

# Qianwang Chen

## 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.

348  
papers

17,636  
citations

72  
h-index

119  
g-index

370  
ext. papers

20,111  
ext. citations

7.4  
avg, IF

7.18  
L-index

#	Paper	IF	Citations
348	Artificial Heterogeneous Interphase Layer with Boosted Ion Affinity and Diffusion for Na/K Metal Batteries.. <i>Advanced Materials</i> , <b>2022</b> , e2109439	24	11
347	Hollow Cuprous Oxide@Nitrogen-Doped Carbon Nanocapsules for Cascade Chemodynamic Therapy.. <i>Small</i> , <b>2022</b> , e2107422	11	3
346	Electrocatalysis in Room Temperature Sodium-Sulfur Batteries: Tunable Pathway of Sulfur Speciation.. <i>Small Methods</i> , <b>2022</b> , e2200335	12.8	1
345	Regulating the sodium storage sites in nitrogen-doped carbon materials by sulfur-doping engineering for sodium ion batteries. <i>Electrochimica Acta</i> , <b>2022</b> , 424, 140645	6.7	1
344	One-Step Construction of VS Nanoparticles Embedded in Amorphous Carbon Nanorods for High-Capacity and Long-Life Potassium Ion Half/Full Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 54308-54314	9.5	0
343	Tuning the p-Orbital Electron Structure of s-Block Metal Ca Enables a High-Performance Electrocatalyst for Oxygen Reduction. <i>Advanced Materials</i> , <b>2021</b> , 33, e2107103	24	12
342	Boosting the K-adsorption capacity in edge-nitrogen doped hierarchically porous carbon spheres for ultrastable potassium ion battery anodes. <i>Nanoscale</i> , <b>2021</b> , 13, 19634-19641	7.7	3
341	Cu Nanocluster-Loaded TiO Nanosheets for Highly Efficient Generation of CO-Free Hydrogen by Selective Photocatalytic Dehydrogenation of Methanol to Formaldehyde. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 18619-18626	9.5	7
340	Out-of-Plane Alignment of Conjugated Semiconducting Polymers by Horizontal Rotation in a High Magnetic Field. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 3476-3484	6.4	3
339	Structural engineering of sulfur-doped carbon encapsulated bismuth sulfide core-shell structure for enhanced potassium storage performance. <i>Nano Research</i> , <b>2021</b> , 14, 3545-3551	10	2
338	Ultrafast Potassium Storage in F-Induced Ultra-High Edge-Defective Carbon Nanosheets. <i>ACS Nano</i> , <b>2021</b> , 15, 10217-10227	16.7	27
337	Boosting Hydrazine Oxidation Reaction on CoP/Co Mott-Schottky Electrocatalyst through Engineering Active Sites. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 4849-4856	6.4	5
336	High Catalytic Performance of Au/BiO for Preferential Oxidation of CO in H. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	4
335	The creation of extra storage capacity in nitrogen-doped porous carbon as high-stable potassium-ion battery anodes. <i>Carbon</i> , <b>2021</b> , 178, 256-264	10.4	23
334	N and O multi-coordinated vanadium single atom with enhanced oxygen reduction activity. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 594, 466-473	9.3	5
333	Self-Assembled Single-Site Nanozyme for Tumor-Specific Amplified Cascade Enzymatic Therapy. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 3001-3007	16.4	67
332	Self-Assembled Single-Site Nanozyme for Tumor-Specific Amplified Cascade Enzymatic Therapy. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 3038-3044	3.6	12

331	Tuning the nitrogen-doping configuration in carbon materials via sulfur doping for ultrastable potassium ion storage. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 16150-16159	13	11
330	High-Capacity and Stable Sodium-Sulfur Battery Enabled by Confined Electrocatalytic Polysulfides Full Conversion. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2100666	15.6	14
329	Bioinspired Microenvironment Responsive Nanoprodrug as an Efficient Hydrophobic Drug Self-Delivery System for Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 33926-33936	9.5	2
328	Defect-induced ferromagnetism in a $S = 1/2$ quasi-one-dimensional Heisenberg antiferromagnetic chain compound. <i>Scientific Reports</i> , <b>2021</b> , 11, 14442	4.9	0
327	MOFs-Derived N-Doped Carbon-Encapsulated Metal/Alloy Electrocatalysts to Tune the Electronic Structure and Reactivity of Carbon Active Sites. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 2626-2637	4.9	2
326	Constructing Graphitic-Nitrogen-Bonded Pentagons in Interlayer-Expanded Graphene Matrix toward Carbon-Based Electrocatalysts for Acidic Oxygen Reduction Reaction. <i>Advanced Materials</i> , <b>2021</b> , 33, e2103133	24	8
325	Lewis-Basic EDTA as a Highly Active Molecular Electrocatalyst for CO <sub>2</sub> Reduction to CH <sub>4</sub> . <i>Angewandte Chemie</i> , <b>2021</b> , 133, 23184	3.6	4
324	Lewis-Basic EDTA as a Highly Active Molecular Electrocatalyst for CO Reduction to CH. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 23002-23009	16.4	7
323	Edge-nitrogen enriched carbon nanosheets for potassium-ion battery anodes with an ultrastable cycling stability. <i>Carbon</i> , <b>2021</b> , 184, 277-286	10.4	9
322	Construction of flexible V <sub>3</sub> S <sub>4</sub> @CNF films as long-term stable anodes for sodium-ion batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 423, 130229	14.7	11
321	A highly active defect engineered Cl-doped carbon catalyst for the N <sub>2</sub> reduction reaction. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 5807-5814	13	5
320	Construction of NiS Nanosheets Anchored on the Inner Surface of Nitrogen-Doped Hollow Carbon Matrixes with Enhanced Sodium and Potassium Storage Performances. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 662-670	6.1	10
319	Redox Catalysis Promoted Activation of Sulfur Redox Chemistry for Energy-Dense Flexible Solid-State Zn-S Battery. <i>ACS Nano</i> , <b>2021</b> ,	16.7	5
318	Solvent Vapor-Assisted Magnetic Manipulation of Molecular Orientation and Carrier Transport of Semiconducting Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 29487-29496	9.5	4
317	Engineering the coordination environment enables molybdenum single-atom catalyst for efficient oxygen reduction reaction. <i>Journal of Catalysis</i> , <b>2020</b> , 389, 150-156	7.3	32
316	Synthesis of urchin-like nickel nanoparticles with enhanced rotating magnetic field-induced cell necrosis and tumor inhibition. <i>Chemical Engineering Journal</i> , <b>2020</b> , 400, 125823	14.7	5
315	Turning main-group element magnesium into a highly active electrocatalyst for oxygen reduction reaction. <i>Nature Communications</i> , <b>2020</b> , 11, 938	17.4	105
314	Self-Additive Low-Dimensional Ruddlesden-Popper Perovskite by the Incorporation of Glycine Hydrochloride for High-Performance and Stable Solar Cells. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2000034	15.6	34

313	Biom mineralization-inspired nanozyme for single-wavelength laser activated photothermal-photodynamic synergistic treatment against hypoxic tumors. <i>Nanoscale</i> , <b>2020</b> , 12, 4051-4060	7.7	17
312	Atomically Dispersed Mn within Carbon Frameworks as High-Performance Oxygen Reduction Electrocatalysts for Zinc-Air Battery. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 427-434	8.3	21
311	Magnetic-induced graphene quantum dots for imaging-guided photothermal therapy in the second near-infrared window. <i>Biomaterials</i> , <b>2020</b> , 232, 119700	15.6	83
310	Mn-Doped RuO <sub>2</sub> Nanocrystals as Highly Active Electrocatalysts for Enhanced Oxygen Evolution in Acidic Media. <i>ACS Catalysis</i> , <b>2020</b> , 10, 1152-1160	13.1	118
309	Energetic Metal-Organic Frameworks Derived Highly Nitrogen-Doped Porous Carbon for Superior Potassium Storage. <i>Small</i> , <b>2020</b> , 16, e2002771	11	21
308	Boosting oxygen evolution reaction on graphene through engineering electronic structure. <i>Carbon</i> , <b>2020</b> , 170, 414-420	10.4	10
307	A robust spring-like lamellar VO/C nanostructure for high-rate and long-life potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 23939-23946	13	4
306	Silver Nanoparticles Encapsulated in an N-Doped Porous Carbon Matrix as High-Active Catalysts toward Oxygen Reduction Reaction via Electron Transfer to Outer Graphene Shells. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 16511-16519	8.3	11
305	O species-decorated graphene shell encapsulating iridium-nickel alloy as an efficient electrocatalyst towards hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 15079-15088	13	19
304	Enhancing the Capacitance of Battery-Type Hybrid Capacitors by Encapsulating MgO Nanoparticles in Porous Carbon as Reservoirs for OH <sup>-</sup> Ions from Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 21567-21577	9.5	7
303	A Mesoporous Nanoenzyme Derived from Metal-Organic Frameworks with Endogenous Oxygen Generation to Alleviate Tumor Hypoxia for Significantly Enhanced Photodynamic Therapy. <i>Advanced Materials</i> , <b>2019</b> , 31, e1901893	24	179
302	Nitrogen/oxygen co-doped mesoporous carbon octahedrons for high-performance potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 12317-12324	13	78
301	Magnetochemistry and chemical synthesis. <i>Chinese Physics B</i> , <b>2019</b> , 28, 037102	1.2	1
300	Improving electrocatalytic activity of iridium for hydrogen evolution at high current densities above 1000 mA cm <sup>-2</sup> . <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 258, 117965	21.8	25
299	The Enhancement of the Catalytic Oxidation of CO on Ir/CeO Nanojunctions. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 14238-14243	5.1	9
298	Dual Graphitic-N Doping in a Six-Membered C-Ring of Graphene-Analogous Particles Enables an Efficient Electrocatalyst for the Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 16973-16980	16.4	28
297	Dual Graphitic-N Doping in a Six-Membered C-Ring of Graphene-Analogous Particles Enables an Efficient Electrocatalyst for the Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 17129-17136	7.6	5
296	Oxygen/Fluorine Dual-Doped Porous Carbon Nanopolyhedra Enabled Ultrafast and Highly Stable Potassium Storage. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1906126	15.6	86

295	Nitrogen-Doped Graphene Quantum Dots as Metal-Free Photocatalysts for Near-Infrared Enhanced Reduction of 4-Nitrophenol. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 7043-7050	5.6	17
294	Highly Ambient-Stable 1T-MoS and 1T-WSe <sub>2</sub> by Hydrothermal Synthesis under High Magnetic Fields. <i>ACS Nano</i> , <b>2019</b> , 13, 1694-1702	16.7	89
293	Increase of Co 3d projected electronic density of states in AgCoO <sub>2</sub> enabled an efficient electrocatalyst toward oxygen evolution reaction. <i>Nano Energy</i> , <b>2019</b> , 57, 753-760	17.1	23
292	In Situ One-Pot Synthesis of MOF-Polydopamine Hybrid Nanogels with Enhanced Photothermal Effect for Targeted Cancer Therapy. <i>Advanced Science</i> , <b>2018</b> , 5, 1800287	13.6	81
291	Carbon-based hybrid nanogels: a synergistic nanoplatform for combined biosensing, bioimaging, and responsive drug delivery. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 4198-4232	58.5	146
290	Tuning the structure and properties of a multiferroic metal-organic-framework growing under high magnetic fields.. <i>RSC Advances</i> , <b>2018</b> , 8, 13675-13678	3.7	2
289	Metal-Free Catalytic Reduction of 4-Nitrophenol by MOFs-Derived N-Doped Carbon. <i>ChemistrySelect</i> , <b>2018</b> , 3, 1108-1112	1.8	23
288	Electroless Deposition Metals on Poly(dimethylsiloxane) with Strong Adhesion As Flexible and Stretchable Conductive Materials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 2075-2082	9.5	43
287	Tuning the Activity of Carbon for Electrocatalytic Hydrogen Evolution via an Iridium-Cobalt Alloy Core Encapsulated in Nitrogen-Doped Carbon Cages. <i>Advanced Materials</i> , <b>2018</b> , 30, 1705324	24	152
286	Vapochromic behavior of MOF for selective sensing of ethanol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 194, 158-162	4.4	14
285	Novel Metal Polyphenol Framework for MR Imaging-Guided Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 3295-3304	9.5	45
284	A Flexible Sulfur-Enriched Nitrogen Doped Multichannel Hollow Carbon Nanofibers Film for High Performance Sodium Storage. <i>Small</i> , <b>2018</b> , 14, e1802218	11	73
283	Variations of Major Product Derived from Conversion of 5-Hydroxymethylfurfural over a Modified MOFs-Derived Carbon Material in Response to Reaction Conditions. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	14
282	Adhesion-Enhanced Flexible Conductive Metal Patterns on Polyimide Substrate Through Direct Writing Catalysts with Novel Surface-Modification Electroless Deposition. <i>ChemistrySelect</i> , <b>2018</b> , 3, 7612-7618	1.8	4
281	Core-Shell Structurized FeO@C@MnO Nanoparticles as pH Responsive T-T* Dual-Modal Contrast Agents for Tumor Diagnosis. <i>ACS Biomaterials Science and Engineering</i> , <b>2018</b> , 4, 3047-3054	5.5	15
280	Ultra-small Albumin Templated Gd/Ru Composite Nanodots for In Vivo Dual modal MR/Thermal Imaging Guided Photothermal Therapy. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, e1800322	10.1	20
279	Bimetallic Zeolitic Imidazolate Framework as an Intrinsic Two-Photon Fluorescence and pH-Responsive MR Imaging Agent. <i>ACS Omega</i> , <b>2018</b> , 3, 9790-9797	3.9	17
278	Generation of Pd@Ni-CNTs from Polyethylene Wastes and Their Application in the Electrochemical Hydrogen Evolution Reaction. <i>ChemistrySelect</i> , <b>2018</b> , 3, 5321-5325	1.8	7

277	Designing highly efficient dual-metal single-atom electrocatalysts for the oxygen reduction reaction inspired by biological enzyme systems. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 13254-13262	13	106
276	Incorporation of Cu-N cofactors into graphene encapsulated Co as biomimetic electrocatalysts for efficient oxygen reduction. <i>Nanoscale</i> , <b>2018</b> , 10, 21076-21086	7.7	28
275	Turning Carbon Atoms into Highly Active Oxygen Reduction Reaction Electrocatalytic Sites in Nitrogen-Doped Graphene-Coated Co@Ag. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 14033-14041	8.2	7
274	Photo-Enhanced Singlet Oxygen Generation of Prussian Blue-Based Nanocatalyst for Augmented Photodynamic Therapy. <i>iScience</i> , <b>2018</b> , 9, 14-26	6.1	27
273	Water Splitting: Cobalt Nanocrystals Encapsulated in Heteroatom-Rich Porous Carbons Derived from Conjugated Microporous Polymers for Efficient Electrocatalytic Hydrogen Evolution (Small 42/2018). <i>Small</i> , <b>2018</b> , 14, 1870193	11	2
272	Ultrasmall Ru/Cu-doped RuO Complex Embedded in Amorphous Carbon Skeleton as Highly Active Bifunctional Electrocatalysts for Overall Water Splitting. <i>Small</i> , <b>2018</b> , 14, e1803009	11	104
271	Cobalt Nanocrystals Encapsulated in Heteroatom-Rich Porous Carbons Derived from Conjugated Microporous Polymers for Efficient Electrocatalytic Hydrogen Evolution. <i>Small</i> , <b>2018</b> , 14, e1803232	11	23
270	Acceleration of Liquid-Solid Redox Reaction with a Magneto-Catalyzed Method. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 21543-21547	3.8	1
269	Interface engineering of Ru-Co <sub>3</sub> O <sub>4</sub> nanocomposites for enhancing CO oxidation. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 11037-11043	13	27
268	Tuning the Electronic Structure of Se via Constructing Rh-MoSe <sub>2</sub> Nanocomposite to Generate High-Performance Electrocatalysis for Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 9137-9144	8.3	23
267	Metallic 1T phase MoS <sub>2</sub> nanosheets decorated hollow cobalt sulfide polyhedra for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 12613-12622	13	34
266	O-, N-Atoms-Coordinated Mn Cofactors within a Graphene Framework as Bioinspired Oxygen Reduction Reaction Electrocatalysts. <i>Advanced Materials</i> , <b>2018</b> , 30, e1801732	24	165
265	Enhanced Activity for Hydrogen Evolution Reaction over CoFe Catalysts by Alloying with Small Amount of Pt. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 3596-3601	9.5	96
264	Sodium-Ion Batteries: Improving the Rate Capability of 3D Interconnected Carbon Nanofibers Thin Film by Boron, Nitrogen Dual-Doping. <i>Advanced Science</i> , <b>2017</b> , 4, 1600468	13.6	132
263	MOF-derived RuO <sub>2</sub> /Co <sub>3</sub> O <sub>4</sub> heterojunctions as highly efficient bifunctional electrocatalysts for HER and OER in alkaline solutions. <i>RSC Advances</i> , <b>2017</b> , 7, 3686-3694	3.7	87
262	Pt-like electrocatalytic behavior of Ru-MoO <sub>2</sub> nanocomposites for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 5475-5485	13	150
261	A MOF-derived self-template strategy toward cobalt phosphide electrodes with ultralong cycle life and high capacity. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 10321-10327	13	72
260	Biocompatible Chitosan-Carbon Dot Hybrid Nanogels for NIR-Imaging-Guided Synergistic Photothermal-Chemo Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 18639-18649	9.5	97



259	Ruthenium-cobalt nanoalloys encapsulated in nitrogen-doped graphene as active electrocatalysts for producing hydrogen in alkaline media. <i>Nature Communications</i> , <b>2017</b> , 8, 14969	17.4	488
258	Tuning Electronic Structures of Nonprecious Ternary Alloys Encapsulated in Graphene Layers for Optimizing Overall Water Splitting Activity. <i>ACS Catalysis</i> , <b>2017</b> , 7, 469-479	13.1	255
257	Free-Standing Holey Ni(OH) Nanosheets with Enhanced Activity for Water Oxidation. <i>Small</i> , <b>2017</b> , 13, 1700334	11	75
256	Core-shell Metal-Organic Frameworks as Fe <sup>2+</sup> Suppliers for Fe <sup>2+</sup> -Mediated Cancer Therapy under Multimodality Imaging. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 3477-3489	9.6	77
255	Elemental two-dimensional nanosheets beyond graphene. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 2127-2157	38.5	220
254	Rapid Adsorption Enables Interface Engineering of PdMnCo Alloy/Nitrogen-Doped Carbon as Highly Efficient Electrocatalysts for Hydrogen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 38419-38427	9.5	23
253	Nanoporous PtFe Nanoparticles Supported on N-Doped Porous Carbon Sheets Derived from Metal-Organic Frameworks as Highly Efficient and Durable Oxygen Reduction Reaction Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 32106-32113	9.5	38
252	Insights into the reduction of 4-nitrophenol to 4-aminophenol on catalysts. <i>Chemical Physics Letters</i> , <b>2017</b> , 684, 148-152	2.5	70
251	Biomass waste inspired nitrogen-doped porous carbon materials as high-performance anode for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 693, 1197-1204	5.7	64
250	Biodegradable Core-shell Dual-Metal-Organic-Frameworks Nanotheranostic Agent for Multiple Imaging Guided Combination Cancer Therapy. <i>Theranostics</i> , <b>2017</b> , 7, 4605-4617	12.1	57
249	Formation of Co <sub>3</sub> O <sub>4</sub> hollow polyhedrons from metal-organic frameworks and their catalytic activity for CO oxidation. <i>Materials Letters</i> , <b>2016</b> , 182, 214-217	3.3	31
248	Magnetically guided delivery of DHA and Fe ions for enhanced cancer therapy based on pH-responsive degradation of DHA-loaded Fe <sub>3</sub> O <sub>4</sub> @C@MIL-100(Fe) nanoparticles. <i>Biomaterials</i> , <b>2016</b> , 107, 88-101	15.6	141
247	Conversion of 5-hydroxymethylfurfural into 5-ethoxymethylfurfural and ethyl levulinate catalyzed by MOF-based heteropolyacid materials. <i>Green Chemistry</i> , <b>2016</b> , 18, 5884-5889	10	81
246	Enhanced CO oxidation on CeO/CoO nanojunctions derived from annealing of metal organic frameworks. <i>Nanoscale</i> , <b>2016</b> , 8, 19761-19768	7.7	42
245	The effect of external magnetic fields on the catalytic activity of Pd nanoparticles in Suzuki cross-coupling reactions. <i>Nanoscale</i> , <b>2016</b> , 8, 8355-62	7.7	21
244	Pd-Co <sub>3</sub> [Co(CN) <sub>6</sub> ] <sub>2</sub> hybrid nanoparticles: preparation, characterization, and challenge for the Suzuki-Miyaura coupling of aryl chlorides under mild conditions. <i>Dalton Transactions</i> , <b>2016</b> , 45, 539-44	4.3	9
243	Preparation of porous MoO <sub>2</sub> @C nano-octahedrons from a polyoxometalate-based metal-organic framework for highly reversible lithium storage. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 12434-12441	13	73
242	Controllable synthesis of dual-MOFs nanostructures for pH-responsive artemisinin delivery, magnetic resonance and optical dual-modal imaging-guided chemo/photothermal combinational cancer therapy. <i>Biomaterials</i> , <b>2016</b> , 100, 27-40	15.6	193

241	Active and Durable Hydrogen Evolution Reaction Catalyst Derived from Pd-Doped Metal-Organic Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 13378-83	9.5	82
240	Surface polarization enhancement: high catalytic performance of Cu/CuOx/C nanocomposites derived from Cu-BTC for CO oxidation. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 8412-8420	13	92
239	Co <sub>3</sub> ZnC/Co nano heterojunctions encapsulated in N-doped graphene layers derived from PBAs as highly efficient bi-functional OER and ORR electrocatalysts. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 9204-9212	13	116
238	Photoluminescence distinction of lung adenocarcinoma cells A549 and squamous cells H520 using metallothionein expression in response to Cd-doped Mn <sub>3</sub> [Co(CN) <sub>6</sub> ] <sub>2</sub> nanocubes. <i>RSC Advances</i> , <b>2016</b> , 6, 84810-84814	3.7	
237	Metal-organic framework-derived porous Mn <sub>1.8</sub> Fe <sub>1.2</sub> O <sub>4</sub> nanocubes with an interconnected channel structure as high-performance anodes for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 2815-2824	13	126
236	Experimental and theoretical investigations of nitro-group doped porous carbon as a high performance lithium-ion battery anode. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 18657-18666	13	46
235	Mn(II) mediated degradation of artemisinin based on Fe <sub>3</sub> O <sub>4</sub> @MnSiO <sub>3</sub> -FA nanospheres for cancer therapy in vivo. <i>Nanoscale</i> , <b>2015</b> , 7, 12542-51	7.7	35
234	MOF-derived ultrafine MnO nanocrystals embedded in a porous carbon matrix as high-performance anodes for lithium-ion batteries. <i>Nanoscale</i> , <b>2015</b> , 7, 9637-45	7.7	192
233	Experimental and theoretical studies on the effects of magnetic fields on the arrangement of surface spins and the catalytic activity of Pd nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 6019-24	9.5	19
232	Non-precious alloy encapsulated in nitrogen-doped graphene layers derived from MOFs as an active and durable hydrogen evolution reaction catalyst. <i>Energy and Environmental Science</i> , <b>2015</b> , 8, 3563-3571	35.4	419
231	FeO@carbon@zeolitic imidazolate framework-8 nanoparticles as multifunctional pH-responsive drug delivery vehicles for tumor therapy in vivo. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 9033-9042	7.3	60
230	MOF-derived self-assembled ZnO/Co <sub>3</sub> O <sub>4</sub> nanocomposite clusters as high-performance anodes for lithium-ion batteries. <i>Dalton Transactions</i> , <b>2015</b> , 44, 16946-52	4.3	73
229	Synthesis of FeCo nanocrystals encapsulated in nitrogen-doped graphene layers for use as highly efficient catalysts for reduction reactions. <i>Nanoscale</i> , <b>2015</b> , 7, 450-4	7.7	70
228	Novel Mn <sub>3</sub> [Co(CN) <sub>6</sub> ] <sub>2</sub> @SiO <sub>2</sub> @Ag Core-Shell Nanocube: Enhanced Two-Photon Fluorescence and Magnetic Resonance Dual-Modal Imaging-Guided Photothermal and Chemo-therapy. <i>Small</i> , <b>2015</b> , 11, 5956-67	11	53
227	Enhanced Activity of CuCeO Catalysts for CO Oxidation: Influence of Cu <sub>2</sub> O and the Dispersion of Cu <sub>2</sub> O, CuO, and CeO <sub>2</sub> . <i>ChemPhysChem</i> , <b>2015</b> , 16, 2415-23	3.2	11
226	MoS <sub>2</sub> ultrathin nanosheets obtained under a high magnetic field for lithium storage with stable and high capacity. <i>Nanoscale</i> , <b>2015</b> , 7, 10925-30	7.7	19
225	Magnetic field induced controllable self-assembly of maghemite nanocrystals: From 3D arrays to 1D nanochains. <i>Applied Surface Science</i> , <b>2015</b> , 347, 202-207	6.7	14
224	pH-responsive iron manganese silicate nanoparticles as T <sub>1</sub> -T <sub>2</sub> * dual-modal imaging probes for tumor diagnosis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 5373-83	9.5	40



223	Nano electrochemical reactors of Fe <sub>2</sub> O <sub>3</sub> nanoparticles embedded in shells of nitrogen-doped hollow carbon spheres as high-performance anodes for lithium-ion batteries. <i>Nanoscale</i> , <b>2015</b> , 7, 3410-7	7.7	155
222	Universal strategy for homogeneously doping noble metals into cyano-bridged coordination polymers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 2088-96	9.5	32
221	A novel approach for the in situ synthesis of Pt-Pd nanoalloys supported on Fe <sub>3</sub> O <sub>4</sub> @C core-shell nanoparticles with enhanced catalytic activity for reduction reactions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 2671-8	9.5	106
220	Doped graphene for metal-free catalysis. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 2841-57	58.5	608
219	The influence of N-doped carbon materials on supported Pd: enhanced hydrogen storage and oxygen reduction performance. <i>ChemPhysChem</i> , <b>2014</b> , 15, 344-50	3.2	16
218	Dual-layer-structured nickel hexacyanoferrate/MnO <sub>2</sub> composite as a high-energy supercapacitive material based on the complementarity and interlayer concentration enhancement effect. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 6196-201	9.5	63
217	One for two: conversion of waste chicken feathers to carbon microspheres and (NH <sub>4</sub> )HCO <sub>3</sub> . <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 6500-7	10.3	23
216	Probing the influence of different oxygenated groups on graphene oxide's catalytic performance. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 610-613	13	57
215	Preparation of Fe <sub>2</sub> O <sub>3</sub> @C@MoO <sub>3</sub> core/shell nanocomposites as magnetically recyclable catalysts for efficient and selective epoxidation of olefins. <i>Dalton Transactions</i> , <b>2014</b> , 43, 6041-9	4.3	35
214	High lithium anodic performance of highly nitrogen-doped porous carbon prepared from a metal-organic framework. <i>Nature Communications</i> , <b>2014</b> , 5, 5261	17.4	1051
213	Synthesis and assembly of nanomaterials under magnetic fields. <i>Nanoscale</i> , <b>2014</b> , 6, 14064-105	7.7	104
212	CoMn <sub>2</sub> O <sub>4</sub> hierarchical microspheres with high catalytic activity towards p-nitrophenol reduction. <i>Dalton Transactions</i> , <b>2014</b> , 43, 13865-73	4.3	39
211	High and stable catalytic activity of porous Ag/Co <sub>3</sub> O <sub>4</sub> nanocomposites derived from MOFs for CO oxidation. <i>Applied Catalysis A: General</i> , <b>2014</b> , 487, 189-194	5.1	31
210	Magnetically responsive photonic watermarks on banknotes. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 3695	7.1	100
209	Hollow/porous nanostructures derived from nanoscale metal-organic frameworks towards high performance anodes for lithium-ion batteries. <i>Nanoscale</i> , <b>2014</b> , 6, 1236-57	7.7	257
208	Synthesis of novel two-phase Co@SiO <sub>2</sub> nanorattles with high catalytic activity. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 9073-9	5.1	38
207	Conversion of chicken feather waste to N-doped carbon nanotubes for the catalytic reduction of 4-nitrophenol. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 10191-7	10.3	86
206	Synthesis of sulfonic acid-functionalized Fe <sub>3</sub> O <sub>4</sub> @C nanoparticles as magnetically recyclable solid acid catalysts for acetalization reaction. <i>Dalton Transactions</i> , <b>2014</b> , 43, 1220-7	4.3	57

205	Facile fabrication of porous Ni(x)Co(3-x)O <sub>4</sub> nanosheets with enhanced electrochemical performance as anode materials for Li-ion batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 9256-64	9.5	127
204	Low-cost, acid/alkaline-resistant, and fluorine-free superhydrophobic fabric coating from onionlike carbon microspheres converted from waste polyethylene terephthalate. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 2928-33	10.3	39
203	Multifunctional mesoporous nanoparticles as pH-responsive Fe(2+) reservoirs and artemisinin vehicles for synergistic inhibition of tumor growth. <i>Biomaterials</i> , <b>2014</b> , 35, 6498-507	15.6	48
202	Improved performance of graphene doped with pyridinic N for Li-ion battery: a density functional theory model. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 12982-7	3.6	72
201	Hollow porous SiO <sub>2</sub> nanocubes towards high-performance anodes for lithium-ion batteries. <i>Scientific Reports</i> , <b>2013</b> , 3, 1568	4.9	304
200	Manganese hexacyanoferrate/MnO <sub>2</sub> composite nanostructures as a cathode material for supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 2621	13	78
199	Yolk-type Au@Fe <sub>3</sub> O <sub>4</sub> @C nanospheres for drug delivery, MRI and two-photon fluorescence imaging. <i>Dalton Transactions</i> , <b>2013</b> , 42, 9906-13	4.3	30
198	Metal-free catalytic reduction of 4-nitrophenol to 4-aminophenol by N-doped graphene. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 3260	35.4	330
197	Facile synthesis of porous Mn <sub>2</sub> O <sub>3</sub> hierarchical microspheres for lithium battery anode with improved lithium storage properties. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 576, 86-92	5.7	56
196	Parameters optimization of low carbon low alloy steel annealing process. <i>Acta Metallurgica Sinica (English Letters)</i> , <b>2013</b> , 26, 122-130	2.5	2
195	ZnO/Co <sub>3</sub> O <sub>4</sub> porous nanocomposites derived from MOFs: room-temperature ferromagnetism and high catalytic oxidation of CO. <i>ChemPhysChem</i> , <b>2013</b> , 14, 3953-9	3.2	28
194	Fe <sub>x</sub> Co <sub>3-x</sub> O <sub>4</sub> nanoporous particles stemmed from metal-organic frameworks Fe <sub>3</sub> [Co(CN) <sub>6</sub> ] <sub>2</sub> : A highly efficient material for removal of organic dyes from water. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 559, 57-63	5.7	32
193	A facile synthesis of multifunctional ZnO/Ag sea urchin-like hybrids as highly sensitive substrates for surface-enhanced Raman detection. <i>RSC Advances</i> , <b>2013</b> , 3, 11715	3.7	30
192	Synthesis of 3C/BiC nanowires by reaction of poly(ethylene terephthalate) waste with SiO <sub>2</sub> microspheres. <i>Journal of Alloys and Compounds</i> , <b>2013</b> , 566, 212-216	5.7	8
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188	The positive influence of boron-doped graphyne on surface enhanced Raman scattering with pyridine as the probe molecule and oxygen reduction reaction in fuel cells. <i>RSC Advances</i> , <b>2013</b> , 3, 4074	3.7	34

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180	Invisible photonic printing: computer designing graphics, UV printing and shown by a magnetic field. <i>Scientific Reports</i> , <b>2013</b> , 3, 1484	4.9	88
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175	Change in reaction pathway of nickel(II) complex induced by magnetic fields. <i>Materials Chemistry and Physics</i> , <b>2012</b> , 133, 541-546	4.4	7
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164	The positive influence of boron-doped graphene for its supported Au clusters: enhancement of SERS and oxygen molecule adsorption. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 13564-8	3.6	18
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145	Assembly of superparamagnetic colloidal nanoparticles into field-responsive purple Bragg reflectors. <i>Dalton Transactions</i> , <b>2011</b> , 40, 4810-3	4.3	15
144	Prussian Blue Analogue Mn <sub>3</sub> [Co(CN) <sub>6</sub> ] <sub>2</sub> ·11H <sub>2</sub> O porous nanocubes: large-scale synthesis and their CO <sub>2</sub> storage properties. <i>Dalton Transactions</i> , <b>2011</b> , 40, 5557-62	4.3	55
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105	One-step electroless synthesis and properties of copper film deposited on silicon substrate. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2008</b> , 205, 1580-1584	1.6	2
104	Magnetic field-induced formation of molecule-based magnetic material [Co <sub>1.5</sub> (N <sub>3</sub> )(OH)(L)] <sub>n</sub> with antiferromagnetic coupling. <i>Journal of Crystal Growth</i> , <b>2008</b> , 310, 3788-3791	1.6	5
103	Synthesis and magnetic properties of iron oxide nanoparticles/C and Fe/iron oxide nanoparticles/C composites. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, 107-112	2.8	19
102	Fundamental magnetic parameters from pure synthetic greigite (Fe <sub>3</sub> S <sub>4</sub> ). <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		91
101	Formation of one-dimensional nickel wires by chemical reduction of nickel ions under magnetic fields. <i>Chemical Communications</i> , <b>2007</b> , 2844-6	5.8	64
100	Reducing reaction of Fe <sub>3</sub> O <sub>4</sub> in nanoscopic reactors of a-CNTs. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 1724-8	3.4	30
99	Synthesis and Assembly of Magnetite Nanocubes into Flux-Closure Rings. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 6998-7003	3.8	91
98	Magnetic characteristics of synthetic pseudo-single-domain and multi-domain greigite (Fe <sub>3</sub> S <sub>4</sub> ). <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	26

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95	A novel two-dimensional square grid cobalt complex: Synthesis, structure, luminescent and magnetic properties. <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 1360-1364	3.1	35
94	High-yield synthesis of single-crystal short Eu <sub>2</sub> O <sub>3</sub> nanorods through a facile sol-gel template approach. <i>Journal of Crystal Growth</i> , <b>2007</b> , 309, 192-196	1.6	7
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92	Growth of dendritic bismuth microspheres by solution-phase process. <i>Materials Letters</i> , <b>2007</b> , 61, 3037-3040	3.4	13
91	Synthesis of Eu <sub>2</sub> O <sub>3</sub> hollow submicrometer spheres through a sol-gel template approach. <i>Materials Letters</i> , <b>2007</b> , 61, 4452-4455	3.3	24
90	General solution-based route to $\text{VVI}$ semiconductors nanorods from hydrolysate. <i>Journal of Nanoparticle Research</i> , <b>2007</b> , 9, 269-274	2.3	18
89	The formation of legume-like structures of Co nanoparticles through a polymer-assisted magnetic-field-induced assembly. <i>Nanotechnology</i> , <b>2007</b> , 18, 345301	3.4	45
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87	A Simple and Practical Method for the Preparation of Magnetite Nanowires. <i>Chemistry Letters</i> , <b>2007</b> , 36, 840-841	1.7	17
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83	Carbon based Nanostructures <b>2006</b> , 247-274		1
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81	Synthesis of polygonized carbon nanotubes utilizing inhomogeneous catalyst activity of nonspherical Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 16404-7	3.4	21
80	Ni Hollow Nanospheres: Preparation and Catalytic Activity. <i>Journal of Nanomaterials</i> , <b>2006</b> , 2006, 1-7	3.2	10

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70	A case of magnetic field-induced change in final product. <i>Solid State Communications</i> , <b>2005</b> , 136, 490-493	1.6	3
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54	Reply to Comment on "Growth of Large Diamond Crystals by Reduction of Magnesium Carbonate with Metallic Sodium" <i>Angewandte Chemie</i> , <b>2004</b> , 116, 4804	3.6	
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