Bohejin Tang

List of Publications by Year
in descending order

85 papers	2,184 citations	218381 26 h-index	276539 41 g-index
85 all docs	85 docs citations	85 times ranked	2526 citing authors

#	Article	IF	Citations
1	Application of two-dimensional layered Mo-MOF@ppy with high valency molybdenum in lithium-ion batteries. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 632, 127810.	2.3	22
2	A novel cobalt chloride hydrate modified Co-MOF derived carbon microspheres as anode materials for lithium ion batteries. Chemical Engineering Journal, 2022, 433, 133568.	6.6	27
3	Cobalt-doped TaOCl3 nanoparticles/carbon compounds with advanced specific capacity for lithium-ion batteries. Journal of Alloys and Compounds, 2022, 897, 163193.	2.8	10
4	A variety of carbon-coated FeS2 anodes: FeS2@CNT with excellent lithium-ion storage performance. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 637, 128226.	2.3	11
5	One-step synthesis based on non-aqueous sol-gel conductive polymer-coated SnO2 nanoparticles as advanced anode materials for lithium-ion batteries. Journal of Alloys and Compounds, 2022, 899, 163274.	2.8	12
6	MoP₂/C@rGO synthesised by phosphating the molybdenum-based metal organic framework and GO coating with excellent lithium ion storage performance. Dalton Transactions, 2022, 51, 6390-6398.	1.6	3
7	Nitrogen-Doped Porous Agâ€“C@Co₃O₄ Nanocomposite for Boosting Lithium Ion Batteries. Energy & Fuels, 2022, 36, 2861-2871.	2.5	11
8	Highly dispersed CuO nanoparticle on ZIF-4 framework as anode material for LIBs. Journal of Alloys and Compounds, 2022, 914, 165316.	2.8	14
9	Review of metal oxides as anode materials for lithium-ion batteries. Dalton Transactions, 2022, 51, 9584-9590.	1.6	26
10	Molybdenum disulfide synthesized by molybdenum-based metal organic framework with high activity for sodium ion battery. Electrochimica Acta, 2021, 365, 137353.	2.6	33
11	CoS2â€“MnS@Carbon nanoparticles derived from metalâ€“organic framework as a promising anode for lithium-ion batteries. Journal of Alloys and Compounds, 2021, 854, 157315.	2.8	36
12	Several carbon-coated Ga₂O₃ anodes: efficient coating of reduced graphene oxide enhanced the electrochemical performance of lithium ion batteries. Dalton Transactions, 2021, 50, 3660-3670.	1.6	14
13	Superior lithium-storage properties derived from a g-C₃N₄-embedded honeycomb-shaped meso@mesoporous carbon nanofiber anode loaded with Fe₂O₃ for Li-ion batteries. Dalton Transactions, 2021, 50, 9775-9786.	1.6	15
14	Metalâ€“Organic Aerogel Assisted Reduced Graphene Oxide Coated Sulfur as a Cathode Material for Lithium Sulfur Batteries. Energy & Fuels, 2021, 35, 2742-2749.	2.5	13
15	Vanadium Metaphosphate V(PO₃)₃ Derived from Vâ€MOF as a Novel Anode for Lithiumâ€Ion Batteries. ChemistrySelect, 2021, 6, 8150-8157.	0.7	11
16	Self-healable metal-organic gel membranes as anodes with high lithium storage. Electrochimica Acta, 2021, 386, 138334.	2.6	20
17	Recent Breakthroughs in the Bottleneck of Cathode Materials for Liâ€“S Batteries. Energy & Fuels, 2021, 35, 15455-15471.	2.5	25
18	A novel SnS2 nanomaterial based on nitrogen-doped cubic-like carbon skeleton with excellent lithium storage. Journal of Alloys and Compounds, 2021, 883, 160834.	2.8	17

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19	Synthesize of 3D-conductive supramolecular gel and derived N-doped Feâ€“C as high-performance lithium-ion battery anodes. Vacuum, 2021, 193, 110532.	1.6	2
20	Layered Niobium Oxide Hydrate Anode with Excellent Performance for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 51057-51065.	4.0	21
21	Novel self-supporting multilevel-3D porous NiO nanowires with metal-organic gel coating via â€œlike dissolves likeâ€•to trigger high-performance binder-free lithium-ion batteries. Microporous and Mesoporous Materials, 2021, 328, 111483.	2.2	8
22	Preparation and Electrochemical Performance of CoSe₂â^'MnSe₂ for Application in Lithiumâ€Ion Batteries. ChemElectroChem, 2020, 7, 782-791.	1.7	22
23	Flocculent Cu Caused by the Jahnâ€“Teller Effect Improved the Performance of Mg-MOF-74 as an Anode Material for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 52864-52872.	4.0	50
24	Preparation of promising anode materials with Sn-MOF as precursors for superior lithium and sodium storage. Journal of Alloys and Compounds, 2020, 842, 155605.	2.8	42
25	Bismuth Sulfideâ€“Integrated Carbon Derived from Organic Ligands as a Superior Anode for Sodium Storage. Energy Technology, 2019, 7, 1900668.	1.8	8
26	One-step synthesis of MOF-derived Ga/Ga₂O₃@C dodecahedra as an anode material for high-performance lithium-ion batteries. Dalton Transactions, 2019, 48, 12386-12390.	1.6	15
27	A highly Meso@Microporous carbon-supported Antimony sulfide nanoparticles coated by conductive polymer for high-performance lithium and sodium ion batteries. Electrochimica Acta, 2019, 321, 134699.	2.6	22
28	A novel carbon-coated Ga2S3 anode material derived from post-synthesis modified MOF for high performance lithium ion and sodium ion batteries. Electrochimica Acta, 2019, 322, 134790.	2.6	26
29	Rodlike FeSe2â€“C derived from metal organic gel wrapped with reduced graphene as an anode material with excellent performance for lithium-ion batteries. Electrochimica Acta, 2019, 323, 134817.	2.6	34
30	Carbon-coated bismuth nanospheres derived from Bi-BTC as a promising anode material for lithium storage. Electrochimica Acta, 2019, 325, 134927.	2.6	39
31	MOF-derived Cuâ€“C loaded with SnOx as a superior anode material for lithium-ion batteries. Electrochimica Acta, 2019, 326, 134960.	2.6	24
32	Bi₂S₃/C nanorods as efficient anode materials for lithium-ion batteries. Dalton Transactions, 2019, 48, 1906-1914.	1.6	48
33	FeS2@Porous octahedral carbon derived from metal-organic framework as a stable and high capacity anode for lithium-ion batteries. Electrochimica Acta, 2019, 318, 673-682.	2.6	47
34	A novel Zr-MOF-based and polyaniline-coated UIO-67@Se@PANI composite cathode for lithiumâ€“selenium batteries. Dalton Transactions, 2019, 48, 10191-10198.	1.6	17
35	Zeolitic-imidazolate framework combined with MnO2 as the sulfur host material with excellent performance in lithium-sulfur batteries. Journal of Alloys and Compounds, 2019, 793, 16-23.	2.8	21
36	ZIF-67@Se@MnO₂: A Novel Co-MOF-Based Composite Cathode for Lithiumâ€“Selenium Batteries. Journal of Physical Chemistry C, 2019, 123, 2048-2055.	1.5	35

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37	Strong covalent interaction Fe2O3/nitrogen-doped porous carbon fiber hybrids as free-standing anodes for lithium-ion batteries. Journal of Materials Science, 2019, 54, 6500-6514.	1.7	19
38	Facile synthesis of amorphous UiO-66 (Zr-MOF) for supercapacitor application. Journal of Alloys and Compounds, 2018, 733, 8-14.	2.8	113
39	Facile preparation of four SnOx-C hybrids with superior electrochemical performance for lithium-ion batteries. Electrochimica Acta, 2018, 288, 20-30.	2.6	10
40	Improved Specific Capacity of Nb₂O₅ by Coating on Carbon Materials for Lithiumâ€ion Batteries. ChemElectroChem, 2018, 5, 3468-3477.	1.7	8
41	Realizing uniform dispersion of MnO₂ with the post-synthetic modification of metalâ€“organic frameworks (MOFs) for advanced lithium ion battery anodes. Dalton Transactions, 2018, 47, 13657-13667.	1.6	20
42	Systematic post-synthetic modification of metal-organic framework (ZIF-67) with superior cyclability for lithium-ion batteries. Electrochimica Acta, 2018, 282, 276-285.	2.6	16
43	Two-step method to synthesize spinel Co3O4-MnCo2O4 with excellent performance for lithium ion batteries. Chemical Engineering Journal, 2018, 334, 2021-2029.	6.6	62
44	Porous sulfated metal oxide SO4 2â¯/Fe2O3 as an anode material for Li-ion batteries with enhanced electrochemical performance. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	5
45	Thin-film electrode based on zeolitic imidazolate frameworks (ZIF-8 and ZIF-67) with ultra-stable performance as a lithium-ion battery anode. Journal of Materials Science, 2017, 52, 3979-3991.	1.7	62
46	Synthesis and Electrochemical Performance of SnO_x Quantum Dots@ UiO-66 Hybrid for Lithium Ion Battery Applications. ACS Applied Materials & Interfaces, 2017, 9, 35030-35039.	4.0	45
47	Mn₃O₄/nitrogen-doped porous carbon fiber hybrids involving multiple covalent interactions and open voids as flexible anodes for lithium-ion batteries. Green Chemistry, 2017, 19, 5862-5873.	4.6	48
48	Synthesis and electrochemical performance of three-dimensionally ordered macroporous CoCr2O4 as an anode material for lithium ion batteries. Electrochimica Acta, 2017, 247, 1-11.	2.6	20
49	Amorphous Cobalt Boron Alloy@Graphene Oxide Nanocomposites for Pseudocapacitor Applications. Journal of Materials Science and Technology, 2017, 33, 438-443.	5.6	9
50	Flower-like Ni3(NO3)2(OH)4@Zr-metal organic framework (UiO-66) composites as electrode materials for high performance pseudocapacitors. Ionics, 2016, 22, 2545-2551.	1.2	22
51	Mechanism of electrochemical lithiation of a metal-organic framework without redox-active nodes. Journal of Chemical Physics, 2016, 144, 194702.	1.2	41
52	Three-dimensionally ordered macroporous SnO2 as anode materials for lithium ion batteries. Ceramics International, 2016, 42, 18887-18893.	2.3	34
53	Three-dimensionally Ordered Macroporous Î²-Bi2O3 with Enhanced Electrochemical Performance in a Li-ion Battery. Electrochimica Acta, 2016, 214, 103-109.	2.6	37
54	Synthesis and electrochemical characterization of Ni-B/ZIF-8 as electrode materials for supercapacitors. Electronic Materials Letters, 2016, 12, 645-650.	1.0	9

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55	Adsorption desulfurization study with ionic liquid compound ZrO2/PSMIMHSO4. Applied Petrochemical Research, 2016, 6, 361-366.	1.3	2
56	Nanocomposites of zeolitic imidazolate frameworks on graphene oxide for pseudocapacitor applications. Journal of Applied Electrochemistry, 2016, 46, 441-450.	1.5	63
57	A facile synthesis of SO42â^'/SnO2 solid superacid nanoparticles as anode materials for lithium-ion batteries. Electrochemistry Communications, 2016, 62, 9-12.	2.3	10
58	Facile synthesis of rod-like Bi 2 O 3 nanoparticles as an electrode material for pseudocapacitors. Ceramics International, 2016, 42, 2099-2105.	2.3	72
59	Facile synthesis and supercapacitive properties of Zr-metal organic frameworks (UiO-66). RSC Advances, 2015, 5, 17601-17605.	1.7	111
60	Deep desulfurization by oxidation using an active ionic liquidâ€supported Zr metalâ€“organic framework as catalyst. Applied Organometallic Chemistry, 2015, 29, 96-100.	1.7	44
61	In2O3 Nanoparticles on Three-Dimensionally Ordered Macroporous (3DOM) Carbon for Pseudocapacitor Electrodes. Electrochimica Acta, 2015, 176, 861-867.	2.6	19
62	A facile approach to prepare Bi(OH)₃ nanoflakes as high-performance pseudocapacitor materials. New Journal of Chemistry, 2015, 39, 5927-5930.	1.4	15
63	Synthesis of ordered mesoporous carbon nanofiber arrays/nickelâ€“boron amorphous alloy with high electrochemical performance for supercapacitor. Journal of Materials Science, 2015, 50, 4622-4628.	1.7	10
64	New imidazole-type acidic ionic liquid polymer for biodiesel synthesis from vegetable oil. Chemical Engineering and Processing: Process Intensification, 2015, 93, 61-65.	1.8	22
65	Synthesis of nickel carbonate hydroxide@zeolitic imidazolate framework-67 (Ni2CO3(OH)2@ZIF-67) for pseudocapacitor applications. Journal of Applied Electrochemistry, 2015, 45, 541-547.	1.5	19
66	Synthesis of nickel oxalate/zeolitic imidazolate framework-67 (NiC₂O₄/ZIF-67) as a supercapacitor electrode. New Journal of Chemistry, 2015, 39, 94-97.	1.4	60
67	Electrochemical capacitor behavior of SO42-/MxOy (M-Fe, Ti, Zr, Sn). Ceramics International, 2015, 41, 3791-3799.	2.3	3
68	A novel 2D supramolecular compound of zwitterion and polyoxoanion and its application in catalytic desulfurization. Inorganica Chimica Acta, 2015, 425, 108-113.	1.2	6
69	Synthesis of amorphous cobalt-boron alloy/highly ordered mesoporous carbon nanofiber arrays as advanced pseudocapacitor material. Journal of Solid State Electrochemistry, 2015, 19, 593-598.	1.2	7
70	Ultrafine nano zirconia as electrochemical pseudocapacitor material. Ceramics International, 2015, 41, 2626-2630.	2.3	22
71	Deep oxidation desulfurization with a new imidazole-type acidic ionic liquid polymer. RSC Advances, 2014, 4, 58800-58804.	1.7	17
72	The calcined zeolitic imidazolate framework-8 (ZIF-8) under different conditions as electrode for supercapacitor applications. Journal of Solid State Electrochemistry, 2014, 18, 3203-3207.	1.2	40

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73	Synthesis of nickel carbonate hydroxide/zeolitic imidazolate framework-8 as a supercapacitors electrode. RSC Advances, 2014, 4, 36366-36371.	1.7	34
74	An amorphous nickelâ€“cobaltâ€“boron alloy as advanced pseudocapacitor material. New Journal of Chemistry, 2014, 38, 4666-4669.	1.4	16
75	Esterification of cooking oil for biodiesel production using composites Cs2.5H0.5PW12O40/ionic liquids catalysts. Applied Petrochemical Research, 2014, 4, 305-312.	1.3	9
76	Amorphous nickelâ€“boron and nickelâ€“manganeseâ€“boron alloy as electrochemical pseudocapacitor materials. RSC Advances, 2014, 4, 27800-27804.	1.7	26
77	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0008.gif" overflow="scroll"><mml:msup><mml:msub><mml:mrow><mml:mi mathvariant="normal">SO</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub><mml:mrow><mml:mi as a new electrode for electrochemical supercapacitors. Ceramics International, 2014, 40, 8925-8929.	2.3	10
78	The electrochemical performance of SnO2 quantum dots@zeolitic imidazolate frameworks-8 (ZIF-8) composite material for supercapacitors. Materials Letters, 2014, 128, 208-211.	1.3	68
79	Electrochemical performance of metal-organic framework synthesized by a solvothermal method for supercapacitors. Russian Journal of Electrochemistry, 2013, 49, 983-986.	0.3	40
80	Effect of Hydrothermal Temperature on the Structure and Electrochemical Performance of Manganese Compound/Ordered Mesoporous Carbon Composites for Supercapacitors. Materials and Manufacturing Processes, 2012, 27, 119-124.	2.7	24
81	Facile synthesis of MnO2/ordered mesoporous carbon composite for supercapacitors. Micro and Nano Letters, 2011, 6, 982.	0.6	0
82	Preparation of Ni/Mn compounds/ordered mesoporous carbon composite for use in an electrochemical supercapacitor. Journal of Applied Electrochemistry, 2011, 41, 901-907.	1.5	5
83	Ordered mesoporous carbon/SnO2 composites as the electrode material for supercapacitors. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 407-411.	0.4	7
84	Study on the Catalyst of Methylcyclohexane Dehydrogenation Using Ionic Liquid. , 2011, , .		0
85	The electrochemical performance of ordered mesoporous carbon/nickel compounds composite material for supercapacitor. Journal of Solid State Chemistry, 2010, 183, 2932-2936.	1.4	22