

Qing-Li Hao

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.

95
papers

4,791
citations

26
h-index

68
g-index

100
ext. papers

5,600
ext. citations

6.4
avg, IF

5.89
L-index

#	Paper	IF	Citations
95	Palladium Nanoparticle-Modified Carbon Spheres @ Molybdenum Disulfide Core-Shell Composite for Electrochemically Detecting Quercetin. <i>Chemosensors</i> , 2022 , 10, 56	4	0
94	Defect-rich walnut-like copper-doped Ni(PO ₃) ₂ catalyst towards ammonia borane electrooxidation reaction with high performance. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 2035-2044	13	5
93	Synthesis of Ni(Co)MoO ₄ with a mixed structure on nickel foam for stable asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2022 , 900, 163502	5.7	2
92	Electrodeposited molybdenum-doped Co ₃ O ₄ nanosheet arrays for high-performance and stable hybrid supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2022 , 26, 353	2.6	0
91	Enhanced degradation of chloramphenicol through peroxydisulfate and visible light over Z-scheme Photocatalysts: Synergetic performance and mechanism insights. <i>Journal of Colloid and Interface Science</i> , 2022 , 608, 322-333	9.3	3
90	Controllable synthesis of ZnCo ₂ O ₄ @NiCo ₂ O ₄ heterostructures on Ni foam for hybrid supercapacitors with superior performance. <i>Journal of Alloys and Compounds</i> , 2022 , 891, 162053	5.7	6
89	Modification of surface electronic structure via Ru-doping: Porous Ru@CoFeP nanocubes to boost the oxygen evolution reaction. <i>Journal of Power Sources</i> , 2022 , 537, 231506	8.9	0
88	Ultrafine CuS Anchored on Nitrogen and Sulfur Co-doped Graphene for Selective CO ₂ Electroreduction to Formate. <i>Applied Surface Science</i> , 2021 , 151796	6.7	3
87	Efficient detection for Nitrofurazone based on novel AgS QDs/g-CN fluorescent probe.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 269, 120727	4.4	0
86	Hollow Porous CoSnO Nanocubes Encapsulated in One-Dimensional N-Doped Carbon Nanofibers as Anode Material for High-Performance Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 660-670	9.5	3
85	3D Printed Lithium-Metal Full Batteries Based on a High-Performance Three-Dimensional Anode Current Collector. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 24785-24794	9.5	13
84	Rational Design of a ZIF-67/Cobalt-Glycolate Heterostructure with Improved Conductivity for High Cycling Stability and High-Capacity Lithium Storage. <i>ChemElectroChem</i> , 2021 , 8, 2431-2441	4.3	3
83	CuCoO Hollow Microspheres with Graphene Composite Targeting Superior Lithium-Ion Storage. <i>Langmuir</i> , 2021 , 37, 8426-8434	4	2
82	Hollow porous nanocuboids cobalt-based metal-organic frameworks with coordination defects as anode for enhanced lithium storage. <i>Journal of Materials Science</i> , 2021 , 56, 17178-17190	4.3	0
81	A sequential template strategy toward hierarchical hetero-metal phosphide hollow nanoboxes for electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 3482-3491	13	7
80	A ratiometric fluorescent sensor based on g-CNQDs@Zn-MOF for the sensitive detection of riboflavin via FRET. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 246, 119004	4.4	17
79	Facile formation of Fe-doped NiCoP hollow nanocages as bifunctional electrocatalysts for overall water splitting. <i>CrystEngComm</i> , 2021 , 23, 3861-3869	3.3	3

78	Construction of a High-Performance Three-Dimensional Structured NiCo ₂ O ₄ @PPy Nanosheet Array Free-Standing Electrode for a Hybrid Supercapacitor. <i>ACS Applied Energy Materials</i> , 2021 , 4, 3093-3100	6.1	9
77	Tribological Properties of the Functionalized Graphene/Montmorillonite Nanosheets as a Lubricant Additive. <i>Tribology Letters</i> , 2021 , 69, 1	2.8	0
76	Review of Pristine Metal-Organic Frameworks for Supercapacitors: Recent Progress and Perspectives. <i>Energy & Fuels</i> , 2021 , 35, 12884-12901	4.1	8
75	Label-free photoelectrochemical immunosensor for aflatoxin B1 detection based on the Z-scheme heterojunction of g-CN/Au/WO ₃ . <i>Biosensors and Bioelectronics</i> , 2021 , 189, 113373	11.8	11
74	Simultaneous determination of riboflavin and chloramphenicol by MoS ₂ nanosheets decorated three-dimensional porous carbon: Reaction mechanism insights by computational simulation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 628, 127291	5.1	4
73	A nitrogen-doped NiCo ₂ S ₄ /CoO hollow multi-layered heterostructure microsphere for efficient oxygen evolution in Zn-air batteries. <i>Nanoscale</i> , 2021 , 13, 810-818	7.7	9
72	Pristine Co(BDC)TED0.5 a pillared-layer biligand cobalt based metal organic framework as improved anode material for lithium-ion batteries. <i>Applied Materials Today</i> , 2020 , 21, 100813	6.6	11
71	A sonochemical assisted synthesis of hollow sphere structured tin (IV) oxide on graphene oxide sheets for the low-level detection of environmental pollutant mercury in biological samples and foodstuffs. <i>Ultrasonics Sonochemistry</i> , 2020 , 67, 105164	8.9	11
70	Facile Synthesis of Protonated Carbon Nitride/Ti ₃ C ₂ T _x Nanocomposite for Simultaneous Detection of Pb ²⁺ and Cd ²⁺ . <i>Journal of the Electrochemical Society</i> , 2020 , 167, 067509	3.9	14
69	Oxygen vacancies boosting ultra-stability of mesoporous ZnO-CoO@N-doped carbon microspheres for asymmetric supercapacitors. <i>Science China Materials</i> , 2020 , 63, 2013-2027	7.1	15
68	Fluorescent MoS QDs based on IFE for turn-off determination of FOX-7 in real water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 231, 118131	4.4	11
67	3D Printed High-Loading Lithium-Sulfur Battery Toward Wearable Energy Storage. <i>Advanced Functional Materials</i> , 2020 , 30, 1909469	15.6	47
66	Integrated Electrode of PPy/Ni(OH) ₂ Composite on Nickel Foam with Enhanced Electrochemical Performance for Hybrid supercapacitors. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 020560	3.9	6
65	Controllable Assembly of Hybrid Electrodes by Electrophoretic Deposition for High-Performance Battery/Supercapacitor Hybrid Devices. <i>ACS Applied Energy Materials</i> , 2020 , 3, 1784-1793	6.1	11
64	Hierarchical MOF-derived layered Fe ₃ O ₄ QDs@C imbedded on graphene sheets as a high-performance anode for Lithium-ion storage. <i>Applied Surface Science</i> , 2020 , 509, 144882	6.7	12
63	Metal-Organic Framework-Derived Fe-Doped Co Te Embedded in Nitrogen-Doped Carbon Nanotube for Water Splitting. <i>ChemSusChem</i> , 2020 , 13, 5239-5247	8.3	11
62	Hierarchically Hollow and Porous NiO/NiCoO Nanoprisms Encapsulated in Graphene Oxide for Lithium Storage. <i>Langmuir</i> , 2020 , 36, 9668-9674	4	10
61	Oxygen Vacancy Modulated LiMn _x O _y @C Three-Dimensional Nanosheet Arrays on Nickel Foam for Lithium-Ion Capacitor with High Performance. <i>ACS Applied Energy Materials</i> , 2020 , 3, 4840-4851	6.1	7

60	Ultrafine Ni(OH) ₂ nanoplatelets grown on 3D graphene hydrogel fabricated by electrochemical exfoliation for high-performance battery-type asymmetric supercapacitor applications. <i>Journal of Power Sources</i> , 2019 , 439, 227046	8.9	14
59	Metal organic framework derived NbO@C nanoparticles grown on reduced graphene oxide for high-energy lithium ion capacitors. <i>Chemical Communications</i> , 2019 , 55, 2692-2695	5.8	44
58	Hierarchical electrodes of NiCo ₂ S ₄ nanosheets-anchored sulfur-doped Co ₃ O ₄ nanoneedles with advanced performance for battery-supercapacitor hybrid devices. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 3228-3237	13	137
57	Simple sonochemical synthesis of lanthanum tungstate (La(WO)) nanoparticles as an enhanced electrocatalyst for the selective electrochemical determination of anti-scald-inhibitor diphenylamine. <i>Ultrasonics Sonochemistry</i> , 2019 , 58, 104647	8.9	17
56	In situ preparation of bacterial cellulose with antimicrobial properties from bioconversion of mulberry leaves. <i>Carbohydrate Polymers</i> , 2019 , 220, 170-175	10.3	26
55	One-step fabrication of NiO _x -decorated carbon nanotubes-NiCo ₂ O ₄ as an advanced electroactive composite for supercapacitors. <i>Electrochimica Acta</i> , 2019 , 318, 51-60	6.7	11
54	A novel electrochemical sensor for uric acid detection based on PCN/MWCNT. <i>Ionics</i> , 2019 , 25, 4437-4445.	7	17
53	Amoxicillin on polyglutamic acid composite three-dimensional graphene modified electrode: Reaction mechanism of amoxicillin insights by computational simulations. <i>Analytica Chimica Acta</i> , 2019 , 1073, 22-29	6.6	16
52	Preparation of Biomass-Based Porous Carbons with High Specific Capacitance for Applications in Supercapacitors. <i>ChemElectroChem</i> , 2019 , 6, 3599-3605	4.3	21
51	Hierarchical structure electrodes of NiO ultrathin nanosheets anchored to NiCo ₂ O ₄ on carbon cloth with excellent cycle stability for asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2019 , 355, 416-427	14.7	172
50	Template-Assisted Self-Sulfuration Formation of MoS ₂ Nanosheets Embedded in Ordered Mesoporous Carbon for Lithium Storage. <i>ACS Applied Energy Materials</i> , 2019 , 2, 6158-6162	6.1	5
49	Synthesis, characterization and catalytic performance of nanostructured dysprosium molybdate catalyst for selective biomolecule detection in biological and pharmaceutical samples. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5065-5077	7.3	12
48	Handy purifier based on bacterial cellulose and Ca-montmorillonite composites for efficient removal of dyes and antibiotics. <i>Carbohydrate Polymers</i> , 2019 , 222, 115017	10.3	24
47	Shaddock peel derived nitrogen and phosphorus dual-doped hierarchical porous carbons as high-performance catalysts for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 26982-26991	6.7	12
46	Facile fabrication of a hierarchical NiCoFeP hollow nanoprism for efficient oxygen evolution in the Zn air battery. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24964-24972	13	33
45	Manganese doped Co ₃ O ₄ mesoporous nanoneedle array for long cycle-stable supercapacitors. <i>Applied Surface Science</i> , 2019 , 469, 941-950	6.7	79
44	A high-performance fluorescent probe for dopamine detection based on g-CN nanofibers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 212, 300-307	4.4	18
43	Cobalt ferrite on honeycomb-like algae-derived nitrogen-doped carbon for electrocatalytic oxygen reduction and ultra-cycle-stable lithium storage. <i>Electrochimica Acta</i> , 2019 , 295, 461-471	6.7	18

42	A Facile Construction of Porous g-C ₃ N ₄ /poly(3,4-ethylenedioxythiophene) Composite Modified Electrode for Ascorbic Acid Determination. <i>Journal of the Electrochemical Society</i> , 2018 , 165, B118-B126	3.9	10
41	Hierarchical NiO@NiCo ₂ O ₄ Core-shell Nanosheet Arrays on Ni Foam for High-Performance Electrochemical Supercapacitors. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 6246-6256	3.9	52
40	Multiple Metal (Cu, Mn, Fe) Centered Species Simultaneously Combined Nitrogen-doped Graphene as an Electrocatalyst for Oxygen Reduction in Alkaline and Neutral Solutions. <i>ChemCatChem</i> , 2018 , 10, 2471-2480	5.2	7
39	Free-Standing Hybrid Graphene Paper Encapsulating Nanostructures for High Cycle-Life Supercapacitors. <i>ChemSusChem</i> , 2018 , 11, 907-915	8.3	12
38	Three-Dimensional Hierarchical Structure ZnO@C@NiO on Carbon Cloth for Asymmetric Supercapacitor with Enhanced Cycle Stability. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3549-3561	9.5	172
37	Preparation of bacterial cellulose based nitrogen-doped carbon nanofibers and their applications in the oxygen reduction reaction and sodium-ion battery. <i>New Journal of Chemistry</i> , 2018 , 42, 7407-7415	3.6	9
36	Facile synthesis of T-Nb ₂ O ₅ nanosheets/nitrogen and sulfur co-doped graphene for high performance lithium-ion hybrid supercapacitors. <i>Science China Materials</i> , 2018 , 61, 273-284	7.1	15
35	Polyaniline-assisted growth of MnO ₂ ultrathin nanosheets on graphene and porous graphene for asymmetric supercapacitor with enhanced energy density. <i>Chemical Engineering Journal</i> , 2018 , 334, 1-9	14.7	114
34	N-Doped Carbon Nanofibrous Network Derived from Bacterial Cellulose for the Loading of Pt Nanoparticles for Methanol Oxidation Reaction. <i>Chemistry - A European Journal</i> , 2018 , 24, 1844-1852	4.8	14
33	Microwave-Assisted Synthesis of a Polypyrrole/Graphene Composite Using a Pyrrole-Induced Graphene Oxide Hydrogel for the Selective Determination of Dihydroxybenzenes. <i>ChemistrySelect</i> , 2018 , 3, 7713-7717	1.8	2
32	Electrochemical detection of dopamine by a calixarene-cellulose acetate mixed Langmuir-Blodgett monolayer. <i>Analytica Chimica Acta</i> , 2018 , 1042, 29-36	6.6	7
31	Self-template synthesis of yolk-shelled NiCo ₂ O ₄ spheres for enhanced hybrid supercapacitors. <i>Applied Surface Science</i> , 2018 , 427, 174-181	6.7	99
30	Boosting long-cycle-life energy storage with holey graphene supported TiNb ₂ O ₇ network nanostructure for lithium ion hybrid supercapacitors. <i>Journal of Power Sources</i> , 2018 , 403, 66-75	8.9	63
29	Smart and designable graphene/SiO ₂ nanocomposites with multifunctional applications in silicone elastomers and polyaniline supercapacitors. <i>RSC Advances</i> , 2017 , 7, 11478-11490	3.7	8
28	Build a Rigid-Flexible Graphene/Silicone Interface by Embedding SiO for Adhesive Application. <i>ACS Omega</i> , 2017 , 2, 1063-1073	3.9	12
27	Novel Heterogeneous Hybrid of Yolk-shell CuO@CuFe ₂ O ₄ : Facile Synthesis and Enhanced Lithium-Storage Performance. <i>ChemElectroChem</i> , 2017 , 4, 2068-2074	4.3	11
26	Amperometric nonenzymatic determination of glucose via a glassy carbon electrode modified with nickel hydroxide and N-doped reduced graphene oxide. <i>Mikrochimica Acta</i> , 2017 , 184, 3103-3111	5.8	28
25	Nickel cobaltite nanosheets strongly anchored on boron and nitrogen co-doped graphene for high-performance asymmetric supercapacitors. <i>Nanotechnology</i> , 2017 , 28, 315403	3.4	17

24	Determination of trace uric acid in serum using porous graphitic carbon nitride (g-CN) as a fluorescent probe. <i>Mikrochimica Acta</i> , 2017 , 185, 39	5.8	17
23	Design of a nanoporous interfacial SiO ₂ layer in polysiloxane/graphene oxide nanocomposites for efficient stress transmission. <i>RSC Advances</i> , 2016 , 6, 60160-60170	3.7	6
22	Modified PEDOT by benign preparing N-doped reduced graphene oxide as potential bio-electrode coating material. <i>Green Chemistry</i> , 2016 , 18, 1731-1737	10	20
21	Fluorescence quenchometric method for determination of ferric ion using boron-doped carbon dots. <i>Mikrochimica Acta</i> , 2016 , 183, 273-279	5.8	106
20	Simultaneous Detection of Dopamine and Uric Acid Using a Poly(L-lysine)/Graphene Oxide Modified Electrode. <i>Nanomaterials</i> , 2016 , 6,	5.4	31
19	High capacitive amorphous barium nickel phosphate nanofibers for electrochemical energy storage. <i>RSC Advances</i> , 2016 , 6, 45986-45992	3.7	20
18	Hollow Amorphous MnSnO ₃ Nanohybrid with Nitrogen-Doped Graphene for High-Performance Lithium Storage. <i>Electrochimica Acta</i> , 2016 , 214, 1-10	6.7	21
17	One-Step Ball-Milling Preparation of Highly Photocatalytic Active CoFe ₂ O ₄ /Reduced Graphene Oxide Heterojunctions For Organic Dye Removal. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 2862-2867	3.9	86
16	Facile synthesis of sandwich-like polyaniline/boron-doped graphene nano hybrid for supercapacitors. <i>Carbon</i> , 2015 , 81, 552-563	10.4	185
15	Well-Combined Magnetically Separable Hybrid Cobalt Ferrite/Nitrogen-Doped Graphene as Efficient Catalyst with Superior Performance for Oxygen Reduction Reaction. <i>Small</i> , 2015 , 11, 5833-43	11	63
14	Synthesis and electrochemical properties of graphene oxide/manganese oxide/polyaniline and its reduced composites. <i>RSC Advances</i> , 2014 , 4, 56615-56624	3.7	13
13	Studies on the interaction between 9-fluorenylmethyl chloroformate and Fe ³⁺ and Cu ²⁺ ions: spectroscopic and theoretical calculation approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 132, 361-8	4.4	9
12	Sensitive and Selective Detection of Imidacloprid by Graphene-Oxide-Modified Glassy Carbon Electrode. <i>ChemElectroChem</i> , 2014 , 1, 1063-1067	4.3	13
11	Conducting polymer composites with graphene for use in chemical sensors and biosensors. <i>Mikrochimica Acta</i> , 2014 , 181, 707-722	5.8	134
10	Graphene/SnO ₂ /polypyrrole ternary nanocomposites as supercapacitor electrode materials. <i>RSC Advances</i> , 2012 , 2, 10268	3.7	164
9	Reduced-graphene oxide/molybdenum oxide/polyaniline ternary composite for high energy density supercapacitors: Synthesis and properties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 8314		145
8	Nanostructured ternary composites of graphene/Fe ₂ O ₃ /polyaniline for high-performance supercapacitors. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16844		178
7	High-quality and excellent green-light-emitting poly(acenaphthylene) film: electrosynthesis and characterization. <i>Polymer Chemistry</i> , 2011 , 2, 1085-1090	4.9	8

6	Morphology-controlled fabrication of sulfonated graphene/polyaniline nanocomposites by liquid/liquid interfacial polymerization and investigation of their electrochemical properties. <i>Nano Research</i> , 2011 , 4, 323-333	10	99
5	Conducting Polymers as Artificial Receptors in Chemical Sensors 2010 , 361-390		2
4	Effect of graphene oxide on the properties of its composite with polyaniline. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 821-8	9.5	531
3	A nanostructured graphene/polyaniline hybrid material for supercapacitors. <i>Nanoscale</i> , 2010 , 2, 2164-70	7.7	536
2	Graphene oxide doped polyaniline for supercapacitors. <i>Electrochemistry Communications</i> , 2009 , 11, 1158-61	7.02	
1	Experimental and density functional studies on 4-(4-cyanobenzylideneamino)antipyrine. <i>Molecular Physics</i> , 2009 , 107, 223-235	1.7	99