

# Huan Pang

## 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.

429  
papers

24,968  
citations

84  
h-index

138  
g-index

458  
ext. papers

31,919  
ext. citations

9.5  
avg, IF

8.09  
L-index

#	Paper	IF	Citations
429	A coordination cage hosting ultrafine and highly catalytically active gold nanoparticles.. <i>Chemical Science</i> , <b>2022</b> , 13, 461-468	9.4	2
428	Pillared-layer Ni-MOF nanosheets anchored on TiC MXene for enhanced electrochemical energy storage.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 614, 130-137	9.3	11
427	Recent progress and challenges in plasmonic nanomaterials. <i>Nanotechnology Reviews</i> , <b>2022</b> , 11, 846-873	6.3	1
426	Wearable and antibacterial HPMC-anchored conductive polymer composite strain sensor with high gauge factors under small strains. <i>Chemical Engineering Journal</i> , <b>2022</b> , 435, 135068	14.7	2
425	Interfacial Microenvironment Modulation Enhancing Catalytic Kinetics of Binary Metal Sulfides Heterostructures for Advanced Water Splitting Electrocatalysts.. <i>Small Methods</i> , <b>2022</b> , 6, e2101186	12.8	5
424	In Situ Growth of Three-Dimensional MXene/Metal-Organic Framework Composites for High-Performance Supercapacitors.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	20
423	Highly stable and activated Cerium-based MOFs superstructures for ultrahigh selective uranium (VI) capture from simulated seawater. <i>Materials Today Chemistry</i> , <b>2022</b> , 23, 100705	6.2	2
422	Copper sulfides and their composites for high-performance rechargeable batteries. <i>Materials Today Chemistry</i> , <b>2022</b> , 23, 100675	6.2	1
421	Ultrasmall metal (Fe, Co, Ni) nanoparticles strengthen silicon oxide embedded nitrogen-doped carbon superstructures for long-cycle-life Li-ion-battery anodes. <i>Chemical Engineering Journal</i> , <b>2022</b> , 432, 134413	14.7	2
420	Applications of metal-organic framework-graphene composite materials in electrochemical energy storage. <i>FlatChem</i> , <b>2022</b> , 32, 100332	5.1	7
419	Synthesis of truncated octahedral zinc-doped manganese hexacyanoferrates and low-temperature calcination activation for lithium-ion battery. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 607, 1898-1907	7.3	3
418	PBA composites and their derivatives in energy and environmental applications. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 451, 214260	23.2	12
417	Construction of SiO/nitrogen-doped carbon superstructures derived from rice husks for boosted lithium storage. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 606, 784-792	9.3	11
416	Design and synthesis of transition metal oxide/zeolitic imidazolate framework-67 composites. <i>Chemical Engineering Journal</i> , <b>2022</b> , 429, 132146	14.7	4
415	Framework materials for supercapacitors. <i>Nanotechnology Reviews</i> , <b>2022</b> , 11, 1005-1046	6.3	6
414	Metal-organic framework-derived phosphide nanomaterials for electrochemical applications <b>2022</b> , 4, 246-281		5
413	Turning coordination environment of 2D nickel-based metal-organic frameworks by $\pi$ -conjugated molecule for enhancing glucose electrochemical sensor performance. <i>Materials Today Chemistry</i> , <b>2022</b> , 24, 100885	6.2	3

412	In-Situ growth of MnO <sub>2</sub> nanoflakes on Co <sub>3</sub> V <sub>2</sub> O <sub>8</sub> generating a hollow hexahedron: Zn-storage properties, and investigation of electrochemical mechanism. <i>Chemical Engineering Journal</i> , <b>2022</b> , 440, 135931	14.7	3
411	Hierarchical Cobalt-Nickel Double Hydroxide Arrays Assembled on Naturally Sedimented Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> for High-Performance Flexible Supercapacitors. <i>Advanced Sustainable Systems</i> , <b>2022</b> , 6, 2100371	5.9	1
410	Synthesis of Tostadas-Shaped Metal-Organic Frameworks for Remitting Capacity Fading of Li-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2022</b> , 32, 2109927	15.6	3
409	NiS/MoS <sub>2</sub> Mott-Schottky heterojunction-induced local charge redistribution for high-efficiency urea-assisted energy-saving hydrogen production. <i>Chemical Engineering Journal</i> , <b>2022</b> , 136321	14.7	2
408	Applications of metal-organic framework-derived N, P, S doped materials in electrochemical energy conversion and storage. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 466, 214602	23.2	5
407	In-situ Synthesis of MOF-74 Family for High Areal Energy Density of Aqueous Nickel-Zinc Batteries.. <i>Advanced Materials</i> , <b>2022</b> , e2201779	24	9
406	Electrochemical activation-induced surface-reconstruction of NiO <sub>x</sub> microbelt superstructure of core-shell nanoparticles for superior durability electrocatalysis. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 624, 443-449	9.3	2
405	One-dimensional metal-organic frameworks for electrochemical applications. <i>Advances in Colloid and Interface Science</i> , <b>2021</b> , 298, 102562	14.3	8
404	Recent advances and challenges of metal-organic framework/graphene-based composites. <i>Composites Part B: Engineering</i> , <b>2021</b> , 230, 109532	10	7
403	Ni <sub>75</sub> Cu <sub>25</sub> O polyhedron material derived from nickel-copper oxalate as high-performance electrocatalyst for glucose oxidation. <i>Composites Communications</i> , <b>2021</b> , 100999	6.7	2
402	Synthesis of 3D printing materials and their electrochemical applications. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	4
401	Sintered Ni metal as a matrix of robust self-supporting electrode for ultra-stable hydrogen evolution. <i>Chemical Engineering Journal</i> , <b>2021</b> , 430, 133040	14.7	1
400	High-Performance Capacitive Deionization and Killing Microorganism in Surface-Water by ZIF-9 Derived Carbon Composites.. <i>Small Methods</i> , <b>2021</b> , 5, e2101070	12.8	5
399	Printable Electrode Materials for Supercapacitors <b>2021</b> , 1, 17-17		3
398	MIL-96-Al for Li-S Batteries: Shape or Size?. <i>Advanced Materials</i> , <b>2021</b> , e2107836	24	44
397	A controllable preparation of two-dimensional cobalt oxalate-based nanostructured sheets for electrochemical energy storage. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	4
396	Nickel sulfide nanorods decorated on graphene as advanced hydrogen evolution electrocatalysts in acidic and alkaline media. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 608, 2633-2633	9.3	1
395	A Hierarchically Porous ZIF@LDH Core-Shell Structure for High-Performance Supercapacitors. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 845-849	4.5	5

394	Formation mechanism and properties of NiCoFeLDH@ZIF-67 composites. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	4
393	In Situ Anchoring Polymetallic Phosphide Nanoparticles within Porous Prussian Blue Analogue Nanocages for Boosting Oxygen Evolution Catalysis. <i>Nano Letters</i> , <b>2021</b> , 21, 3016-3025	11.5	75
392	Encapsulation of NiCo nanoparticles into foam-like porous N,P-codoped carbon nanosheets: Electronic and architectural dual regulations toward high-efficiency water electrolysis. <i>Chemical Engineering Journal</i> , <b>2021</b> , 410, 128325	14.7	6
391	Solvent regulation strategy of Co-MOF-74 microflower for supercapacitors. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 2909-2909	8.1	5
390	Recent advancements in Prussian blue analogues: Preparation and application in batteries. <i>Energy Storage Materials</i> , <b>2021</b> , 36, 387-408	19.4	38
389	Flexible All-Solid-State Supercapacitor Fabricated with Nitrogen-Doped Carbon Nanofiber Electrode Material Derived from Polyacrylonitrile Copolymer. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 5830-5839 <sup>2</sup>	6.1	3839 <sup>2</sup>
388	General synthesis of nitrogen-doped metal (M = Co <sup>2+</sup> , Mn <sup>2+</sup> , Ni <sup>2+</sup> , or Cu <sup>2+</sup> ) phosphates. <i>Chemical Engineering Journal</i> , <b>2021</b> , 411, 128544	14.7	10
387	Three-dimensional Co <sub>2</sub> V <sub>2</sub> O <sub>7</sub> ·nH <sub>2</sub> O superstructures assembled by nanosheets for electrochemical energy storage. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	3
386	Silicon oxide-protected nickel nanoparticles as biomass-derived catalysts for urea electro-oxidation. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 589, 56-64	9.3	12
385	Fluorinated pillared-layer metal-organic framework microrods for improved electrochemical cycling stability. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 3817-3817	8.1	12
384	Ultrathin One-Dimensional Ni-MIL-77 Nanobelts for High-Performance Electrocatalytic Urea Evolution. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 3639-3644	3.5	1
383	Synthesis of nickel-metal organic framework nanoplates with pyridine modulation and application to supercapacitors. <i>Journal of Energy Storage</i> , <b>2021</b> , 38, 102528	7.8	4
382	Controllable synthesis of a flower-like superstructure of nickel metal-organic phosphate and its derivatives for supercapacitors. <i>Applied Materials Today</i> , <b>2021</b> , 23, 101048	6.6	2
381	A Review of MOFs and Their Composites-Based Photocatalysts: Synthesis and Applications. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2104231	15.6	50
380	Cu-alanine complex-derived CuO electrocatalysts with hierarchical nanostructures for efficient oxygen evolution. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 2239-2242	8.1	2
379	When Conductive MOFs Meet MnO: High Electrochemical Energy Storage Performance in an Aqueous Asymmetric Supercapacitor. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 33083-33090	9.5	27
378	Pyridine-modulated Ni/Co bimetallic metal-organic framework nanoplates for electrocatalytic oxygen evolution. <i>Science China Materials</i> , <b>2021</b> , 64, 137-148	7.1	27
377	Fe-based phosphate nanostructures for supercapacitors. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 885-889	8.1	15

376	Catalysis within coordination cages. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 430, 213656	23.2	24
375	NiO nanoparticles decorated hexagonal Nickel-based metal-organic framework: Self-template synthesis and its application in electrochemical energy storage. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 581, 709-718	9.3	19
374	VOx/VSx@Graphene nanocomposites for electrochemical energy storage. <i>Chemical Engineering Journal</i> , <b>2021</b> , 404, 126310	14.7	3
373	Promoting performance of lithium-sulfur battery via in situ sulfur reduced graphite oxide coating. <i>Rare Metals</i> , <b>2021</b> , 40, 417-424	5.5	39
372	Exposing (0 0 1) crystal facet on the single crystalline Ni(OH) <sub>2</sub> quasi-nanocubes for aqueous Ni-Zn batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 413, 127523	14.7	12
371	Application of graphene-metal/conductive polymer based composites in supercapacitors?. <i>Journal of Energy Storage</i> , <b>2021</b> , 33, 102037	7.8	14
370	Synthesis of hollow amorphous cobalt phosphide-cobalt oxide composite with interconnected pores for oxygen evolution reaction. <i>Chemical Engineering Journal</i> , <b>2021</b> , 416, 127884	14.7	15
369	Porous Ni/NiO nanohybrids for electrochemical catalytic glucose oxidation. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 2017-2020	8.1	13
368	Porous rod-like Ni <sub>2</sub> P/Ni assemblies for enhanced urea electrooxidation. <i>Nano Research</i> , <b>2021</b> , 14, 1405-1412	14.1	30
367	Metal-Organic Framework-Based Hybrid Frameworks. <i>Small Structures</i> , <b>2021</b> , 2, 2000078	8.7	31
366	Design of hollow carbon-based materials derived from metal-organic frameworks for electrocatalysis and electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 3880-3917	17.3	41
365	Nano/Micro MOF-Based Materials <b>2021</b> , 1-40		
364	Controllable synthesis of ultrathin layered transition metal hydroxide/zeolitic imidazolate framework-67 hybrid nanosheets for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 11201-11209	13	17
363	Thermo-induced nanocomposites with improved catalytic efficiency for oxygen evolution. <i>Science China Materials</i> , <b>2021</b> , 64, 1556-1562	7.1	4
362	Recent advances in the development of electronically and ionically conductive metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 439, 213915	23.2	40
361	Layered V-MOF nanorods for rechargeable aqueous zinc-ion batteries. <i>Materials Today Chemistry</i> , <b>2021</b> , 21, 100513	6.2	9
360	Nsutite-type VO <sub>2</sub> microcrystals as highly durable cathode materials for aqueous zinc-ion batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 417, 128408	14.7	23
359	Heat treatment-induced Co <sup>3+</sup> enrichment in CoFePBA to enhance OER electrocatalytic performance. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	3

358	Ultrathin nanosheet metal-organic framework@NiO/Ni nanorod composites. <i>Chemical Engineering Journal</i> , <b>2021</b> , 417, 129201	14.7	10
357	Derivatives (Cu/CuO, Cu/Cu <sub>2</sub> O, and CuS) of Cu superstructures reduced by biomass reductants. <i>Materials Today Chemistry</i> , <b>2021</b> , 21, 100519	6.2	3
356	From Co-MOF to CoNi-MOF to Ni-MOF: A Facile Synthesis of 1D Micro-/Nanomaterials. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 13168-13176	5.1	4
355	Review on synthesis of porous TiO <sub>2</sub> -based catalysts for energy conversion systems. <i>Ceramics International</i> , <b>2021</b> , 47, 25177-25200	5.1	4
354	Polypyrrole-enveloped Prussian blue nanocubes with multi-metal synergistic adsorption toward lithium polysulfides: high-performance lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 420, 130518	14.7	13
353	MXene-Copper/Cobalt Hybrids via Lewis Acidic Molten Salts Etching for High Performance Symmetric Supercapacitors. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 25318-25322	16.4	70
352	MXene-Copper/Cobalt Hybrids via Lewis Acidic Molten Salts Etching for High Performance Symmetric Supercapacitors. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 25522	3.6	26
351	Metal-organic frameworks-derived metal phosphides for electrochemistry application. <i>Green Energy and Environment</i> , <b>2021</b> ,	5.7	3
350	Rational Design and General Synthesis of Multimetallic Metal-Organic Framework Nano-Octahedra for Enhanced Li-S Battery. <i>Advanced Materials</i> , <b>2021</b> , 33, e2105163	24	69
349	Fabrication of defect-rich bifunctional hollow NiTe <sub>2</sub> nanotubes for high performance hydrogen evolution electrocatalysts and supercapacitors. <i>Journal of Energy Storage</i> , <b>2021</b> , 42, 103098	7.8	6
348	Nickel/Cobalt phosphate ultrathin nanosheets grown on the surface of Fe(PO <sub>3</sub> ) <sub>3</sub> nanosheets for high performance supercapacitors. <i>Journal of Energy Storage</i> , <b>2021</b> , 42, 103082	7.8	4
347	Self-supporting transition metal chalcogenides on metal substrates for catalytic water splitting. <i>Chemical Engineering Journal</i> , <b>2021</b> , 421, 129645	14.7	14
346	Facile synthesis of sub-10 nm ZnS/ZnO nanoflakes for high-performance flexible triboelectric nanogenerators. <i>Nano Energy</i> , <b>2021</b> , 88, 106256	17.1	8
345	Synthesis and application of metal-organic framework films. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 444, 214060	23.2	15
344	Cyanide-metal framework derived porous MoO <sub>3</sub> -Fe <sub>2</sub> O <sub>3</sub> hybrid micro- octahedrons as superior anode for lithium-ion batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 130347	14.7	4
343	Advances in metal-organic framework-based nanozymes and their applications. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 449, 214216	23.2	16
342	Calcination activation of three-dimensional cobalt organic phosphate nanoflake assemblies for supercapacitors. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 4222-4229	6.8	6
341	Recent advances in two-dimensional materials for alkali metal anodes. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 5232-5257	13	16

340	Recent progress of dimensionally designed electrode nanomaterials in aqueous electrochemical energy storage. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 9535-9572	13	19
339	Applications of Metal-Organic Frameworks in Water Treatment: A Review. <i>Small</i> , <b>2021</b> , e2105715	11	10
338	Ultrathin Ni-MOF Nanobelts-Derived Composite for High Sensitive Detection of Nitrite. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 330	5	9
337	Quasi-ZIF-67 for Boosted Oxygen Evolution Reaction Catalytic Activity via a Low Temperature Calcination. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 25037-25041	9.5	40
336	Synthesis of Quasi-Ce-MOF Electro-catalysts for Enhanced Urea Oxidation Reaction Performance. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 8675-8680	8.3	36
335	CeO <sub>2</sub> quantum dots doped Ni-Co hydroxide nanosheets for ultrahigh energy density asymmetric supercapacitors. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 2330-2332	8.1	15
334	Hollow cobalt-iron prussian blue analogue nanocubes for high-performance supercapacitors. <i>Journal of Energy Storage</i> , <b>2020</b> , 31, 101544	7.8	17
333	Nitrogen-, phosphorus-doped carbon-carbon nanotube CoP dodecahedra by controlling zinc content for high-performance electrocatalytic oxygen evolution. <i>Rare Metals</i> , <b>2020</b> , 39, 680-687	5.5	37
332	Applications of Tin Sulfide-Based Materials in Lithium-Ion Batteries and Sodium-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2001298	15.6	90
331	Design and synthesis of nitrogen-doped hexagonal NiCoO nanoplates derived from Ni-Co-MOF for high-performance electrochemical energy storage. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 2280-2286	8.1	38
330	Porous phosphorus-rich CoP <sub>3</sub> /CoSnO <sub>2</sub> hybrid nanocubes for high-performance Zn-air batteries. <i>Science China Chemistry</i> , <b>2020</b> , 63, 475-482	7.9	23
329	Alternate Integration of Vertically Oriented CuSe@FeOOH and CuSe@MnOOH Hybrid Nanosheets Frameworks for Flexible In-Plane Asymmetric Micro-supercapacitors. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 3692-3703	6.1	17
328	Morphology and size controlled synthesis of Co-doped MIL-96 by different alkaline modulators for sensitively detecting alpha-fetoprotein. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 2263-2267	8.1	10
327	Two-Dimensional MOF and COF Nanosheets: Synthesis and Applications in Electrochemistry. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 6402-6422	4.8	75
326	Clean utilization of palm kernel shell: sustainable and naturally heteroatom-doped porous activated carbon for lithium-sulfur batteries. <i>Rare Metals</i> , <b>2020</b> , 39, 1099-1106	5.5	48
325	Synthesis of Functional Nanomaterials for Electrochemical Energy Storage <b>2020</b> ,		1
324	Oxalate-derived porous prismatic nickel/nickel oxide nanocomposites toward lithium-ion battery. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 580, 614-622	9.3	20
323	Synthesis of confining cobalt nanoparticles within SiO <sub>2</sub> /nitrogen-doped carbon framework derived from sustainable bamboo leaves as oxygen electrocatalysts for rechargeable Zn-air batteries. <i>Chemical Engineering Journal</i> , <b>2020</b> , 401, 126005	14.7	44

322	Metal-organic framework-based materials as an emerging platform for advanced electrochemical sensing. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 410, 213222	23.2	187
321	Ultrathin nanosheet-assembled accordion-like Ni-MOF for hydrazine hydrate amperometric sensing. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 168	5.8	14
320	MOF-derived electrocatalysts for oxygen reduction, oxygen evolution and hydrogen evolution reactions. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 1414-1448	58.5	587
319	Metal-organic frameworks as a platform for clean energy applications. <i>EnergyChem</i> , <b>2020</b> , 2, 100027	36.9	377
318	Brief Overview of Next-Generation Batteries. <i>SpringerBriefs in Materials</i> , <b>2020</b> , 35-51	0.5	
317	Controllable synthesis of a mesoporous NiO/Ni nanorod as an excellent catalyst for urea electro-oxidation. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 2089-2096	6.8	31
316	A Honeycomb-Like Bulk Superstructure of Carbon Nanosheets for Electrocatalysis and Energy Storage. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 19627-19632	16.4	50
315	A Honeycomb-Like Bulk Superstructure of Carbon Nanosheets for Electrocatalysis and Energy Storage. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 19795-19800	3.6	4
314	A review of electrochemical energy storage behaviors based on pristine metal-organic frameworks and their composites. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 416, 213341	23.2	94
313	Ultrathin nickel terephthalate nanosheet three-dimensional aggregates with disordered layers for highly efficient overall urea electrolysis. <i>Chemical Engineering Journal</i> , <b>2020</b> , 395, 125166	14.7	31
312	Enhancing Ion Transport: Function of Ionic Liquid Decorated MOFs in Polymer Electrolytes for All-Solid-State Lithium Batteries. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 4265-4274	6.1	25
311	CoP@SiO <sub>2</sub> nanoreactors: A core-shell structure for efficient electrocatalytic oxygen evolution reaction. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 2300-2304	8.1	22
310	Ni/Co bimetallic organic framework nanosheet assemblies for high-performance electrochemical energy storage. <i>Nanoscale</i> , <b>2020</b> , 12, 10685-10692	7.7	24
309	Synthetic Strategies for One-Dimensional/One-Dimensional Analogue Nanomaterials. <i>SpringerBriefs in Materials</i> , <b>2020</b> , 1-18	0.5	
308	Synthesis of Three-Dimensional Nanomaterials <b>2020</b> , 79-105		
307	One-Dimensional/One-Dimensional Analogue TMOs for Advanced Batteries. <i>SpringerBriefs in Materials</i> , <b>2020</b> , 53-70	0.5	
306	Nanomaterials for Supercapacitors <b>2020</b> , 195-220		
305	Recent advances in metal organic frameworks and their composites for batteries. <i>Nano Futures</i> , <b>2020</b> , 4, 032007	3.6	5



304	Hatted 1T/2H-Phase MoS <sub>2</sub> on Ni S Nanorods for Efficient Overall Water Splitting in Alkaline Media. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 2034-2040	4.8	12
303	Microporous Carbon Nanofibers Derived from Poly(acrylonitrile-co-acrylic acid) for High-Performance Supercapacitors. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 3326-3334	4.8	18
302	Development and application of carbon fiber in batteries. <i>Chemical Engineering Journal</i> , <b>2020</b> , 384, 1232-1247	4.7	55
301	Copolymer derived micro/meso-porous carbon nanofibers with vacancy-type defects for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 2463-2471	13	60
300	Cu/Cu <sub>2</sub> O nanostructures derived from copper oxalate as high performance electrocatalyst for glucose oxidation. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 1941-1945	8.1	31
299	Ultrathin cobalt pyrophosphate nanosheets with different thicknesses for Zn-air batteries. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 563, 328-335	9.3	24
298	Amorphous cobalt phosphate porous nanosheets derived from two-dimensional cobalt phosphonate organic frameworks for high performance of oxygen evolution reaction. <i>Applied Materials Today</i> , <b>2020</b> , 18, 100517	6.6	18
297	Nanoreactors derived from silica-protection-assisted metal-organic framework. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 2207-2210	8.1	2
296	Synthesis of micro/nanoscaled metal-organic frameworks and their direct electrochemical applications. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 301-331	58.5	416
295	Amorphous Intermediate Derivative from ZIF-67 and Its Outstanding Electrocatalytic Activity. <i>Small</i> , <b>2020</b> , 16, e1904252	11	65
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293	Non-precious nickel-based catalysts for hydrogen oxidation reaction in alkaline electrolyte. <i>Electrochemistry Communications</i> , <b>2020</b> , 121, 106871	5.1	4
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290	Electrocatalysts optimized with nitrogen coordination for high-performance oxygen evolution reaction. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 422, 213468	23.2	23
289	Vanadium-Based Materials as Positive Electrode for Aqueous Zinc-Ion Batteries. <i>Advanced Sustainable Systems</i> , <b>2020</b> , 4, 2000178	5.9	14
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284	A highly alkaline-stable metal oxide@metal-organic framework composite for high-performance electrochemical energy storage. <i>National Science Review</i> , <b>2020</b> , 7, 305-314	10.8	265
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278	Hydrothermal synthesis of MnOOH nanowires using sapless leaves as the reductant: an effective catalyst for the regio-specific epoxidation of nonone. <i>Sustainable Energy and Fuels</i> , <b>2019</b> , 3, 2572-2576	5.8	5
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190	Metal-Organic Framework-Derived Carbons for Battery Applications. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1800716	21.8	136
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176	Recent Progress in Some Amorphous Materials for Supercapacitors. <i>Small</i> , <b>2018</b> , 14, e1800426	11	88
175	MOF-Derived Metal Oxide Composites for Advanced Electrochemical Energy Storage. <i>Small</i> , <b>2018</b> , 14, e1704435	11	193
174	Derivatives of coordination compounds for rechargeable batteries. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 13999-14024	13	51
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171	Nanoparticle/MOF composites: preparations and applications. <i>Materials Horizons</i> , <b>2017</b> , 4, 557-569	14.4	174
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166	One-step synthesis of CoSn(OH) <sub>6</sub> nanocubes for high-performance all solid-state flexible supercapacitors. <i>Rare Metals</i> , <b>2017</b> , 36, 457-464	5.5	18
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162	Facile synthesis of ultrathin Ni-MOF nanobelts for high-efficiency determination of glucose in human serum. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 5234-5239	7.3	114
161	N,S co-doped 3D mesoporous carbon-Co <sub>3</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> architectures for high-performance flexible pseudo-solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 12774-12781	13	137



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159	Activated graphene with tailored pore structure parameters for long cycle-life lithium-sulfur batteries. <i>Nano Research</i> , <b>2017</b> , 10, 4305-4317	10	45
158	Transition metal oxides with one-dimensional/one-dimensional-analogue nanostructures for advanced supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 8155-8186	13	317
157	Rechargeable zinc-air batteries: a promising way to green energy. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 7651-7666	13	323
156	MoS <sub>2</sub> -Based Nanocomposites for Electrochemical Energy Storage. <i>Advanced Science</i> , <b>2017</b> , 4, 1600289	13.6	278
155	Facile one-step synthesis of Ag@CeO <sub>2</sub> core-shell nanospheres with efficient catalytic activity for the reduction of 4-nitrophenol. <i>CrystEngComm</i> , <b>2017</b> , 19, 684-689	3.3	34
154	Facile synthesis of Mn <sub>3</sub> [Co(CN) <sub>6</sub> ] <sub>2</sub> ·nH <sub>2</sub> O nanocrystals for high-performance electrochemical energy storage devices. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 442-449	6.8	12
153	Preparation of N, P co-doped activated carbons derived from honeycomb as an electrode material for supercapacitors. <i>RSC Advances</i> , <b>2017</b> , 7, 47448-47455	3.7	17
152	Syntheses and Energy Storage Applications of M <sub>x</sub> S <sub>y</sub> (M = Cu, Ag, Au) and Their Composites: Rechargeable Batteries and Supercapacitors. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1703949	15.6	126
151	Facile Synthesis of Polypyrrole Nanotubes and Their Supercapacitive Application. <i>International Journal of Electrochemical Science</i> , <b>2017</b> , 9320-9334	2.2	5
150	Porous high specific surface area-activated carbon with co-doping N, S and P for high-performance supercapacitors. <i>RSC Advances</i> , <b>2017</b> , 7, 43780-43788	3.7	27
149	Recent progress in layered double hydroxide based materials for electrochemical capacitors: design, synthesis and performance. <i>Nanoscale</i> , <b>2017</b> , 9, 15206-15225	7.7	107
148	Electrocatalysis of Rechargeable Non-Lithium Metal-Air Batteries. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1700589	4.6	17
147	Amorphous Cobalt Coordination Nanolayers Incorporated with Silver Nanowires: A New Electrode Material for Supercapacitors. <i>Particle and Particle Systems Characterization</i> , <b>2017</b> , 34, 1600412	3.1	7
146	Development of High-Voltage Aqueous Electrochemical Energy Storage Devices. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1700279	4.6	21
145	Aluminum-based materials for advanced battery systems. <i>Science China Materials</i> , <b>2017</b> , 60, 577-607	7.1	4
144	Nanostructured graphene-based materials for flexible energy storage. <i>Energy Storage Materials</i> , <b>2017</b> , 9, 150-169	19.4	177
143	Fabrication Methods of Porous Carbon Materials and Separator Membranes for Lithium-Sulfur Batteries: Development and Future Perspectives. <i>Small Methods</i> , <b>2017</b> , 1, 1700089	12.8	51

142	One Dimensional Silver-based Nanomaterials: Preparations and Electrochemical Applications. <i>Small</i> , <b>2017</b> , 13, 1701091	11	42
141	Synthesis of lithium metal silicates for lithium ion batteries. <i>Chinese Chemical Letters</i> , <b>2017</b> , 28, 2195-2206	11	10
140	Fabrication of Metal Molybdate Micro/Nanomaterials for Electrochemical Energy Storage. <i>Small</i> , <b>2017</b> , 13, 1700917	11	87
139	Phosphorus-based materials for high-performance rechargeable batteries. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 1424-1444	6.8	28
138	Cube-like CoSn(OH) <sub>6</sub> nanostructure for sensitive electrochemical detection of H <sub>2</sub> O <sub>2</sub> in human serum sample. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 241, 528-533	8.5	39
137	High-Performance Flexible Solid-State Asymmetric Supercapacitors based on Ordered Mesoporous Cobalt Oxide. <i>Energy Technology</i> , <b>2017</b> , 5, 544-548	3.5	13
136	Noble metal-based materials in high-performance supercapacitors. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 33-51	6.8	117
135	Bandgap engineering of ultrathin graphene-like carbon nitride nanosheets with controllable oxygenous functionalization. <i>Carbon</i> , <b>2017</b> , 113, 63-75	10.4	84
134	Facile synthesis and shape evolution of well-defined phosphotungstic acid potassium nanocrystals as a highly efficient visible-light-driven photocatalyst. <i>Nanoscale</i> , <b>2017</b> , 9, 216-222	7.7	85
133	Macroporous Activated Carbon Derived from Rapeseed Shell for Lithium-Sulfur Batteries. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 1036	2.6	30
132	Vanadium based materials as electrode materials for high performance supercapacitors. <i>Journal of Power Sources</i> , <b>2016</b> , 329, 148-169	8.9	216
131	Synthetic methods and electrochemical applications for transition metal phosphide nanomaterials. <i>RSC Advances</i> , <b>2016</b> , 6, 87188-87212	3.7	48
130	Tin-based nanomaterials for electrochemical energy storage. <i>RSC Advances</i> , <b>2016</b> , 6, 95449-95468	3.7	44
129	Copper-Based Nanomaterials for High-Performance Lithium-Ion Batteries. <i>Particle and Particle Systems Characterization</i> , <b>2016</b> , 33, 784-810	3.1	27
128	Flexible Supercapacitors: A Simple Approach to Boost Capacitance: Flexible Supercapacitors Based on Manganese Oxides@MOFs via Chemically Induced In Situ Self-Transformation (Adv. Mater. 26/2016). <i>Advanced Materials</i> , <b>2016</b> , 28, 5241	24	14
127	High performance of electrochemical lithium storage batteries: ZnO-based nanomaterials for lithium-ion and lithium-sulfur batteries. <i>Nanoscale</i> , <b>2016</b> , 8, 18578-18595	7.7	110
126	Facile synthesis of an accordion-like Ni-MOF superstructure for high-performance flexible supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 19078-19085	13	305
125	Mesoporous hybrid NiO <sub>x</sub> -MnO <sub>x</sub> nanoprisms for flexible solid-state asymmetric supercapacitors. <i>Dalton Transactions</i> , <b>2016</b> , 45, 10789-97	4.3	32

124	Facile synthesis of amorphous aluminum vanadate hierarchical microspheres for supercapacitors. <i>Inorganic Chemistry Frontiers</i> , <b>2016</b> , 3, 791-797	6.8	70
123	Facile synthesis of polypyrrole nanowires for high-performance supercapacitor electrode materials. <i>Progress in Natural Science: Materials International</i> , <b>2016</b> , 26, 237-242	3.6	73
122	High performance electrochemical capacitor materials focusing on nickel based materials. <i>Inorganic Chemistry Frontiers</i> , <b>2016</b> , 3, 175-202	6.8	238
121	Cu superstructures hydrothermally reduced by leaves and derived Cu <sub>2</sub> O/Co <sub>3</sub> O <sub>4</sub> hybrids for flexible solid-state electrochemical energy storage devices. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 4840-4847 <sup>13</sup>	13	25
120	A Simple Approach to Boost Capacitance: Flexible Supercapacitors Based on Manganese Oxides@MOFs via Chemically Induced In Situ Self-Transformation. <i>Advanced Materials</i> , <b>2016</b> , 28, 5242-8 <sup>24</sup>	24	190
119	Mango stone-derived activated carbon with high sulfur loading as a cathode material for lithium-sulfur batteries. <i>RSC Advances</i> , <b>2016</b> , 6, 39918-39925	3.7	28
118	Porous dimanganese trioxide microflowers derived from microcoordinations for flexible solid-state asymmetric supercapacitors. <i>Nanoscale</i> , <b>2016</b> , 8, 11689-97	7.7	28
117	Metal/Graphitic Carbon Nitride Composites: Synthesis, Structures, and Applications. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 3305-3328	4.5	69
116	Deposition of Nanostructured Fluorine-Doped Hydroxyapatite Coating from Aqueous Dispersion by Suspension Plasma Spray. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 2899-2904	3.8	9
115	Direct preparation of hierarchical macroporous BiC using SiO <sub>2</sub> opal as both template and precursor and its application in water splitting. <i>Materials Technology</i> , <b>2016</b> , 31, 526-531	2.1	1
114	Electrospun-Technology-Derived High-Performance Electrochemical Energy Storage Devices. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 2967-2995	4.5	33
113	Room temperature synthesis of cobalt-manganese-nickel oxalates micropolyhedrons for high-performance flexible electrochemical energy storage device. <i>Scientific Reports</i> , <b>2015</b> , 5, 8536	4.9	46
112	Reed Leaves as a Sustainable Silica Source for 3D Mesoporous Nickel (Cobalt) Silicate Architectures Assembled into Ultrathin Nanoflakes for High-Performance Supercapacitors. <i>Advanced Materials Interfaces</i> , <b>2015</b> , 2, 1400377	4.6	51
111	High-performance asymmetric full-cell supercapacitors based on CoNi <sub>2</sub> S <sub>4</sub> nanoparticles and activated carbon. <i>Journal of Solid State Electrochemistry</i> , <b>2015</b> , 19, 2177-2188	2.6	24
110	Hierarchically Porous NaCoPO <sub>4</sub> /Co <sub>3</sub> O <sub>4</sub> Hollow Microspheres for Flexible Asymmetric Solid-State Supercapacitors. <i>Particle and Particle Systems Characterization</i> , <b>2015</b> , 32, 831-839	3.1	39
109	Lamellar K <sub>2</sub> Co <sub>3</sub> (P <sub>2</sub> O <sub>7</sub> ) <sub>2</sub> ·2H <sub>2</sub> O nanocrystal whiskers: High-performance flexible all-solid-state asymmetric micro-supercapacitors via inkjet printing. <i>Nano Energy</i> , <b>2015</b> , 15, 303-312	17.1	153
108	Flexible supercapacitors based on paper substrates: a new paradigm for low-cost energy storage. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 5181-99	58.5	455
107	Hydrothermal Synthesis of Nickel Phosphate Nanorods for High-Performance Flexible Asymmetric All-Solid-State Supercapacitors. <i>Particle and Particle Systems Characterization</i> , <b>2015</b> , 32, 880-885	3.1	28

106	1D Co <sub>2</sub> .18Ni0.82Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> architectures assembled by ultrathin nanoflakes for high-performance flexible solid-state asymmetric supercapacitors. <i>Journal of Power Sources</i> , <b>2015</b> , 285, 385-392	8.9	65
105	New asymmetric and symmetric supercapacitor cells based on nickel phosphide nanoparticles. <i>Materials Chemistry and Physics</i> , <b>2015</b> , 165, 207-214	4.4	28
104	Core-shell Co <sub>11</sub> (HPO <sub>3</sub> ) <sub>8</sub> (OH) <sub>6</sub> Co <sub>3</sub> O <sub>4</sub> hybrids for high-performance flexible all-solid-state asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , <b>2015</b> , 651, 214-221	5.7	31
103	Easy fabrication of ultralight CN <sub>x</sub> foams with application as absorbents and continuous flow oil/water separation. <i>Materials Today Communications</i> , <b>2015</b> , 4, 116-123	2.5	7
102	Amorphous nickel pyrophosphate microstructures for high-performance flexible solid-state electrochemical energy storage devices. <i>Nano Energy</i> , <b>2015</b> , 17, 339-347	17.1	117
101	Comparison of NiS <sub>2</sub> and NiS hollow spheres for supercapacitors, non-enzymatic glucose sensors and water treatment. <i>Dalton Transactions</i> , <b>2015</b> , 44, 17278-85	4.3	80
100	Uniform manganese hexacyanoferrate hydrate nanocubes featuring superior performance for low-cost supercapacitors and nonenzymatic electrochemical sensors. <i>Nanoscale</i> , <b>2015</b> , 7, 16012-9	7.7	79
99	Mesoporous ZnS-NiS Nanocomposites for Nonenzymatic Electrochemical Glucose Sensors. <i>ChemistryOpen</i> , <b>2015</b> , 4, 32-8	2.3	14
98	Nickel hydroxide/nickel nano hybrids indirectly from coordination microfibers for high-performance supercapacitor electrodes. <i>Inorganic Chemistry Frontiers</i> , <b>2015</b> , 2, 129-135	6.8	20
97	Ultrathin cerium orthovanadate nanobelts for high-performance flexible all-solid-state asymmetric supercapacitors. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 338-43	4.5	15
96	One-step synthesis and graphene-modification to achieve nickel phosphide nanoparticles with electrochemical properties suitable for supercapacitors. <i>Materials Research Bulletin</i> , <b>2015</b> , 61, 333-339	5.1	52
95	Zeolitic Imidazolate Framework-67 Rhombic Dodecahedral Microcrystals with Porous {110} Facets As a New Electrocatalyst for Sensing Glutathione. <i>Particle and Particle Systems Characterization</i> , <b>2015</b> , 32, 429-433	3.1	19
94	Achieving High-Performance Supercapacitors by Constructing Porous Zinc/Manganese Oxide Microstructures. <i>Energy Technology</i> , <b>2015</b> , 3, 820-824	3.5	9
93	Sodium-Doped Mesoporous Ni <sub>2</sub> P <sub>2</sub> O <sub>7</sub> Hexagonal Tablets for High-Performance Flexible All-Solid-State Hybrid Supercapacitors. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 1731-7	4.5	54
92	Template-free synthesis of hierarchically porous NaCoPO <sub>4</sub> /Co <sub>3</sub> O <sub>4</sub> hollow microspheres and their application as electrocatalysts for glucose. <i>CrystEngComm</i> , <b>2015</b> , 17, 4540-4546	3.3	8
91	Ferric Phosphate Hydroxide Microstructures Affect Their Magnetic Properties. <i>ChemistryOpen</i> , <b>2015</b> , 4, 274-7	2.3	4
90	NiS hollow spheres for high-performance supercapacitors and non-enzymatic glucose sensors. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 679-86	4.5	77
89	Cobalt vanadium oxide thin nanoplates: primary electrochemical capacitor application. <i>Scientific Reports</i> , <b>2014</b> , 4, 5687	4.9	56

88	Single-crystalline hyperbranched nanostructure of iron hydroxyl phosphate $\text{Fe}_5(\text{PO}_4)_4(\text{OH})_3 \cdot 2\text{H}_2\text{O}$ for highly selective capture of phosphopeptides. <i>Scientific Reports</i> , <b>2014</b> , 4, 3753	4.9	13
87	Microwave-assisted synthesis of $\text{NiS}_2$ nanostructures for supercapacitors and cocatalytic enhancing photocatalytic $\text{H}_2$ production. <i>Scientific Reports</i> , <b>2014</b> , 4, 3577	4.9	190
86	$\text{NH}_4\text{CoPO}_4 \cdot \text{H}_2\text{O}$ microbundles consisting of one-dimensional layered microrods for high performance supercapacitors. <i>RSC Advances</i> , <b>2014</b> , 4, 340-347	3.7	40
85	Mesoporous $\text{ZnO-NiO}$ architectures for use in a high-performance nonenzymatic glucose sensor. <i>Mikrochimica Acta</i> , <b>2014</b> , 181, 1581-1589	5.8	34
84	Improvement of electrochemical performance of $\text{LiNi}_0.8\text{Co}_0.1\text{Mn}_0.1\text{O}_2$ cathode material by graphene nanosheets modification. <i>Electrochimica Acta</i> , <b>2014</b> , 149, 86-93	6.7	95
83	Porous hollow $\text{Co}_3\text{O}_4$ with rhombic dodecahedral structures for high-performance supercapacitors. <i>Nanoscale</i> , <b>2014</b> , 6, 14354-9	7.7	215
82	Facile synthesis and superior electrochemical performances of $\text{CoNi}_2\text{S}_4$ /graphene nanocomposite suitable for supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 9613-9619	13	215
81	Activated carbon with ultrahigh specific surface area synthesized from natural plant material for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 15889-15896	13	161
80	Nitrogen-Doped Carbon-Copper Nanohybrids as Electrocatalysts in $\text{H}_2\text{O}_2$ and Glucose Sensing. <i>ChemElectroChem</i> , <b>2014</b> , 1, 799-807	4.3	31
79	Copper metal-organic framework nanocrystal for plane effect nonenzymatic electro-catalytic activity of glucose. <i>Nanoscale</i> , <b>2014</b> , 6, 10989-94	7.7	70
78	Mesoporous 3D $\text{ZnO-NiO}$ architectures for high-performance supercapacitor electrode materials. <i>CrystEngComm</i> , <b>2014</b> , 16, 4169-4175	3.3	41
77	One-step synthesis of $\text{CoNi}_2\text{S}_4$ nanoparticles for supercapacitor electrodes. <i>RSC Advances</i> , <b>2014</b> , 4, 69983.7	3.7	113
76	Mesoporous $\text{Ni}_0.3\text{Co}_2.7\text{O}_4$ hierarchical structures for effective non-enzymatic glucose detection. <i>RSC Advances</i> , <b>2014</b> , 4, 33514-33519	3.7	26
75	Two-dimensional tin selenide nanostructures for flexible all-solid-state supercapacitors. <i>ACS Nano</i> , <b>2014</b> , 8, 3761-70	16.7	271
74	Facile synthesis of cerium oxide nanostructures for rechargeable lithium battery electrode materials. <i>RSC Advances</i> , <b>2014</b> , 4, 14872-14878	3.7	34
73	Assembling $\text{CdS}$ mesoporous nanosheets into 3D architectures for effective photocatalytic performance. <i>Dalton Transactions</i> , <b>2014</b> , 43, 5687-93	4.3	18
72	Facile preparation of highly luminescent $\text{CdTe}$ quantum dots within hyperbranched poly(amidoamine)s and their application in bio-imaging. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 115	5	10
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69	Electrodeposition of cobalt oxide nanoparticles on reduced graphene oxide: a two-dimensional hybrid for enzyme-free glucose sensing. <i>Journal of Solid State Electrochemistry</i> , <b>2014</b> , 18, 1049-1056	2.6	50
68	ZrO <sub>2</sub> /Dy <sub>2</sub> O <sub>3</sub> Solid Solution Nano-Materials: Tunable Composition, Visible light Responsive Photocatalytic Activities and Reaction Mechanism. <i>Journal of the American Ceramic Society</i> , <b>2013</b> , 96, 2979-2986	3.8	8
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66	Ferric phosphate hydroxide microcrystals for highly efficient visible-light-driven photocatalysts. <i>ChemPhysChem</i> , <b>2013</b> , 14, 2518-24	3.2	8
65	Facile synthesis of mesoporous Ni <sub>0.3</sub> Co <sub>2.7</sub> O <sub>4</sub> hierarchical structures for high-performance supercapacitors. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 3619	35.4	307
64	Nickel Phosphite Superstructures Assembled by Nanotubes: Original Application for Effective Electrode Materials of Supercapacitors. <i>ChemPlusChem</i> , <b>2013</b> , 78, 546-553	2.8	51
63	Bi-directional-bi-dimensionality alignment of self-supporting Mn <sub>3</sub> O <sub>4</sub> nanorod and nanotube arrays with different bacteriostasis and magnetism. <i>Nanoscale</i> , <b>2013</b> , 5, 12231-6	7.7	3
62	Uniform M <sub>3</sub> PMo <sub>12</sub> O <sub>40</sub> ·nH <sub>2</sub> O (M = NH <sub>4</sub> <sup>+</sup> , K <sup>+</sup> , Cs <sup>+</sup> ) rhombic dodecahedral nanocrystals for effective antibacterial agents. <i>Dalton Transactions</i> , <b>2013</b> , 42, 15637-44	4.3	26
61	Two-dimensional MnO nanowire network with enhanced electrochemical capacitance. <i>Scientific Reports</i> , <b>2013</b> , 3, 2193	4.9	71
60	Cobalt phosphite microarchitectures assembled by ultralong nanoribbons and their application as effective electrochemical capacitor electrode materials. <i>Nanoscale</i> , <b>2013</b> , 5, 503-7	7.7	72
59	A template method for synthesis of porous Sn-doped TiO <sub>2</sub> monolith and its enhanced photocatalytic activity. <i>Materials Letters</i> , <b>2013</b> , 93, 419-422	3.3	30
58	Electrochemical determination of glutathione based on an electrodeposited nickel oxide nanoparticles-modified glassy carbon electrode. <i>Analytical Methods</i> , <b>2013</b> , 5, 1779	3.2	23
57	Graphene oxide/nickel oxide modified glassy carbon electrode for supercapacitor and nonenzymatic glucose sensor. <i>Electrochimica Acta</i> , <b>2013</b> , 88, 708-712	6.7	180
56	Cu superstructures fabricated using tree leaves and CuMnO <sub>2</sub> superstructures for high performance supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 5053	13	53
55	The mitochondrial genome of the Chinese special butterfly <i>Luehdorfia chinensis</i> Leech (Lepidoptera: Papilionidae). <i>Mitochondrial DNA</i> , <b>2013</b> , 24, 211-3		4
54	Electrochemical detection of dopamine using water-soluble sulfonated graphene. <i>Electrochimica Acta</i> , <b>2013</b> , 102, 58-65	6.7	109
53	Mesoporous uniform ammonium nickel phosphate hydrate nanostructures as high performance electrode materials for supercapacitors. <i>CrystEngComm</i> , <b>2013</b> , 15, 5950	3.3	42

52	Few-layered CoHPO <sub>4</sub> · 3H <sub>2</sub> O ultrathin nanosheets for high performance of electrode materials for supercapacitors. <i>Nanoscale</i> , <b>2013</b> , 5, 5752-7	7.7	89
51	Cobalt pyrophosphate nano/microstructures as promising electrode materials of supercapacitor. <i>Journal of Solid State Electrochemistry</i> , <b>2013</b> , 17, 1383-1391	2.6	45
50	The Morphology Evolution of Nickel Phosphite Hexagonal Polyhedrons and Their Primary Electrochemical Capacitor Applications. <i>Particle and Particle Systems Characterization</i> , <b>2013</b> , 30, 287-295 <sup>3.1</sup>	3.1	36
49	Porous nanocubic Mn <sub>3</sub> O <sub>4</sub> -Co <sub>3</sub> O <sub>4</sub> composites and their application as electrochemical supercapacitors. <i>Dalton Transactions</i> , <b>2012</b> , 41, 10175-81	4.3	80
48	Preparation of electrochemically reduced graphene oxide-modified electrode and its application for determination of p-aminophenol. <i>Journal of Solid State Electrochemistry</i> , <b>2012</b> , 16, 2883-2889	2.6	29
47	Porous Mn <sub>3</sub> [Co(CN) <sub>6</sub> ] <sub>2</sub> ·nH <sub>2</sub> O nanocubes as a rapid organic dyes adsorption material. <i>RSC Advances</i> , <b>2012</b> , 2, 9614	3.7	18
46	Self-assembled 3D architectures of NaCe(MoO <sub>4</sub> ) <sub>2</sub> and their application as absorbents. <i>CrystEngComm</i> , <b>2012</b> , 14, 7330	3.3	35
45	Facile synthesis of porous nickel manganite materials and their morphology effect on electrochemical properties. <i>RSC Advances</i> , <b>2012</b> , 2, 5930	3.7	56
44	Facile fabrication of NH <sub>4</sub> CoPO <sub>4</sub> ·4H <sub>2</sub> O nano/microstructures and their primarily application as electrochemical supercapacitor. <i>Nanoscale</i> , <b>2012</b> , 4, 5946-53	7.7	91
43	Porous nickel oxide microflowers synthesized by calcination of coordination microflowers and their applications as glutathione electrochemical sensor and supercapacitors. <i>Electrochimica Acta</i> , <b>2012</b> , 85, 256-262	6.7	51
42	Electrostatic self-assembly for preparation of sulfonated graphene/gold nanoparticle hybrids and their application for hydrogen peroxide sensing. <i>Electrochimica Acta</i> , <b>2012</b> , 85, 628-635	6.7	57
41	Porous nickel oxide nanospindles with huge specific capacitance and long-life cycle. <i>RSC Advances</i> , <b>2012</b> , 2, 2257	3.7	72
40	Synthesis of copper(II) coordination polymers and conversion into CuO nanostructures with good photocatalytic, antibacterial and lithium ion battery performances. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 12609		70
39	Dendrite-like Co <sub>3</sub> O <sub>4</sub> nanostructure and its applications in sensors, supercapacitors and catalysis. <i>Dalton Transactions</i> , <b>2012</b> , 41, 5862-8	4.3	113
38	Facile synthesis of porous ZnO-NiO composite micropolyhedrons and their application for high power supercapacitor electrode materials. <i>Dalton Transactions</i> , <b>2012</b> , 41, 13284-91	4.3	118
37	Fabrication of cobalt ferrite nanostructures and comparison of their electrochemical properties. <i>Crystal Research and Technology</i> , <b>2012</b> , 47, 1032-1038	1.3	35
36	Magnetite syntheses from room temperature to 150°C with and without microwaves. <i>Ceramics International</i> , <b>2012</b> , 38, 2563-2568	5.1	31
35	Simple, fast and selective detection of adenosine triphosphate at physiological pH using unmodified gold nanoparticles as colorimetric probes and metal ions as cross-linkers. <i>Sensors</i> , <b>2012</b> , 12, 15078-87	3.8	14

34	Synthesis of Porous Cubic Nickel Oxide Nanostructures and their Electrochemical Property. <i>Advanced Materials Research</i> , <b>2012</b> , 557-559, 628-631	0.5	1
33	Cubic-Like Nickel Oxide Nanostructures as Large Specific Capacitance and Long-Life Supercapacitors. <i>Advanced Materials Research</i> , <b>2012</b> , 516-517, 1688-1691	0.5	1
32	TiO <sub>2</sub> /Ni nanocomposites: Biocompatible and recyclable magnetic photocatalysts. <i>Catalysis Communications</i> , <b>2011</b> , 12, 611-615	3.2	29
31	Facile synthesis of mono-dispersive hierarchical nickel-based microspheres as potential catalysts. <i>Catalysis Communications</i> , <b>2011</b> , 12, 1031-1036	3.2	19
30	Self-assembly Synthesis of High-density Platinum Nanoparticles on Chemically Reduced Graphene Sheets. <i>Chemistry Letters</i> , <b>2011</b> , 40, 104-105	1.7	9
29	Graphene oxide induced growth of one-dimensional fusiform zirconia nanostructures for highly selective capture of phosphopeptides. <i>Chemical Communications</i> , <b>2011</b> , 47, 11772-4	5.8	37
28	Facile control synthesis of Ag <sub>3</sub> PO <sub>4</sub> and morphologies effects on their photocatalytic properties. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanoengineering and Nanosystems</i> , <b>2011</b> , 225, 67-69		0
27	Facile synthesis of Ni <sub>3</sub> (BO <sub>3</sub> ) <sub>2</sub> nanoribbons and their antimicrobial, electrochemical and electrical properties. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 13889		11
26	CdTe/PEDOT-PSS hybrid microspheres: Facile fabrication and multiple-color pH-sensing. <i>Polymer</i> , <b>2011</b> , 52, 2542-2549	3.9	11
25	Selective synthesis of nickel oxide nanowires and length effect on their electrochemical properties. <i>Nanoscale</i> , <b>2010</b> , 2, 920-2	7.7	91
24	Hierarchical ZnO Nanorod-Assembled Hollow Superstructures for Catalytic and Photoluminescence Applications. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 40-43	3.5	84
23	Glucose-assisted synthesis of copper micropuzzles and their application as nonenzymatic glucose sensors. <i>Chemical Communications</i> , <b>2010</b> , 46, 2010-2	5.8	56
22	Fabrication of novel comb-like Cu(2)O nanorod-based structures through an interface etching method and their application as ethanol sensors. <i>Chemical Communications</i> , <b>2010</b> , 46, 7022-4	5.8	69
21	Controlled fabrication and property studies of nickel hydroxide and nickel oxide nanostructures. <i>CrystEngComm</i> , <b>2010</b> , 12, 1404-1409	3.3	25
20	One-step fabrication of Cd(OH) <sub>2</sub> nanorings via a solution phase synthesis. <i>Chemical Communications</i> , <b>2010</b> , 46, 6183-5	5.8	17
19	Glycine-assisted double-solvothermal approach for various cuprous oxide structures with good catalytic activities. <i>CrystEngComm</i> , <b>2010</b> , 12, 406-412	3.3	57
18	Fabrication of Cu <sub>3</sub> V <sub>2</sub> O <sub>7</sub> (OH) <sub>2</sub> ·2H <sub>2</sub> O Nanoribbons and Cu <sub>3</sub> V <sub>2</sub> O <sub>7</sub> (OH) <sub>2</sub> ·2H <sub>2</sub> O/PANI Nanocomposites Used in Supercapacitors. <i>Chemistry Letters</i> , <b>2010</b> , 39, 192-193	1.7	3
17	Preparation of mesoporous NiO with a bimodal pore size distribution and application in electrochemical capacitors. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 6830-6835	6.7	135



16	Low-Symmetry Iron Oxide Nanocrystals Bound by High-Index Facets. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 6472-6476	3.6	28
15	Low-symmetry iron oxide nanocrystals bound by high-index facets. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 6328-32	16.4	117
14	Magnetic field-assisted hydrothermal synthesis of magnetic microwire arrays. <i>Chemical Physics Letters</i> , <b>2009</b> , 482, 118-120	2.5	1
13	Sandwich-type polymer nanofiber structure of poly(furfuryl alcohol): an effective template for ordered porous films. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 12477-81	3.4	3
12	Copper-based nanostructures: promising antibacterial agents and photocatalysts. <i>Chemical Communications</i> , <b>2009</b> , 3571-3	5.8	85
11	Facile synthesis of nickel oxide nanotubes and their antibacterial, electrochemical and magnetic properties. <i>Chemical Communications</i> , <b>2009</b> , 7542-4	5.8	138
10	Morphology effect on antibacterial activity of cuprous oxide. <i>Chemical Communications</i> , <b>2009</b> , 1076-8	5.8	144
9	Modified Metal-Organic Frameworks for Electrochemical Applications. <i>Small Structures</i> , 2100200	8.7	4
8	In Situ Growth of Three-Dimensional MXene/Metal-Organic Framework Composites for High-Performance Supercapacitors. <i>Angewandte Chemie</i> , e202116282	3.6	4
7	MXenes nanocomposites for energy storage and conversion. <i>Rare Metals</i> , 1	5.5	5
6	Nickel-Based Materials for Advanced Rechargeable Batteries. <i>Advanced Functional Materials</i> , 2107928	15.6	5
5	Dual-ligand and hard-soft-acid-base strategies to optimize metal-organic framework nanocrystals for stable electrochemical cycling performance. <i>National Science Review</i> ,	10.8	42
4	Metal-Organic Framework-Based Sulfur-Loaded Materials. <i>Energy and Environmental Materials</i> ,	13	3
3	Metal-Organic Frameworks Nanocomposites with Different Dimensionalities for Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2100346	21.8	25
2	Bimetallic Metal-Organic Framework with High-Adsorption Capacity toward Lithium Polysulfides for Lithium-Sulfur Batteries. <i>Energy and Environmental Materials</i> ,	13	15
1	Strategies to improve electrochemical performances of pristine metal-organic frameworks-based electrodes for lithium/sodium-ion batteries. <i>SmartMat</i> ,	22.8	9