Hong Guo

List of Publications by Year
in descending order

71	3,498	109264	143943
papers	citations	35 h-index	57 g-index

73	73	73	4384
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding Dualâ€Polar Group Functionalized COFs for Accelerating Liâ€Ion Transport and Dendriteâ€Free Deposition in Lithium Metal Anodes. Energy and Environmental Materials, 2023, 6, .	7.3	41
2	COFâ€based single Li⁺ solid electrolyte accelerates the ion diffusion and restrains dendrite growth in quasiâ€solidâ€state organic batteries. , 2023, 5, .		24
3	S vacant CuIn5S8 confined in a few-layer MoSe2 with interlayer-expanded hollow heterostructures boost photocatalytic CO2 reduction. Rare Metals, 2022, 41, 144-154.	3.6	37
4	COFs-based electrolyte accelerates the Na+ diffusion and restrains dendrite growth in quasi-solid-state organic batteries. Nano Energy, 2022, 92, 106756.	8.2	36
5	Understanding rich oxygen vacant hollow CeO2@MoSe2 heterojunction for accelerating photocatalytic CO2 reduction. Journal of Colloid and Interface Science, 2022, 611, 644-653.	5.0	27
6	Enhanced ionic conductivity of a Na₃Zr₂Si₂PO₁₂ solid electrolyte with Na₂SiO₃ obtained by liquid phase sintering for solid-state Na⁺ batteries. Nanoscale, 2022, 14, 823-832.	2.8	38
7	MOFs-derived Bi2O3@C with rich oxygen vacancies through rapid thermal annealing technology for photodegradation of tetracycline hydrochloride. Applied Surface Science, 2022, 586, 152813.	3.1	10
8	Covalent organic frameworks for solid-state electrolytes of lithium metal batteries. Journal of Materials Chemistry A, 2022, 10, 7497-7516.	5.2	28
9	Ni₃FeN functionalized carbon nanofibers boosting polysulfide conversion for Liâ€“S chemistry. RSC Advances, 2022, 12, 6930-6937.	1.7	1
10	Improved and stable triazine-based covalent organic framework for lithium storage. Applied Surface Science, 2022, 594, 153481.	3.1	12
11	Molecular engineering regulation redoxâ€dualâ€activeâ€center covalent organic frameworksâ€based anode for highâ€performance Li storage. EcoMat, 2022, 4, .	6.8	24
12	An asymmetric bilayer polymer-ceramic solid electrolyte for high-performance sodium metal batteries. Journal of Energy Chemistry, 2022, 74, 18-25.	7.1	21
13	Understanding dual-vacancy heterojunction for boosting photocatalytic CO2 reduction with highly selective conversion to CH4. Applied Catalysis B: Environmental, 2022, 316, 121679.	10.8	59
14	Fabrication of porous Ni/CoFe2O4@C composite for pseudocapacitive lithium storage. Journal of Alloys and Compounds, 2021, 854, 157177.	2.8	11
15	Boosting the water splitting activity of cobalt nitride through morphological design: a comparison of the influence of structure on the hydrogen and oxygen evolution reactions. Sustainable Energy and Fuels, 2021, 5, 3632-3639.	2.5	12
16	Dualâ€Activeâ€Center of Polyimide and Triazine Modified Atomicâ€Layer Covalent Organic Frameworks for Highâ€Performance Li Storage. Advanced Functional Materials, 2021, 31, 2101019.	7.8	72
17	Cooperative catalytic interface accelerates redox kinetics of sulfur species for high-performance Li-S batteries. Energy Storage Materials, 2021, 40, 139-149.	9.5	47
18	Rich S vacant g-C3N4@CuIn5S8 hollow heterojunction for highly efficient selective photocatalytic CO2 reduction. Chemical Engineering Journal, 2021, 424, 130325.	6.6	53

#	Article	IF	Citations
19	Recycling valuable cobalt from spent lithium ion batteries for controllably designing a novel sea-urchin-like cobalt nitride-graphene hybrid catalyst: Towards efficient overall water splitting. Journal of Energy Chemistry, 2021, 62, 440-450.	7.1	38
20	Rearrangement on surface structures by boride to enhanced cycle stability for LiNi0.80Co0.15Al0.05O2 cathode in lithium ion batteries. Journal of Energy Chemistry, 2020, 45, 110-118.	7.1	42
21	Facile synthesis of the porous FeCo@nitrogen-doped carbon nanosheets as bifunctional oxygen electrocatalysts. Electrochimica Acta, 2020, 335, 135647.	2.6	31
22	Red phosphorus confined in hierarchical hollow surface-modified Co₉S₈ for enhanced sodium storage. Sustainable Energy and Fuels, 2020, 4, 2208-2219.	2.5	12
23	Dual Active Site of the Azo and Carbonyl-Modified Covalent Organic Framework for High-Performance Li Storage. ACS Energy Letters, 2020, 5, 1022-1031.	8.8	156
24	Boosting rate performance of LiNi0.8Co0.15Al0.05O2 cathode by simply mixing lithium iron phosphate. Journal of Alloys and Compounds, 2020, 827, 154296.	2.8	22
25	Red phosphorus confined in N-doped multi-cavity mesoporous carbon for ultrahigh-performance sodium-ion batteries. Journal of Power Sources, 2020, 450, 227696.	4.0	22
26	Extended Ï€-conjugated N-containing heteroaromatic hexacarboxylate organic anode for high performance rechargeable batteries. Journal of Energy Chemistry, 2020, 51, 303-311.	7.1	28
27	Li+ intercalcation pseudocapacitance in Sn-based metal-organic framework for high capacity and ultra-stable Li ion storage. Journal of Power Sources, 2019, 440, 227162.	4.0	35
28	Controlled assembly of Ag nanoparticles on the surface of phosphate pillar [6]arene functionalized single-walled carbon nanotube for enhanced catalysis and sensing performance. Electrochimica Acta, 2019, 318, 711-719.	2.6	23
29	Control loading Au nanoparticles on the surface of hydroxyl pillar[5]arene functionalized single-walled carbon nanotubes and its application in catalysis and sensing. Sustainable Energy and Fuels, 2019, 3, 2312-2320.	2.5	10
30	A lanthanide-based coordination polymer as lithium ion battery anode with high cyclic stability. Materials Letters, 2019, 238, 171-174.	1.3	14
31	Robust hexagonal nut-shaped titanium(IV) MOF with porous structure for ultra-high performance lithium storage. Electrochimica Acta, 2019, 296, 746-754.	2.6	62
32	Controlled assemble of hollow heterostructured g-C3N4@CeO2 with rich oxygen vacancies for enhanced photocatalytic CO2 reduction. Applied Catalysis B: Environmental, 2019, 243, 566-575.	10.8	287
33	Structure and morphology evolution in solid-phase synthesis lithium ion battery LiNi0.80Co0.15Al0.05O2 cathode materials with different micro-nano sizes of raw materials. Ceramics International, 2018, 44, 9294-9302.	2.3	13
34	Fewâ€Layer MoSe₂ Nanosheets with Expanded (002) Planes Confined in Hollow Carbon Nanospheres for Ultrahighâ€Performance Naâ€Ion Batteries. Advanced Functional Materials, 2018, 28, 1707480.	7.8	181
35	An inorganicâ€“organic hybrid supramolecular framework as a high-performance anode for lithium-ion batteries. Dalton Transactions, 2018, 47, 5166-5170.	1.6	22
36	Preparation of FePO4 by liquid-phase method and modification on the surface of LiNi0.80Co0.15Al0.05O2 cathode material. Journal of Alloys and Compounds, 2018, 731, 428-436.	2.8	62

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37	Z-Scheme Au@Void@g-C₃N₄/SnS Yolkâ€“Shell Heterostructures for Superior Photocatalytic CO₂ Reduction under Visible Light. ACS Applied Materials & Interfaces, 2018, 10, 34123-34131.	4.0	120
38	N-doped C-encapsulated scale-like yolk-shell frame assembled by expanded planes few-layer MoSe2 for enhanced performance in sodium-ion batteries. Nano Energy, 2018, 51, 639-648.	8.2	104
39	A photochromic zinc-based coordination polymer for a Li-ion battery anode with high capacity and stable cycling stability. Dalton Transactions, 2018, 47, 13222-13228.	1.6	24
40	A Hydrothermal Synthesis of Fe3O4@C Hybrid Nanoparticle and Magnetic Adsorptive Performance to Remove Heavy Metal Ions in Aqueous Solution. Nanoscale Research Letters, 2018, 13, 178.	3.1	25
41	Sn⁴⁺ self-doped hollow cubic SnS as an efficient visible-light photocatalyst for Cr(<scp>vi</scp>) reduction and detoxification of cyanide. Journal of Materials Chemistry A, 2017, 5, 6299-6309.	5.2	61
42	Controlled synthesis of hollow octahedral ZnCo₂O₄ nanocages assembled from ultrathin 2D nanosheets for enhanced lithium storage. Nanoscale, 2017, 9, 17174-17180.	2.8	36
43	Controlled assemble of oxygen vacant CeO2@Bi2WO6 hollow magnetic microcapsule heterostructures for visible-light photocatalytic activity. Chemical Engineering Journal, 2017, 330, 1297-1305.	6.6	63
44	Self-assembled hierarchical hollow CuS@MoS 2 microcubes with superior lithium storage. Electrochimica Acta, 2017, 250, 376-383.	2.6	33
45	Effective Adsorption and Removal of Phosphate from Aqueous Solutions and Eutrophic Water by Fe-based MOFs of MIL-101. Scientific Reports, 2017, 7, 3316.	1.6	190
46	Hierarchical hollow Fe2O3@MIL-101(Fe)/C derived from metal-organic frameworks for superior sodium storage. Scientific Reports, 2016, 6, 25556.	1.6	40
47	Surface modification of hollow magnetic Fe3O4@NH2-MIL-101(Fe) derived from metal-organic frameworks for enhanced selective removal of phosphates from aqueous solution. Scientific Reports, 2016, 6, 30651.	1.6	57
48	Morphology-controlled construction of hierarchical hollow hybrid SnO2@TiO2 nanocapsules with outstanding lithium storage. Scientific Reports, 2015, 5, 15252.	1.6	13
49	Self-assembly formation of hollow Ni-Fe-O nanocage architectures by metal-organic frameworks with high-performance lithium storage. Scientific Reports, 2015, 5, 13310.	1.6	34
50	Accurate hierarchical control of hollow nanocube Pd/CeO2 catalysts for the low-temperature oxidation of CO. Catalysis Communications, 2015, 64, 62-65.	1.6	3
51	Hierarchical hollow TiO₂@CeO₂ nanocube heterostructures for photocatalytic detoxification of cyanide. RSC Advances, 2015, 5, 11733-11737.	1.7	13
52	Hierarchical CoS2@C hollow microspheres constructed by nanosheets with superior lithium storage. Journal of Power Sources, 2015, 286, 159-165.	4.0	62
53	Hydrophobic ionic liquids as novel extractants for gold(I) recovery from alkaline cyanide solutions. Journal of Chemical Technology and Biotechnology, 2015, 90, 1102-1109.	1.6	35
54	Templateâ€Free Fabrication of Hollow NiOâ€“Carbon Hybrid Nanoparticle Aggregates with Improved Lithium Storage. Particle and Particle Systems Characterization, 2014, 31, 374-381.	1.2	26

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55	Designed hierarchical synthesis of ring-shaped Bi₂WO₆@CeO₂ hybrid nanoparticle aggregates for photocatalytic detoxification of cyanide. Green Chemistry, 2014, 16, 2539-2545.	4.6	46
56	Morphology-controlled synthesis of Ti3+ self-doped yolkâ€“shell structure titanium oxide with superior photocatalytic activity under visible light. Journal of Solid State Chemistry, 2014, 213, 98-103.	1.4	14
57	Hierarchical synthesis of Moâ€“Sn oxide cage-bell hybrid structures with superior lithium storage. Chemical Communications, 2014, 50, 673-675.	2.2	35
58	General design of hollow porous CoFe₂O₄ nanocubes from metalâ€“organic frameworks with extraordinary lithium storage. Nanoscale, 2014, 6, 15168-15174.	2.8	122
59	Self-assembled hierarchical yolkâ€“shell structured NiO@C from metalâ€“organic frameworks with outstanding performance for lithium storage. Chemical Communications, 2014, 50, 9485-9488.	2.2	59
60	Designed hierarchical MnO₂ microspheres assembled from nanofilms for removal of heavy metal ions. RSC Advances, 2014, 4, 14048-14054.	1.7	46
61	Accurate hierarchical control of hollow crossed NiCo₂O₄ nanocubes for superior lithium storage. Nanoscale, 2014, 6, 5491-5497.	2.8	95
62	Gold coating for a high performance Li4Ti5O12 nanorod aggregates anode in lithium-ion batteries. Journal of Power Sources, 2014, 245, 624-629.	4.0	127
63	2D SnO2 nanorod networks templated by garlic skins for lithium ion batteries. Materials Research Bulletin, 2013, 48, 1518-1522.	2.7	17
64	Hollow NiO nanotubes synthesized by bio-templates as the high performance anode materials of lithium-ion batteries. Electrochimica Acta, 2013, 114, 42-47.	2.6	93
65	Shape-controlled synthesis of Ag@TiO2 cage-bell hybrid structure with enhanced photocatalytic activity and superior lithium storage. Green Chemistry, 2013, 15, 2810.	4.6	39
66	Morphology-controlled synthesis of cage-bell Pd@CeO2 structured nanoparticle aggregates as catalysts for the low-temperature oxidation of CO. Journal of Materials Chemistry A, 2013, 1, 7494.	5.2	41
67	Morphology-controlled synthesis of SnO2/C hollow coreâ€“shell nanoparticle aggregates with improved lithium storage. Journal of Materials Chemistry A, 2013, 1, 3652.	5.2	65
68	Coreâ€“shell TiO2 microsphere with enhanced photocatalytic activity and improved lithium storage. Journal of Solid State Chemistry, 2013, 201, 137-143.	1.4	38
69	Hollow nanotubular SnO2 with improved lithium storage. Journal of Power Sources, 2012, 219, 280-284.	4.0	42
70	Electrical Activation of Nano/Micro-size Crystallite Carbon. Energy Procedia, 2012, 14, 101-107.	1.8	0
71	Hollow nanotubular SiOx templated by cellulose fibers for lithium ion batteries. Electrochimica Acta, 2012, 74, 271-274.	2.6	67