

# Haiqun Chen

## List of Publications by Year in descending order

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84  
papers

5,492  
citations

94433

37  
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79698

73  
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84  
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84  
docs citations

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times ranked

7578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrangea-like NiMoO <sub>4</sub> -Ag/rGO as Battery-type electrode for hybrid supercapacitors with superior stability. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1652-1661.	9.4	33
2	Reduced graphene oxide supported ZnO/CdS heterojunction enhances photocatalytic removal efficiency of hexavalent chromium from aqueous solution. <i>Chemosphere</i> , 2022, 286, 131738.	8.2	45
3	A facile solvothermal syntheses of NiFe layered double hydroxide-Bi <sub>2</sub> MoO <sub>6</sub> heterostructure/reduced graphene oxide with efficient photodegradation for tetracycline. <i>Environmental Research</i> , 2022, 204, 112037.	7.5	18
4	Zn-doped Bi <sub>2</sub> MoO <sub>6</sub> supported on reduced graphene oxide with increased surface active sites for degradation of ciprofloxacin. <i>Environmental Science and Pollution Research</i> , 2022, 29, 19835-19846.	5.3	2
5	Supports promote single-atom catalysts toward advanced electrocatalysis. <i>Coordination Chemistry Reviews</i> , 2022, 451, 214261.	18.8	187
6	Fabrication of Fe/BiOCl/RGO with enhanced photocatalytic degradation of ciprofloxacin under visible light irradiation. <i>Materials Science in Semiconductor Processing</i> , 2022, 140, 106384.	4.0	15
7	Synthesis, Characterization, and Catalytic Study of Caffeine-Derived N-heterocyclic Carbene Palladium Complexes. <i>Organometallics</i> , 2022, 41, 161-168.	2.3	8
8	Hollow nanospheres comprising amorphous NiMoS <sub>4</sub> and crystalline NiS <sub>2</sub> for all-solid-state supercapacitors. <i>Chemical Engineering Journal</i> , 2022, 436, 135231.	12.7	32
9	Successive Anion/Cation Exchange Enables the Fabrication of Hollow CuCo <sub>2</sub> S <sub>4</sub> Nanorods for Advanced Oxygen Evolution Reaction Electrocatalysis. <i>Inorganic Chemistry</i> , 2022, , .	4.0	9
10	Engineering thiospinel-based hollow heterostructured nanoarrays for boosting electrocatalytic oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2403-2409.	6.0	13
11	Engineering NiMoO <sub>4</sub> /NiFe LDH/rGO multicomponent nanosheets toward enhanced electrocatalytic oxygen evolution reaction. <i>Dalton Transactions</i> , 2022, 51, 6448-6453.	3.3	20
12	Flexible Free-Standing Fe <sub>2</sub> O <sub>3</sub> Nanoparticle/Carbon Shells/Graphene Films for Advanced Lithium-Ion Batteries. <i>ACS Applied Nano Materials</i> , 2022, 5, 5017-5024.	5.0	13
13	Engineering Heterostructured Pd@Bi <sub>2</sub> Te <sub>3</sub> Doughnut/Pd Hollow Nanospheres for Ethylene Glycol Electrooxidation. <i>Inorganic Chemistry</i> , 2022, 61, 4533-4540.	4.0	79
14	Race on engineering noble metal single-atom electrocatalysts for water splitting. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 14257-14279.	7.1	105
15	Engineering atomically dispersed single Cu@N <sub>3</sub> catalytic sites for highly selective oxidation of benzene to phenol. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2637-2643.	6.0	7
16	Ultrasensitive electrochemical detection of bisphenol A using composites of MoS <sub>2</sub> nanoflowers, CoS <sub>2</sub> nano-polyhedrons and reduced graphene oxide. <i>Environmental Chemistry Letters</i> , 2022, 20, 2751-2756.	16.2	4
17	Construction of sulfur vacancies enriched hollow zinc cobalt bimetallic sulfides for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2022, 913, 165191.	5.5	15
18	ZIF-67 derived Mo <sub>2</sub> N/Mo <sub>2</sub> C heterostructure as high-efficiency electrocatalyst for hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2022, 922, 166216.	5.5	14

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19	Magnetically separable graphene-based Ni <sup>2+</sup> /Fe mixed metal oxide nanocubes derived from a Prussian-blue analogue: synthesis, structure and application in oxidative degradation of bisphenol A. <i>Catalysis Science and Technology</i> , 2021, 11, 459-463.	4.1	1
20	Spinel-type FeNi <sub>2</sub> S <sub>4</sub> with rich sulfur vacancies grown on reduced graphene oxide toward enhanced supercapacitive performance. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2271-2279.	6.0	48
21	Composites of NiS <sub>2</sub> Microblocks, MoS <sub>2</sub> Nanosheets, and Reduced Graphene Oxide for Energy Storage and Electrochemical Detection of Bisphenol A. <i>ACS Applied Nano Materials</i> , 2021, 4, 6093-6102.	5.0	29
22	One-step synthesis of reduced graphene oxide based ceric dioxide modified with cadmium sulfide (CeO <sub>2</sub> /CdS/RGO) heterojunction with enhanced sunlight-driven photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 621-634.	9.4	38
23	Synthesis of graphene-based CdS@CuS core-shell nanorods by cation-exchange for efficient degradation of ciprofloxacin. <i>Journal of Alloys and Compounds</i> , 2021, 869, 159305.	5.5	30
24	Synthesis of Ce-doped NiAl LDH/RGO composite as an efficient photocatalyst for photocatalytic degradation of ciprofloxacin. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105405.	6.7	45
25	One-step hydrothermal synthesis of BiVO <sub>4</sub> /TiO <sub>2</sub> /RGO composite with effective photocatalytic performance for the degradation of ciprofloxacin. <i>Optical Materials</i> , 2021, 122, 111726.	3.6	13
26	Covalently Induced Grafting of C <sub>2</sub> N Nanoflakes onto Reduced Graphene Oxide with Dominant Pseudocapacitive Behaviors for a High-Rate Sodium-Ion Battery Anode. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 15946-15956.	6.7	4
27	Low-temperature preparation of magnetically separable Fe <sub>3</sub> O <sub>4</sub> @ZnO-RGO for high-performance removal of methylene blue in visible light. <i>Journal of Alloys and Compounds</i> , 2020, 821, 153366.	5.5	37
28	Combination of Fe <sub>2</sub> O <sub>3</sub> , CdS and reduced graphene oxide: high performance and recyclable visible light photocatalysis. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5340.	3.5	8
29	Mn-Doped NiMoO <sub>4</sub> Mesoporous Nanorods/Reduced Graphene Oxide Composite for High-Performance All-Solid-State Supercapacitor. <i>ACS Applied Energy Materials</i> , 2020, 3, 1794-1803.	5.1	68
30	Bi <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> /TiO <sub>2</sub> /RGO composite for the simulated sunlight-driven photocatalytic degradation of ciprofloxacin. <i>Materials Chemistry and Physics</i> , 2020, 256, 123650.	4.0	36
31	Heterogeneous activation of persulfate for the degradation of bisphenol A with Ni <sub>2</sub> SnO <sub>4</sub> -RGO. <i>New Journal of Chemistry</i> , 2020, 44, 6355-6361.	2.8	9
32	ZnCr layered double hydroxide nanoplate-decorated CdS nanowire with excellent photocatalytic activity for removing Cr(VI) in wastewater. <i>Materials Letters</i> , 2020, 268, 127581.	2.6	8
33	Cd <sup>2+</sup> /Bi <sub>2</sub> MoO <sub>6</sub> /RGO nanocomposites for efficient degradation of ciprofloxacin under visible light. <i>Journal of Materials Science</i> , 2020, 55, 6065-6077.	3.7	38
34	Graphene Based Copper-Nickel Bimetal Nanocomposite: Magnetically Separable Catalyst for Reducing Hexavalent Chromium. <i>ChemistrySelect</i> , 2020, 5, 3243-3247.	1.5	6
35	Activation of persulfate by heterogeneous catalyst ZnCo <sub>2</sub> O <sub>4</sub> -RGO for efficient degradation of bisphenol A. <i>Canadian Journal of Chemistry</i> , 2020, 98, 771-778.	1.1	1
36	Formation of CoNi <sub>2</sub> S <sub>4</sub> nanofibers with 3D hierarchical pompom-like structure for high-rate electrochemical capacitors. <i>New Journal of Chemistry</i> , 2019, 43, 11749-11757.	2.8	7

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37	Synthesis of visible light-driven graphene based ZnFe mixed metal oxide for efficient degradation of tetracycline. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 8931-8943.	2.2	12
38	Reduced graphene oxide based NiCo layered double hydroxide nanocomposites: An efficient catalyst for epoxidation of styrene. <i>Inorganic Chemistry Communication</i> , 2019, 104, 219-222.	3.9	16
39	A carnation-like rGO/Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> /BiOCl composite: efficient photocatalyst for the degradation of ciprofloxacin. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 5986-5994.	2.2	53
40	Heterogeneous activation of persulfate by NiFe <sub>2</sub> xCo <sub>x</sub> O <sub>4</sub> -RGO for oxidative degradation of bisphenol A in water. <i>Chemical Engineering Journal</i> , 2019, 365, 259-269.	12.7	61
41	Cytotoxicity of Bacteriostatic Reduced Graphene Oxide-Based Copper Oxide Nanocomposites. <i>Jom</i> , 2019, 71, 294-301.	1.9	9
42	Constructing high-efficiency photocatalyst for degrading ciprofloxacin: Three-dimensional visible light driven graphene based NiAlFe LDH. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 237-246.	9.4	71
43	One-pot synthesis of visible-light-driven photocatalyst for degradation of Rhodamine B: Graphene based bismuth/bismuth(III) oxybromide. <i>Materials Letters</i> , 2019, 240, 246-249.	2.6	11
44	Scalable Green Method to Fabricate Magnetically Separable NiFe <sub>2</sub> O <sub>4</sub> -Reduced Graphene Oxide Nanocomposites with Enhanced Photocatalytic Performance Driven by Visible Light. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 4311-4319.	3.7	47
45	Fabrication of ZnAl mixed metal-oxides/RGO nanohybrid composites with enhanced photocatalytic activity under visible light. <i>Applied Surface Science</i> , 2018, 441, 599-606.	6.1	29
46	Improved ciprofloxacin removal by a Fe(VI)-Fe <sub>3</sub> O <sub>4</sub> /graphene system under visible light irradiation. <i>Water Science and Technology</i> , 2018, 2017, 527-533.	2.5	3
47	CNT-intercalated rGO/sulfur laminated structure for high-rate and long-life lithium-sulfur batteries. <i>Materials Letters</i> , 2018, 219, 68-71.	2.6	12
48	One-step hydrothermal synthesis of peony-like Ag/Bi <sub>2</sub> WO <sub>6</sub> as efficient visible light-driven photocatalyst toward organic pollutants degradation. <i>Journal of Materials Science</i> , 2018, 53, 4848-4860.	3.7	36
49	A self-assembled 2D/2D-type protonated carbon nitride-modified graphene oxide nanocomposite with improved photocatalytic activity. <i>Applied Surface Science</i> , 2018, 434, 456-463.	6.1	53
50	Construction of magnetically separable NiAl LDH/Fe <sub>3</sub> O <sub>4</sub> -rGO nanocomposites with enhanced photocatalytic performance under visible light. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 414-421.	2.8	94
51	A glassy carbon electrode modified with nitrogen-doped reduced graphene oxide and melamine for ultra-sensitive voltammetric determination of bisphenol A. <i>Mikrochimica Acta</i> , 2018, 185, 459.	5.0	17
52	Construction of 3D marigold-like Bi <sub>2</sub> WO <sub>6</sub> /Ag <sub>2</sub> O/CQDs heterostructure with superior visible-light active photocatalytic activity toward tetracycline degradation and selective oxidation. <i>Journal of Materials Science</i> , 2018, 53, 12040-12055.	3.7	12
53	Amorphous mesoporous nickel phosphate/reduced graphene oxide with superior performance for electrochemical capacitors. <i>Dalton Transactions</i> , 2018, 47, 13052-13062.	3.3	21
54	Enhanced photocatalytic activity of magnetic core-shell Fe <sub>3</sub> O <sub>4</sub> @Bi <sub>2</sub> O <sub>3</sub> -rGO heterojunctions for quinolone antibiotics degradation under visible light. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 8519-8528.	2.2	49

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55	Ultrafine cobalt nanoparticles supported on reduced graphene oxide: Efficient catalyst for fast reduction of hexavalent chromium at room temperature. <i>Applied Surface Science</i> , 2017, 402, 294-300.	6.1	56
56	Cu/graphene with high catalytic activity prepared by glucose blowing for reduction of p -nitrophenol. <i>Journal of Cleaner Production</i> , 2017, 161, 655-662.	9.3	60
57	Scalable and facile preparation of optical-magnetic dual function 3D Ni@graphene-ZnO for high efficiency removal of hexavalent chromium. <i>Ceramics International</i> , 2017, 43, 3792-3796.	4.8	11
58	Trials of Treating Decentralized Domestic Sewage from a Residential Area by Potassium Ferrate(VI). <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	5
59	Synthesis of $\text{CuCr}_2\text{O}_4/\text{Reduced Graphene Oxide}$ Composite: A Green Catalyst for Selective Oxidation of Cyclohexane to Cyclohexanone with Hydrogen Peroxide. <i>ChemistrySelect</i> , 2017, 2, 10941-10945.	1.5	3
60	One-step solvothermal synthesis of spherical spinel type $\text{NiFe}_2\text{xMnxO}_4\text{-RGO}$ as high-performance supercapacitor electrodes. <i>Ceramics International</i> , 2017, 43, 2226-2232.	4.8	14
61	Low-temperature preparation of magnetically separable $\text{Fe}_3\text{O}_4/\text{CuO-RGO}$ core-shell heterojunctions for high-performance removal of organic dye under visible light. <i>Journal of Alloys and Compounds</i> , 2016, 688, 649-656.	5.5	52
62	Benzenoid-like $\text{CuFeO}_2/\text{reduced graphene oxide}$ : Facile synthesis and its excellent catalytic performance in selective oxidation. <i>Applied Surface Science</i> , 2016, 389, 840-848.	6.1	40
63	Solvent-thermal preparation of a $\text{CuCo}_2\text{O}_4/\text{RGO}$ heterocomposite: an efficient catalyst for the reduction of p-nitrophenol. <i>New Journal of Chemistry</i> , 2016, 40, 4769-4774.	2.8	38
64	In-situ preparation of three-dimensional Ni@graphene-Cu composites for ultrafast reduction of Cr(VI) at room temperature. <i>Catalysis Communications</i> , 2016, 75, 13-17.	3.3	42
65	Electrochemical detection of bisphenol A at graphene/melamine nanoparticle-modified glassy carbon electrode. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 343-352.	2.9	46
66	One-Step Ball-Milling Preparation of Highly Photocatalytic Active $\text{CoFe}_2\text{O}_4/\text{Reduced Graphene Oxide}$ Heterojunctions For Organic Dye Removal. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 2862-2867.	3.7	104
67	A facile novel preparation of three-dimensional Ni@graphene by catalyzed glucose blowing for high-performance supercapacitor electrodes. <i>RSC Advances</i> , 2015, 5, 74463-74466.	3.6	10
68	Prediction for the detonation velocity of the nitrogen-rich energetic compounds based on quantum chemistry. <i>Russian Journal of Physical Chemistry A</i> , 2014, 88, 2363-2369.	0.6	9
69	High Catalytic Activity in the Phenol Hydroxylation of Magnetically Separable $\text{CuFe}_2\text{O}_4/\text{Reduced Graphene Oxide}$ . <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 12566-12574.	3.7	112
70	Fabrication of $\text{Ag}_3\text{PO}_4/\text{PANI}/\text{GO}$ composites with high visible light photocatalytic performance and stability. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 952-957.	6.7	37
71	Synthesis of $\text{Cu-Fe}_3\text{O}_4/\text{graphene}$ composite: A magnetically separable and efficient catalyst for the reduction of 4-nitrophenol. <i>Materials Research Bulletin</i> , 2014, 57, 190-196.	5.2	65
72	A Facile Hydrothermal Synthesis of a $\text{MnCo}_2\text{O}_4/\text{Reduced Graphene Oxide}$ Nanocomposite for Application in Supercapacitors. <i>Chemistry Letters</i> , 2014, 43, 83-85.	1.3	45

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73	Fast and Efficient Removal of Cationic Dye Using Graphite Oxide, Adsorption, and Kinetics Studies. <i>Journal of Dispersion Science and Technology</i> , 2013, 34, 1223-1229.	2.4	13
74	Preparation and performance of NiCo <sub>2</sub> O <sub>4</sub> nanowires-loaded graphene as supercapacitor material. <i>Materials Letters</i> , 2013, 98, 164-167.	2.6	123
75	Fe <sub>3</sub> O <sub>4</sub> @graphene oxide composite: A magnetically separable and efficient catalyst for the reduction of nitroarenes. <i>Materials Research Bulletin</i> , 2013, 48, 1885-1890.	5.2	89
76	Photosynthesis of Multiple Valence Silver Nanoparticles on Reduced Graphene Oxide Sheets With Enhanced Antibacterial Activity. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013, 43, 440-445.	0.6	5
77	Graphene sheets-based Ag@Ag <sub>3</sub> PO <sub>4</sub> heterostructure for enhanced photocatalytic activity and stability under visible light. <i>Powder Technology</i> , 2013, 246, 278-283.	4.2	37
78	High Photocatalytic Activity of Magnetically Separable Manganese Ferrite@Graphene Heteroarchitectures. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 725-731.	3.7	175
79	Graphene-supported nickel ferrite: A magnetically separable photocatalyst with high activity under visible light. <i>AIChE Journal</i> , 2012, 58, 3298-3305.	3.6	95
80	Combination of cobalt ferrite and graphene: High-performance and recyclable visible-light photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2012, 111-112, 280-287.	20.2	334
81	Graphene nanoplate-Pt composite as a high performance electrocatalyst for direct methanol fuel cells. <i>Journal of Power Sources</i> , 2012, 204, 46-52.	7.8	166
82	Hydrothermal preparation of Co <sub>3</sub> O <sub>4</sub> @graphene nanocomposite for supercapacitor with enhanced capacitive performance. <i>Materials Letters</i> , 2012, 82, 61-63.	2.6	127
83	Synthesis and characterization of graphene paper with controllable properties via chemical reduction. <i>Journal of Materials Chemistry</i> , 2011, 21, 14631.	6.7	85
84	Mechanically Strong, Electrically Conductive, and Biocompatible Graphene Paper. <i>Advanced Materials</i> , 2008, 20, 3557-3561.	21.0	1,843