" Electrocatalysts for Enhanced Urea Oxidation Reaction Performance. *ACS Sustainable Chemistry and Engineering*, **2020**, 8, 8675-8680	8.3	36
198	CeO2 quantum dots doped Ni-Co hydroxide nanosheets for ultrahigh energy density asymmetric supercapacitors. *Chinese Chemical Letters*, **2020**, 31, 2330-2332	8.1	15
197	Hollow cobalt-iron prussian blue analogue nanocubes for high-performance supercapacitors. *Journal of Energy Storage*, **2020**, 31, 101544	7.8	17
196	Nitrogen-, phosphorus-doped carbon–carbon nanotube CoP dodecahedra by controlling zinc content for high-performance electrocatalytic oxygen evolution. *Rare Metals*, **2020**, 39, 680-687	5.5	37
195	Applications of Tin Sulfide-Based Materials in Lithium-Ion Batteries and Sodium-Ion Batteries. *Advanced Functional Materials*, **2020**, 30, 2001298	15.6	90
194	Design and synthesis of nitrogen-doped hexagonal NiCoO nanoplates derived from Ni-Co-MOF for high-performance electrochemical energy storage. *Chinese Chemical Letters*, **2020**, 31, 2280-2286	8.1	38
193	Morphology and size controlled synthesis of Co-doped MIL-96 by different alkaline modulators for sensitively detecting alpha-fetoprotein. *Chinese Chemical Letters*, **2020**, 31, 2263-2267	8.1	10
192	Two-Dimensional MOF and COF Nanosheets: Synthesis and Applications in Electrochemistry. *Chemistry - A European Journal*, **2020**, 26, 6402-6422	4.8	75
191	Clean utilization of palm kernel shell: sustainable and naturally heteroatom-doped porous activated carbon for lithium–sulfur batteries. *Rare Metals*, **2020**, 39, 1099-1106	5.5	48
190	Supramolecular G4 Eutectogels of Guanosine with Solvent-Induced Chiral Inversion and Excellent Electrochromic Activity. *Angewandte Chemie - International Edition*, **2020**, 59, 18768-18773	16.4	22
189	Oxalate-derived porous prismatic nickel/nickel oxide nanocomposites toward lithium-ion battery. *Journal of Colloid and Interface Science*, **2020**, 580, 614-622	9.3	20
188	Synthesis of confining cobalt nanoparticles within SiO /nitrogen-doped carbon framework derived from sustainable bamboo leaves as oxygen electrocatalysts for rechargeable Zn-air batteries. *Chemical Engineering Journal*, **2020**, 401, 126005	14.7	44
187	Ultrathin nanosheet-assembled accordion-like Ni-MOF for hydrazine hydrate amperometric sensing. *Mikrochimica Acta*, **2020**, 187, 168	5.8	14

186	Metal□rganic frameworks as a platform for clean energy applications. *EnergyChem*, **2020**, 2, 100027	36.9	377
185	Controllable synthesis of a mesoporous NiO/Ni nanorod as an excellent catalyst for urea electro-oxidation. *Inorganic Chemistry Frontiers*, **2020**, 7, 2089-2096	6.8	31
184	A review of electrochemical energy storage behaviors based on pristine metal□rganic frameworks and their composites. *Coordination Chemistry Reviews*, **2020**, 416, 213341	23.2	94
183	Ultrathin nickel terephthalate nanosheet three-dimensional aggregates with disordered layers for highly efficient overall urea electrolysis. *Chemical Engineering Journal*, **2020**, 395, 125166	14.7	31
182	CoP@SiO2nanoreactors: A core-shell structure for efficient electrocatalytic oxygen evolution reaction. *Chinese Chemical Letters*, **2020**, 31, 2300-2304	8.1	22
181	Ni/Co bimetallic organic framework nanosheet assemblies for high-performance electrochemical energy storage. *Nanoscale*, **2020**, 12, 10685-10692	7.7	24
180	Recent advances in metal organic frameworks and their composites for batteries. *Nano Futures*, **2020**, 4, 032007	3.6	5
179	A Novel Ag(I)-Containing Polyoxometalate-Based MOF for Visible-Light-Driven Water Oxidation. *Journal of Cluster Science*, **2020**, 31, 983-988	3	1
178	Cu/Cu2O nanostructures derived from copper oxalate as high performance electrocatalyst for glucose oxidation. *Chinese Chemical Letters*, **2020**, 31, 1941-1945	8.1	31
177	Amorphous cobalt phosphate porous nanosheets derived from two-dimensional cobalt phosphonate organic frameworks for high performance of oxygen evolution reaction. *Applied Materials Today*, **2020**, 18, 100517	6.6	18
176	Synthesis of micro/nanoscaled metal-organic frameworks and their direct electrochemical applications. *Chemical Society Reviews*, **2020**, 49, 301-331	58.5	416
175	Amorphous Intermediate Derivative from ZIF-67 and Its Outstanding Electrocatalytic Activity. *Small* , **2020**, 16, e1904252	11	65
174	High electrochemical performance carbon nanofibers with hierarchical structure derived from metal-organic framework with natural eggshell membranes. *Journal of Colloid and Interface Science*, **2020**, 560, 811-816	9.3	6
173	Porous pyrrhotite FeS nanowire/SiO/nitrogen-doped carbon matrix for high-performance Li-ion-battery anodes. *Journal of Colloid and Interface Science*, **2020**, 561, 801-807	9.3	42
172	Controllable synthesis of copper ion guided MIL-96 octadecahedron: highly sensitive aptasensor toward alpha-fetoprotein. *Applied Materials Today*, **2020**, 20, 100745	6.6	9
171	MoS2/graphene composites: Fabrication and electrochemical energy storage. *Energy Storage Materials*, **2020**, 33, 470-502	19.4	36
170	Rhodium-catalyzed multiple C-H activation/highly -selective C-H amination between amidines and alkynes. *Chemical Communications*, **2020**, 56, 11227-11230	5.8	6
169	Electrocatalysts optimized with nitrogen coordination for high-performance oxygen evolution reaction. *Coordination Chemistry Reviews*, **2020**, 422, 213468	23.2	23

168	Supramolecular G4 Eutectogels of Guanosine with Solvent-Induced Chiral Inversion and Excellent Electrochromic Activity. *Angewandte Chemie*, **2020**, 132, 18927-18932	3.6	2
167	Vanadium-Based Materials as Positive Electrode for Aqueous Zinc-Ion Batteries. *Advanced Sustainable Systems*, **2020**, 4, 2000178	5.9	14
166	Advances in the application of manganese dioxide and its composites as electrocatalysts for the oxygen evolution reaction. *Journal of Materials Chemistry A*, **2020**, 8, 18492-18514	13	16
165	SiOx-based (0 . *Chinese Chemical Letters*, **2020**, 31, 654-666	8.1	11
164	Development and application of self-healing materials in smart batteries and supercapacitors. *Chemical Engineering Journal*, **2020**, 380, 122565	14.7	81
163	Niobium/tantalum-based materials: Synthesis and applications in electrochemical energy storage. *Chemical Engineering Journal*, **2020**, 380, 122428	14.7	28
162	Anchoring ZIF-67 particles on amidoximerized polyacrylonitrile fibers for radionuclide sequestration in wastewater and seawater. *Journal of Hazardous Materials*, **2020**, 395, 122692	12.8	51
161	Si-based materials derived from biomass: synthesis and applications in electrochemical energy storage. *Journal of Materials Chemistry A*, **2019**, 7, 22123-22147	13	53
160	Palladium-Catalyzed C-N Bond Cleavage of 2 H-Azirines for the Synthesis of Functionalized Amido Ketones. *Journal of Organic Chemistry*, **2019**, 84, 2200-2208	4.2	9
159	Smart Yolk/Shell Hybrids as Efficient Electrocatalysts for the Oxygen Evolution Reaction. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 5027-5033	8.3	72
158	Fabrication, characteristics and applications of carbon materials with different morphologies and porous structures produced from wood liquefaction: A review. *Chemical Engineering Journal*, **2019**, 364, 226-243	14.7	75
157	A water-stable Eu-based MOF as a dual-emission luminescent sensor for discriminative detection of nitroaromatic pollutants. *Dalton Transactions*, **2019**, 48, 1843-1849	4.3	68
156	A new strategy for the controllable growth of MOF@PBA architectures. *Journal of Materials Chemistry A*, **2019**, 7, 17266-17271	13	54
155	A novel strategy for the synthesis of highly stable ternary SiOx composites for Li-ion-battery anodes. *Journal of Materials Chemistry A*, **2019**, 7, 15969-15974	13	89
154	The application of CeO2-based materials in electrocatalysis. *Journal of Materials Chemistry A*, **2019**, 7, 17675-17702	13	62
153	Regulation of the Ni Content in a Hierarchical Urchin-Like MOF for High-Performance Electrocatalytic Oxygen Evolution. *Frontiers in Chemistry*, **2019**, 7, 411	5	9
152	A multifunctional self-healing G-PyB/KCl hydrogel: smart conductive, rapid room-temperature phase-selective gelation, and ultrasensitive detection of alpha-fetoprotein. *Chemical Communications*, **2019**, 55, 7922-7925	5.8	71
151	Ultrathin two-dimensional cobalt-organic frameworks nanosheets for electrochemical energy storage. *Chemical Engineering Journal*, **2019**, 373, 1319-1328	14.7	91

150	Dual-Functionalized Mixed Keggin- and Lindqvist-Type Cu-Based POM@MOF for Visible-Light-Driven H and O Evolution. *Inorganic Chemistry*, **2019**, 58, 7229-7235	5.1	75
149	Different positive electrode materials in organic and aqueous systems for aluminium ion batteries. *Journal of Materials Chemistry A*, **2019**, 7, 14391-14418	13	45
148	Mesoporous NHNiPO□HO for High-Performance Flexible All-Solid-State Asymmetric Supercapacitors. *Frontiers in Chemistry*, **2019**, 7, 118	5	14
147	A High-Efficiency Electrocatalyst for Oxidizing Glucose: Ultrathin Nanosheet Co-Based Organic Framework Assemblies. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 8986-8992	8.3	28
146	Metal□rganic framework composites and their electrochemical applications. *Journal of Materials Chemistry A*, **2019**, 7, 7301-7327	13	186
145	Synthesis of Co Mn Ni C O ?n H O Micropolyhedrons: Multimetal Synergy for High-Performance Glucose Oxidation Catalysis. *Chemistry - an Asian Journal*, **2019**, 14, 2259-2265	4.5	14
144	Core-shell materials for advanced batteries. *Chemical Engineering Journal*, **2019**, 355, 208-237	14.7	106
143	Core□hell-type ZIF-8@ZIF-67@POM hybrids as efficient electrocatalysts for the oxygen evolution reaction. *Inorganic Chemistry Frontiers*, **2019**, 6, 2514-2520	6.8	50
142	Facile one-pot generation of metal oxide/hydroxide@metal-organic framework composites: highly efficient bifunctional electrocatalysts for overall water splitting. *Chemical Communications*, **2019**, 55, 10904-10907	5.8	97
141	Highly dispersed and stabilized nickel nanoparticle/silicon oxide/nitrogen-doped carbon composites for high-performance glucose electrocatalysis. *Sensors and Actuators B: Chemical*, **2019**, 297, 126809	8.5	30
140	Exposing {001} Crystal Plane on Hexagonal Ni-MOF with Surface-Grown Cross-Linked Mesh-Structures for Electrochemical Energy Storage. *Small*, **2019**, 15, e1902463	11	69
139	A microporous mixed-metal (Na/Cu) mixed-ligand (flexible/rigid) metal□rganic framework for photocatalytic H2 generation. *Journal of Materials Chemistry C*, **2019**, 7, 10211-10217	7.1	17
138	PBA@POM Hybrids as Efficient Electrocatalysts for the Oxygen Evolution Reaction. *Chemistry - an Asian Journal*, **2019**, 14, 2790-2795	4.5	7
137	One step synthesis of boron-doped carbon nitride derived from 4-pyridylboronic acid as biosensing platforms for assessment of food safety. *Chemical Communications*, **2019**, 55, 9160-9163	5.8	18
136	Polypyrrole coated hollow metal□rganic framework composites for lithium□ulfur batteries. *Journal of Materials Chemistry A*, **2019**, 7, 19465-19470	13	94
135	Mechanism-Property Correlation in Coordination Polymer Crystals toward Design of a Superior Sorbent. *ACS Applied Materials & Interfaces*, **2019**, 11, 42375-42384	9.5	15
134	Manganese-doped cobalt zeolitic imidazolate framework with highly enhanced performance for supercapacitor. *Journal of Energy Storage*, **2019**, 26, 101018	7.8	13
133	Lanthanide chain assembled in metal□rganic frameworks: Slow relaxation of the magnetization in Dy(III) and Er(III) complexes. *Inorganic Chemistry Communication*, **2019**, 102, 30-34	3.1	2

132	Applications of Metal-Organic-Framework-Derived Carbon Materials. *Advanced Materials*, **2019**, 31, e1804740	24	136
131	Cobalt-Doped Nickel Phosphite for High Performance of Electrochemical Energy Storage. *Small*, **2018**, 14, e1703811	11	57
130	Tunable Robust pacs-MOFs: a Platform for Systematic Enhancement of the CH Uptake and CH/CH Separation Performance. *Inorganic Chemistry*, **2018**, 57, 2883-2889	5.1	27
129	An Efficient Protocol for the Synthesis of Primary Amides via Rh-Catalyzed Rearrangement of Aldoximes. *ChemistrySelect*, **2018**, 3, 3474-3478	1.8	5
128	Nitrogen-Doped Cobalt Oxide Nanostructures Derived from Cobalt-Alanine Complexes for High-Performance Oxygen Evolution Reactions. *Advanced Functional Materials*, **2018**, 28, 1800886	15.6	239
127	Non-noble metal-transition metal oxide materials for electrochemical energy storage. *Energy Storage Materials*, **2018**, 15, 171-201	19.4	78
126	Transition Metal Sulfides Based on Graphene for Electrochemical Energy Storage. *Advanced Energy Materials*, **2018**, 8, 1703259	21.8	479
125	Advanced batteries based on manganese dioxide and its composites. *Energy Storage Materials*, **2018**, 12, 284-309	19.4	75
124	Dual anode materials for lithium- and sodium-ion batteries. *Journal of Materials Chemistry A*, **2018**, 6, 4236-4259	13	65
123	A high-activity cobalt-based MOF catalyst for [2+ 2 + 2] cycloaddition of diynes and alkynes: insights into alkyne affinity and selectivity control.. *RSC Advances*, **2018**, 8, 4895-4899	3.7	7
122	Facile Synthesis of Ultrathin Nickel-Cobalt Phosphate 2D Nanosheets with Enhanced Electrocatalytic Activity for Glucose Oxidation. *ACS Applied Materials & Interfaces*, **2018**, 10, 2360-2367	9.5	77
121	FeO -Based Materials for Electrochemical Energy Storage. *Advanced Science*, **2018**, 5, 1700986	13.6	101
120	A flexible doubly interpenetrated metal-organic framework with gate opening effect for highly selective C2H2/C2H4 separation at room temperature. *CrystEngComm*, **2018**, 20, 2341-2345	3.3	14
119	Ratiometric fluorescence sensing and colorimetric decoding methanol by a bimetallic lanthanide-organic framework. *Sensors and Actuators B: Chemical*, **2018**, 265, 104-109	8.5	56
118	Polyoxometalate-based materials for advanced electrochemical energy conversion and storage. *Chemical Engineering Journal*, **2018**, 351, 441-461	14.7	55
117	Facile Synthesis of Vanadium Metal-Organic Frameworks for High-Performance Supercapacitors. *Small*, **2018**, 14, e1801815	11	128
116	The Research Development of Quantum Dots in Electrochemical Energy Storage. *Small*, **2018**, 14, e1801479	11	36
115	Ultrathin nanosheet-assembled [Ni(OH)(PTA)(HO)]·2HO hierarchical flowers for high-performance electrocatalysis of glucose oxidation reactions. *Nanoscale*, **2018**, 10, 13270-13276	7.7	80

114	Immobilization of polyoxometalate in a cage-based metal–organic framework towards enhanced stability and highly effective dye degradation. *Polyhedron*, **2018**, 152, 108-113	2.7	22
113	Ultrathin two-dimensional cobalt–organic framework nanosheets for high-performance electrocatalytic oxygen evolution. *Journal of Materials Chemistry A*, **2018**, 6, 22070-22076	13	182
112	Stable Layered Semiconductive Cu(I)-Organic Framework for Efficient Visible-Light-Driven Cr(VI) Reduction and H Evolution. *Inorganic Chemistry*, **2018**, 57, 7975-7981	5.1	49
111	Nickel-Based Sulfide Materials for Batteries. *ChemistrySelect*, **2018**, 3, 12967-12986	1.8	7
110	Ultrathin Nanosheet Ni-Metal Organic Framework Assemblies for High-Efficiency Ascorbic Acid Electrocatalysis. *ChemElectroChem*, **2018**, 5, 3859-3865	4.3	21
109	An Unusual LnIII-Based Metal-Organic Framework with Dinuclear Nodes Exhibiting Single-Molecular Magnet Behavior. *European Journal of Inorganic Chemistry*, **2018**, 2018, 5007-5011	2.3	1
108	Ultrathin Cu-MOF@MnO2 nanosheets for aqueous electrolyte-based high-voltage electrochemical capacitors. *Journal of Materials Chemistry A*, **2018**, 6, 17329-17336	13	66
107	Rhodium(III)-Catalyzed Cascade [5 + 1] Annulation/5-exo-Cyclization Initiated by C-H Activation: 1,6-Diynes as One-Carbon Reaction Partners. *Organic Letters*, **2018**, 20, 3245-3249	6.2	28
106	Pore modulation of metal–organic frameworks towards enhanced hydrothermal stability and acetylene uptake via incorporation of different functional brackets. *Journal of Materials Chemistry A*, **2017**, 5, 4861-4867	13	55
105	Template-directed synthesis of a luminescent Tb-MOF material for highly selective Fe3+ and Al3+ ion detection and VOC vapor sensing. *Journal of Materials Chemistry C*, **2017**, 5, 2311-2317	7.1	213
104	Highly stable aluminum-based metal-organic frameworks as biosensing platforms for assessment of food safety. *Biosensors and Bioelectronics*, **2017**, 91, 804-810	11.8	82
103	A Mixed-Cluster Approach for Building a Highly Porous Cobalt(II) Isonicotinic Acid Framework: Gas Sorption Properties and Computational Analyses. *Inorganic Chemistry*, **2017**, 56, 2379-2382	5.1	22
102	Fe(III)-based metal-organic framework-derived core-shell nanostructure: Sensitive electrochemical platform for high trace determination of heavy metal ions. *Biosensors and Bioelectronics*, **2017**, 94, 358-364	11.8	106
101	One-pot synthesis of heterogeneous Co3O4-nanocube/Co(OH)2-nanosheet hybrids for high-performance flexible asymmetric all-solid-state supercapacitors. *Nano Energy*, **2017**, 35, 138-145	17.1	262
100	Pore modulation of zirconium-organic frameworks for high-efficiency detection of trace proteins. *Chemical Communications*, **2017**, 53, 3941-3944	5.8	102
99	Ultrathin Nickel–Cobalt Phosphate 2D Nanosheets for Electrochemical Energy Storage under Aqueous/Solid-State Electrolyte. *Advanced Functional Materials*, **2017**, 27, 1605784	15.6	297
98	2D zirconium-based metal-organic framework nanosheets for highly sensitive detection of mucin 1: consistency between electrochemical and surface plasmon resonance methods. *2D Materials*, **2017**, 4, 025098	5.9	62
97	Transition-Metal (Fe, Co, Ni) Based Metal-Organic Frameworks for Electrochemical Energy Storage. *Advanced Energy Materials*, **2017**, 7, 1602733	21.8	582

96	Two-Dimensional Zirconium-Based Metal-Organic Framework Nanosheet Composites Embedded with Au Nanoclusters: A Highly Sensitive Electrochemical Aptasensor toward Detecting Cocaine. *ACS Sensors*, **2017**, 2, 998-1005	9.2	94
95	Ni and NiO Nanoparticles Decorated Metal-Organic Framework Nanosheets: Facile Synthesis and High-Performance Nonenzymatic Glucose Detection in Human Serum. *ACS Applied Materials & Interfaces*, **2017**, 9, 22342-22349	9.5	154
94	Facile synthesis of ultrathin Ni-MOF nanobelts for high-efficiency determination of glucose in human serum. *Journal of Materials Chemistry B*, **2017**, 5, 5234-5239	7.3	114
93	Quest for the Ncb-type Metal-Organic Framework Platform: A Bifunctional Ligand Approach Meets Net Topology Needs. *Inorganic Chemistry*, **2017**, 56, 7328-7331	5.1	16
92	Transition metal oxides with one-dimensional/one-dimensional-analogue nanostructures for advanced supercapacitors. *Journal of Materials Chemistry A*, **2017**, 5, 8155-8186	13	317
91	Metal-Organic Framework Supported on Processable Polymer Matrix by In Situ Copolymerization for Enhanced Iron(III) Detection. *Chemistry - A European Journal*, **2017**, 23, 3885-3890	4.8	20
90	Preparation of N, P co-doped activated carbons derived from honeycomb as an electrode material for supercapacitors. *RSC Advances*, **2017**, 7, 47448-47455	3.7	17
89	Syntheses and Energy Storage Applications of MxSy (M = Cu, Ag, Au) and Their Composites: Rechargeable Batteries and Supercapacitors. *Advanced Functional Materials*, **2017**, 27, 1703949	15.6	126
88	Semiconductive Copper(I)□Organic Frameworks for Efficient Light-Driven Hydrogen Generation Without Additional Photosensitizers and Cocatalysts. *Angewandte Chemie*, **2017**, 129, 14829-14833	3.6	21
87	Semiconductive Copper(I)-Organic Frameworks for Efficient Light-Driven Hydrogen Generation Without Additional Photosensitizers and Cocatalysts. *Angewandte Chemie - International Edition*, **2017**, 56, 14637-14641	16.4	201
86	An anionic Na(i)-organic framework platform: separation of organic dyes and post-modification for highly sensitive detection of picric acid. *Chemical Communications*, **2017**, 53, 10668-10671	5.8	116
85	Nanostructured graphene-based materials for flexible energy storage. *Energy Storage Materials*, **2017**, 9, 150-169	19.4	177
84	One Dimensional Silver-based Nanomaterials: Preparations and Electrochemical Applications. *Small* , **2017**, 13, 1701091	11	42
83	Iron oxide@mesoporous carbon architectures derived from an Fe(II)-based metal organic framework for highly sensitive oxytetracycline determination. *Journal of Materials Chemistry A*, **2017**, 5, 19378-19389	13	61
82	Microporous Cobalt(II)-Organic Framework with Open O-Donor Sites for Effective CH Storage and CH/CO Separation at Room Temperature. *Inorganic Chemistry*, **2017**, 56, 14767-14770	5.1	37
81	Synergic effect of copper-based metal□organic frameworks for highly efficient C□H activation of amidines. *RSC Advances*, **2017**, 7, 51658-51662	3.7	13
80	Dual-Emitting Dye@MOF Composite as a Self-Calibrating Sensor for 2,4,6-Trinitrophenol. *ACS Applied Materials & Interfaces*, **2017**, 9, 24671-24677	9.5	95
79	Aptamer-Embedded Zirconium-Based Metal-Organic Framework Composites Prepared by De Novo Bio-Inspired Approach with Enhanced Biosensing for Detecting Trace Analytes. *ACS Sensors*, **2017**, 2, 982-989	9.2	54

78	Noble metal-based materials in high-performance supercapacitors. *Inorganic Chemistry Frontiers*, **2017**, 4, 33-51	6.8	117
77	Vanadium based materials as electrode materials for high performance supercapacitors. *Journal of Power Sources*, **2016**, 329, 148-169	8.9	216
76	Copper-Based Nanomaterials for High-Performance Lithium-Ion Batteries. *Particle and Particle Systems Characterization*, **2016**, 33, 784-810	3.1	27
75	Facile synthesis of an accordion-like Ni-MOF superstructure for high-performance flexible supercapacitors. *Journal of Materials Chemistry A*, **2016**, 4, 19078-19085	13	305
74	Moisture-Stable Zn(II) Metal-Organic Framework as a Multifunctional Platform for Highly Efficient CO2 Capture and Nitro Pollutant Vapor Detection. *ACS Applied Materials & Interfaces*, **2016**, 8, 18043-50	9.5	76
73	Facile synthesis of amorphous aluminum vanadate hierarchical microspheres for supercapacitors. *Inorganic Chemistry Frontiers*, **2016**, 3, 791-797	6.8	70
72	Cu superstructures hydrothermally reduced by leaves and derived Cu□Co3O4 hybrids for flexible solid-state electrochemical energy storage devices. *Journal of Materials Chemistry A*, **2016**, 4, 4840-4847	13	25
71	Two isomeric Zn(II)-based metal□organic frameworks constructed from a bifunctional triazolate□carboxylate tecton exhibiting distinct gas sorption behaviors. *CrystEngComm*, **2016**, 18, 2579-2584	3.3	21
70	A bracket approach to improve the stability and gas sorption performance of a metal-organic framework via in situ incorporating the size-matching molecular building blocks. *Chemical Communications*, **2016**, 52, 8413-6	5.8	69
69	A CoII-based metal□organic framework based on [Co6(□3-OH)4] units exhibiting selective sorption of C2H2 over CO2 and CH4. *CrystEngComm*, **2016**, 18, 3760-3763	3.3	17
68	Charge Control in Two Isostructural Anionic/Cationic Co Coordination Frameworks for Enhanced Acetylene Capture. *Chemistry - A European Journal*, **2016**, 22, 15035-15041	4.8	25
67	Ligand Symmetry Modulation for Designing Mixed-Ligand Metal-Organic Frameworks: Gas Sorption and Luminescence Sensing Properties. *Inorganic Chemistry*, **2016**, 55, 8892-7	5.1	50
66	Room temperature synthesis of cobalt-manganese-nickel oxalates micropolyhedrons for high-performance flexible electrochemical energy storage device. *Scientific Reports*, **2015**, 5, 8536	4.9	46
65	Reed Leaves as a Sustainable Silica Source for 3D Mesoporous Nickel (Cobalt) Silicate Architectures Assembled into Ultrathin Nanoflakes for High-Performance Supercapacitors. *Advanced Materials Interfaces*, **2015**, 2, 1400377	4.6	51
64	High-performance asymmetric full-cell supercapacitors based on CoNi2S4 nanoparticles and activated carbon. *Journal of Solid State Electrochemistry*, **2015**, 19, 2177-2188	2.6	24
63	Hierarchically Porous NaCoPO4□Co3O4 Hollow Microspheres for Flexible Asymmetric Solid-State Supercapacitors. *Particle and Particle Systems Characterization*, **2015**, 32, 831-839	3.1	39
62	Hydrothermal Synthesis of Nickel Phosphate Nanorods for High-Performance Flexible Asymmetric All-Solid-State Supercapacitors. *Particle and Particle Systems Characterization*, **2015**, 32, 880-885	3.1	28
61	Mesoporous ZnS-NiS Nanocomposites for Nonenzymatic Electrochemical Glucose Sensors. *ChemistryOpen*, **2015**, 4, 32-8	2.3	14

60	Nickel hydroxide–nickel nanohybrids indirectly from coordination microfibers for high-performance supercapacitor electrodes. *Inorganic Chemistry Frontiers*, **2015**, 2, 129-135	6.8	20
59	Dynamic structural transformations of coordination supramolecular systems upon exogenous stimulation. *Chemical Communications*, **2015**, 51, 2768-81	5.8	92
58	Zeolitic Imidazolate Framework-67 Rhombic Dodecahedral Microcrystals with Porous {110} Facets As a New Electrocatalyst for Sensing Glutathione. *Particle and Particle Systems Characterization*, **2015**, 32, 429-433	3.1	19
57	Sodium-Doped Mesoporous Ni2P2O7 Hexagonal Tablets for High-Performance Flexible All-Solid-State Hybrid Supercapacitors. *Chemistry - an Asian Journal*, **2015**, 10, 1731-7	4.5	54
56	Ligand Symmetry Modulation for Designing a Mesoporous Metal-Organic Framework: Dual Reactivity to Transition and Lanthanide Metals for Enhanced Functionalization. *Chemistry - A European Journal*, **2015**, 21, 9713-9	4.8	53
55	Template-free synthesis of hierarchically porous NaCoPO4–Co3O4 hollow microspheres and their application as electrocatalysts for glucose. *CrystEngComm*, **2015**, 17, 4540-4546	3.3	8
54	Ferric Phosphate Hydroxide Microstructures Affect Their Magnetic Properties. *ChemistryOpen*, **2015**, 4, 274-7	2.3	4
53	Cobalt vanadium oxide thin nanoplates: primary electrochemical capacitor application. *Scientific Reports*, **2014**, 4, 5687	4.9	56
52	Single-crystalline hyperbranched nanostructure of iron hydroxyl phosphate Fe5(PO4)4(OH)3·2H2O for highly selective capture of phosphopeptides. *Scientific Reports*, **2014**, 4, 3753	4.9	13
51	Microwave-assisted synthesis of NiS2 nanostructures for supercapacitors and cocatalytic enhancing photocatalytic H2 production. *Scientific Reports*, **2014**, 4, 3577	4.9	190
50	NH4CoPO4·H2O microbundles consisting of one-dimensional layered microrods for high performance supercapacitors. *RSC Advances*, **2014**, 4, 340-347	3.7	40
49	Mesoporous ZnO-NiO architectures for use in a high-performance nonenzymatic glucose sensor. *Mikrochimica Acta*, **2014**, 181, 1581-1589	5.8	34
48	Nitrogen-Doped Carbon–Copper Nanohybrids as Electrocatalysts in H2O2 and Glucose Sensing. *ChemElectroChem*, **2014**, 1, 682-682	4.3	2
47	Facile synthesis and superior electrochemical performances of CoNi2S4/graphene nanocomposite suitable for supercapacitor electrodes. *Journal of Materials Chemistry A*, **2014**, 2, 9613-9619	13	215
46	Activated carbon with ultrahigh specific surface area synthesized from natural plant material for lithium–sulfur batteries. *Journal of Materials Chemistry A*, **2014**, 2, 15889-15896	13	161
45	Divergent kinetic and thermodynamic hydration of a porous Cu(II) coordination polymer with exclusive CO2 sorption selectivity. *Journal of the American Chemical Society*, **2014**, 136, 10906-9	16.4	213
44	Nitrogen-Doped Carbon–Copper Nanohybrids as Electrocatalysts in H2O2 and Glucose Sensing. *ChemElectroChem*, **2014**, 1, 799-807	4.3	31
43	Versatile mesoporous DyIII coordination framework for highly efficient trapping of diverse pollutants. *Inorganic Chemistry*, **2014**, 53, 7074-6	5.1	33

42	Copper metal-organic framework nanocrystal for plane effect nonenzymatic electro-catalytic activity of glucose. *Nanoscale*, **2014**, 6, 10989-94	7.7	70
41	Mesoporous 3D ZnO□NiO architectures for high-performance supercapacitor electrode materials. *CrystEngComm*, **2014**, 16, 4169-4175	3.3	41
40	One-step synthesis of CoNi2S4 nanoparticles for supercapacitor electrodes. *RSC Advances*, **2014**, 4, 6998	3.7	113
39	Mesoporous Ni0.3Co2.7O4 hierarchical structures for effective non-enzymatic glucose detection. *RSC Advances*, **2014**, 4, 33514-33519	3.7	26
38	Facile synthesis of cerium oxide nanostructures for rechargeable lithium battery electrode materials. *RSC Advances*, **2014**, 4, 14872-14878	3.7	34
37	Electrodeposition of cobalt oxide nanoparticles on reduced graphene oxide: a two-dimensional hybrid for enzyme-free glucose sensing. *Journal of Solid State Electrochemistry*, **2014**, 18, 1049-1056	2.6	50
36	ZrO2/Dy2O3 Solid Solution Nano-Materials: Tunable Composition, Visible light□Responsive Photocatalytic Activities and Reaction Mechanism. *Journal of the American Ceramic Society*, **2013**, 96, 2979-2986	3.8	8
35	A sensitive and selective nitrite sensor based on a glassy carbon electrode modified with gold nanoparticles and sulfonated graphene. *Mikrochimica Acta*, **2013**, 180, 821-827	5.8	57
34	Facile synthesis of mesoporous Ni0.3Co2.7O4 hierarchical structures for high-performance supercapacitors. *Energy and Environmental Science*, **2013**, 6, 3619	35.4	307
33	Nickel Phosphite Superstructures Assembled by Nanotubes: Original Application for Effective Electrode Materials of Supercapacitors. *ChemPlusChem*, **2013**, 78, 546-553	2.8	51
32	Design and construction of coordination polymers with mixed-ligand synthetic strategy. *Coordination Chemistry Reviews*, **2013**, 257, 1282-1305	23.2	648
31	Cobalt phosphite microarchitectures assembled by ultralong nanoribbons and their application as effective electrochemical capacitor electrode materials. *Nanoscale*, **2013**, 5, 503-7	7.7	72
30	Electrochemical determination of glutathione based on an electrodeposited nickel oxide nanoparticles-modified glassy carbon electrode. *Analytical Methods*, **2013**, 5, 1779	3.2	23
29	Cu superstructures fabricated using tree leaves and Cu□MnO2 superstructures for high performance supercapacitors. *Journal of Materials Chemistry A*, **2013**, 1, 5053	13	53
28	Mesoporous uniform ammonium nickel phosphate hydrate nanostructures as high performance electrode materials for supercapacitors. *CrystEngComm*, **2013**, 15, 5950	3.3	42
27	Few-layered CoHPO4 □3H2O ultrathin nanosheets for high performance of electrode materials for supercapacitors. *Nanoscale*, **2013**, 5, 5752-7	7.7	89
26	Cobalt pyrophosphate nano/microstructures as promising electrode materials of supercapacitor. *Journal of Solid State Electrochemistry*, **2013**, 17, 1383-1391	2.6	45
25	The Morphology Evolution of Nickel Phosphite Hexagonal Polyhedrons and Their Primary Electrochemical Capacitor Applications. *Particle and Particle Systems Characterization*, **2013**, 30, 287-295	3.1	36

24	Nanomaterials: The Morphology Evolution of Nickel Phosphite Hexagonal Polyhedrons and Their Primary Electrochemical Capacitor Applications (Part. Part. Syst. Charact. 3/2013). *Particle and Particle Systems Characterization*, **2013**, 30, 206-206	3.1	
23	Porous nanocubic Mn3O4-Co3O4 composites and their application as electrochemical supercapacitors. *Dalton Transactions*, **2012**, 41, 10175-81	4.3	80
22	Preparation of electrochemically reduced graphene oxide-modified electrode and its application for determination of p-aminophenol. *Journal of Solid State Electrochemistry*, **2012**, 16, 2883-2889	2.6	29
21	Porous Mn3[Co(CN)6]2□hH2O nanocubes as a rapid organic dyes adsorption material. *RSC Advances*, **2012**, 2, 9614	3.7	18
20	Self-assembled 3D architectures of NaCe(MoO4)2 and their application as absorbents. *CrystEngComm*, **2012**, 14, 7330	3.3	35
19	Facile synthesis of porous nickel manganite materials and their morphology effect on electrochemical properties. *RSC Advances*, **2012**, 2, 5930	3.7	56
18	Porous nickel oxide nanospindles with huge specific capacitance and long-life cycle. *RSC Advances*, **2012**, 2, 2257	3.7	72
17	Synthesis of copper(II) coordination polymers and conversion into CuO nanostructures with good photocatalytic, antibacterial and lithium ion battery performances. *Journal of Materials Chemistry*, **2012**, 22, 12609		70
16	Facile synthesis of porous ZnO-NiO composite micropolyhedrons and their application for high power supercapacitor electrode materials. *Dalton Transactions*, **2012**, 41, 13284-91	4.3	118
15	Graphene oxide induced growth of one-dimensional fusiform zirconia nanostructures for highly selective capture of phosphopeptides. *Chemical Communications*, **2011**, 47, 11772-4	5.8	37
14	Facile control synthesis of Ag3PO4 and morphologies effects on their photocatalytic properties. *Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanoengineering and Nanosystems*, **2011**, 225, 67-69		0
13	Facile synthesis of Ni3(BO3)2 nanoribbons and their antimicrobial, electrochemical and electrical properties. *Journal of Materials Chemistry*, **2011**, 21, 13889		11
12	Selective synthesis of nickel oxide nanowires and length effect on their electrochemical properties. *Nanoscale*, **2010**, 2, 920-2	7.7	91
11	Glucose-assisted synthesis of copper micropuzzles and their application as nonenzymatic glucose sensors. *Chemical Communications*, **2010**, 46, 2010-2	5.8	56
10	Controlled fabrication and property studies of nickel hydroxide and nickel oxide nanostructures. *CrystEngComm*, **2010**, 12, 1404-1409	3.3	25
9	Glycine-assisted double-solvothermal approach for various cuprous oxide structures with good catalytic activities. *CrystEngComm*, **2010**, 12, 406-412	3.3	57
8	Low-Symmetry Iron Oxide Nanocrystals Bound by High-Index Facets. *Angewandte Chemie*, **2010**, 122, 6472-6476	3.6	28
7	Facile synthesis of nickel oxide nanotubes and their antibacterial, electrochemical and magnetic properties. *Chemical Communications*, **2009**, 7542-4	5.8	138

6	Morphology effect on antibacterial activity of cuprous oxide. *Chemical Communications*, **2009**, 1076-8	5.8	144
5	Modified Metal–Organic Frameworks for Electrochemical Applications. *Small Structures*,2100200	8.7	4
4	Metal–Organic Framework-Based Sulfur-Loaded Materials. *Energy and Environmental Materials*,	13	3
3	Metal-Organic Frameworks Nanocomposites with Different Dimensionalities for Energy Conversion and Storage. *Advanced Energy Materials*,2100346	21.8	25
2	Bimetallic Metal-Organic Framework with High-Adsorption Capacity toward Lithium Polysulfides for Lithium–Sulfur Batteries. *Energy and Environmental Materials*,	13	15
1	Small molecule-based supramolecular-polymer double-network hydrogel electrolytes for ultra-stretchable and waterproof Zn–air batteries working from −50 to 100 °C. *Energy and Environmental Science*,	35.4	28