

Qing-Li Hao

List of Publications by Year in descending order

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96
papers

6,362
citations

117453

34
h-index

66788

78
g-index

100
all docs

100
docs citations

100
times ranked

7783
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene oxide doped polyaniline for supercapacitors. <i>Electrochemistry Communications</i> , 2009, 11, 1158-1161.	2.3	779
2	Effect of Graphene Oxide on the Properties of Its Composite with Polyaniline. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 821-828.	4.0	593
3	A nanostructured graphene/polyaniline hybrid material for supercapacitors. <i>Nanoscale</i> , 2010, 2, 2164.	2.8	590
4	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.	4.0	252
5	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.	6.6	225
6	Facile synthesis of sandwich-like polyaniline/boron-doped graphene nano hybrid for supercapacitors. <i>Carbon</i> , 2015, 81, 552-563.	5.4	218
7	Nanostructured ternary composites of graphene/Fe ₂ O ₃ /polyaniline for high-performance supercapacitors. <i>Journal of Materials Chemistry</i> , 2012, 22, 16844.	6.7	194
8	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.	5.2	190
9	Graphene/SnO ₂ /polypyrrole ternary nanocomposites as supercapacitor electrode materials. <i>RSC Advances</i> , 2012, 2, 10268.	1.7	187
10	Conducting polymer composites with graphene for use in chemical sensors and biosensors. <i>Mikrochimica Acta</i> , 2014, 181, 707-722.	2.5	164
11	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.	6.7	160
12	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.	6.6	154
13	Fluorescence quenchometric method for determination of ferric ion using boron-doped carbon dots. <i>Mikrochimica Acta</i> , 2016, 183, 273-279.	2.5	134
14	Self-template synthesis of yolk-shelled NiCo ₂ O ₄ spheres for enhanced hybrid supercapacitors. <i>Applied Surface Science</i> , 2018, 427, 174-181.	3.1	125
15	Manganese doped Co ₃ O ₄ mesoporous nanoneedle array for long cycle-stable supercapacitors. <i>Applied Surface Science</i> , 2019, 469, 941-950.	3.1	124
16	Experimental and density functional studies on 4-(4-cyanobenzylideneamino)antipyrine. <i>Molecular Physics</i> , 2009, 107, 223-235.	0.8	113
17	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.	5.8	109
18	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.	1.8	104

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19	3D Printed High-Loading Lithium-Sulfur Battery Toward Wearable Energy Storage. <i>Advanced Functional Materials</i> , 2020, 30, 1909469.	7.8	81
20	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.	4.0	80
21	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.	1.8	76
22	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, 5833-5843.	5.2	73
23	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.	5.2	65
24	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.	2.0	63
25	Metal organic framework derived Nb ₂ O ₅ @C nanoparticles grown on reduced graphene oxide for high-energy lithium ion capacitors. <i>Chemical Communications</i> , 2019, 55, 2692-2695.	2.2	61
26	Review of Pristine Metal-Organic Frameworks for Supercapacitors: Recent Progress and Perspectives. <i>Energy & Fuels</i> , 2021, 35, 12884-12901.	2.5	49
27	Simultaneous Detection of Dopamine and Uric Acid Using a Poly(L-lysine)/Graphene Oxide Modified Electrode. <i>Nanomaterials</i> , 2016, 6, 178.	1.9	47
28	Simple sonochemical synthesis of lanthanum tungstate (La ₂ (WO ₄) ₃) nanoparticles as an enhanced electrocatalyst for the selective electrochemical determination of anti-scald-inhibitor diphenylamine. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104647.	3.8	41
29	In situ preparation of bacterial cellulose with antimicrobial properties from bioconversion of mulberry leaves. <i>Carbohydrate Polymers</i> , 2019, 220, 170-175.	5.1	41
30	Label-free photoelectrochemical immunosensor for aflatoxin B1 detection based on the Z-scheme heterojunction of g-C ₃ N ₄ /Au/WO ₃ . <i>Biosensors and Bioelectronics</i> , 2021, 189, 113373.	5.3	41
31	A novel electrochemical sensor for uric acid detection based on PCN/MWCNT. <i>Ionics</i> , 2019, 25, 4437-4445.	1.2	38
32	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.	4.0	38
33	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.	2.8	38
34	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.	2.5	36
35	Handy purifier based on bacterial cellulose and Ca-montmorillonite composites for efficient removal of dyes and antibiotics. <i>Carbohydrate Polymers</i> , 2019, 222, 115017.	5.1	34
36	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.	4.0	34

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37	Metal-Organic Framework-Derived Fe-Doped Co _{1.11} Te ₂ Embedded in Nitrogen-Doped Carbon Nanotube for Water Splitting. <i>ChemSusChem</i> , 2020, 13, 5239-5247.	3.6	34
38	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.	2.5	34
39	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.	3.1	33
40	Preparation of Biomass-Based Porous Carbons with High Specific Capacitance for Applications in Supercapacitors. <i>ChemElectroChem</i> , 2019, 6, 3599-3605.	1.7	32
41	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.	2.6	30
42	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.	1.3	30
43	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.	3.5	30
44	Pristine Co(BDC)TEDO.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.	2.3	29
45	High capacitive amorphous barium nickel phosphate nanofibers for electrochemical energy storage. <i>RSC Advances</i> , 2016, 6, 45986-45992.	1.7	27
46	Hollow Amorphous MnSnO ₃ Nanohybrid with Nitrogen-Doped Graphene for High-Performance Lithium Storage. <i>Electrochimica Acta</i> , 2016, 214, 1-10.	2.6	27
47	Hierarchically Hollow and Porous NiO/NiCo ₂ O ₄ Nanoprisms Encapsulated in Graphene Oxide for Lithium Storage. <i>Langmuir</i> , 2020, 36, 9668-9674.	1.6	27
48	Enhanced degradation of chloramphenicol through peroxymonosulfate and visible light over Z-scheme Photocatalysts: Synergetic performance and mechanism insights. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 322-333.	5.0	27
49	Determination of trace uric acid in serum using porous graphitic carbon nitride (g-C ₃ N ₄) as a fluorescent probe. <i>Mikrochimica Acta</i> , 2018, 185, 39.	2.5	26
50	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.	5.2	26
51	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.	2.8	26
52	A high-performance fluorescent probe for dopamine detection based on g-C ₃ N ₄ nanofibers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 212, 300-307.	2.0	25
53	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.	2.6	23
54	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.	3.8	22

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55	Modified PEDOT by benign preparing N-doped reduced graphene oxide as potential bio-electrode coating material. <i>Green Chemistry</i> , 2016, 18, 1731-1737.	4.6	21
56	Fluorescent MoS ₂ 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.	2.0	21
57	Sensitive and Selective Detection of Imidacloprid by Graphene@Oxide@Modified Glassy Carbon Electrode. <i>ChemElectroChem</i> , 2014, 1, 1063-1067.	1.7	20
58	Nickel cobaltite nanosheets strongly anchored on boron and nitrogen co-doped graphene for high-performance asymmetric supercapacitors. <i>Nanotechnology</i> , 2017, 28, 315403.	1.3	20
59	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.	1.7	20
60	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.	3.8	19
61	Ultrafine CuS anchored on nitrogen and sulfur Co-doped graphene for selective CO ₂ electroreduction to formate. <i>Applied Surface Science</i> , 2022, 575, 151796.	3.1	19
62	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.	2.9	18
63	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.	2.5	18
64	Facile formation of Fe-doped NiCoP hollow nanocages as bifunctional electrocatalysts for overall water splitting. <i>CrystEngComm</i> , 2021, 23, 3861-3869.	1.3	17
65	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.	3.5	16
66	One-step fabrication of NiOx-decorated carbon nanotubes-NiCo ₂ O ₄ as an advanced electroactive composite for supercapacitors. <i>Electrochimica Acta</i> , 2019, 318, 51-60.	2.6	15
67	Build a Rigid@Flexible Graphene/Silicone Interface by Embedding SiO ₂ for Adhesive Application. <i>ACS Omega</i> , 2017, 2, 1063-1073.	1.6	14
68	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.	5.2	14
69	Synthesis and electrochemical properties of graphene oxide/manganese oxide/polyaniline and its reduced composites. <i>RSC Advances</i> , 2014, 4, 56615-56624.	1.7	13
70	Smart and designable graphene@SiO ₂ nanocomposites with multifunctional applications in silicone elastomers and polyaniline supercapacitors. <i>RSC Advances</i> , 2017, 7, 11478-11490.	1.7	13
71	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.	1.7	13
72	Efficient detection for Nitrofurazone based on novel Ag ₂ S QDs/g-C ₃ N ₄ fluorescent probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 269, 120727.	2.0	13

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73	Free-Standing Hybrid Graphene Paper Encapsulating Nanostructures for High Cycle-Life Supercapacitors. <i>ChemSusChem</i> , 2018, 11, 907-915.	3.6	12
74	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.	1.4	12
75	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.	2.5	12
76	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.	2.8	12
77	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, 361-368.	2.0	11
78	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.	1.3	11
79	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.	1.8	11
80	Electrochemical detection of dopamine by a calixarene-cellulose acetate mixed Langmuir-Blodgett monolayer. <i>Analytica Chimica Acta</i> , 2018, 1042, 29-36.	2.6	11
81	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.	2.5	11
82	Tribological Properties of the Functionalized Graphene/Montmorillonite Nanosheets as a Lubricant Additive. <i>Tribology Letters</i> , 2021, 69, 1.	1.2	11
83	CuCo ₂ O ₄ Hollow Microspheres with Graphene Composite Targeting Superior Lithium-Ion Storage. <i>Langmuir</i> , 2021, 37, 8426-8434.	1.6	10
84	Hollow Porous CoSnO _x 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.	4.0	9
85	High-quality and excellent green-light-emitting poly(acenaphthylene) film: electrosynthesis and characterization. <i>Polymer Chemistry</i> , 2011, 2, 1085-1090.	1.9	8
86	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.	1.7	7
87	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.	1.3	7
88	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.	1.7	7
89	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.	2.3	6
90	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.	0.7	5

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91	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.	1.7	5
92	Palladium Nanoparticle-Modified Carbon Spheres @ Molybdenum Disulfide Core-Shell Composite for Electrochemically Detecting Quercetin. <i>Chemosensors</i> , 2022, 10, 56.	1.8	5
93	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.	4.0	5
94	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, 353-363.	1.2	4
95	Synthesis of MnO-Sn cubes embedding in nitrogen-doped carbon nanofibers with high lithium-ion storage performance. <i>Nanotechnology</i> , 2022, 33, 115403.	1.3	2
96	High Efficient Catalyst of N-doped Carbon Modified Copper Containing Rich Cu-N-C Active Sites for Electrocatalytic CO ₂ Reduction. <i>ChemistrySelect</i> , 2022, 7, .	0.7	2