

Bohejin Tang

List of Publications by Year in descending order

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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	Facile synthesis of amorphous UiO-66 (Zr-MOF) for supercapacitor application. <i>Journal of Alloys and Compounds</i> , 2018, 733, 8-14.	2.8	113
2	Facile synthesis and supercapacitive properties of Zr-metal organic frameworks (UiO-66). <i>RSC Advances</i> , 2015, 5, 17601-17605.	1.7	111
3	Facile synthesis of rod-like Bi ₂ O ₃ nanoparticles as an electrode material for pseudocapacitors. <i>Ceramics International</i> , 2016, 42, 2099-2105.	2.3	72
4	The electrochemical performance of SnO ₂ quantum dots@zeolitic imidazolate frameworks-8 (ZIF-8) composite material for supercapacitors. <i>Materials Letters</i> , 2014, 128, 208-211.	1.3	68
5	Nanocomposites of zeolitic imidazolate frameworks on graphene oxide for pseudocapacitor applications. <i>Journal of Applied Electrochemistry</i> , 2016, 46, 441-450.	1.5	63
6	Thin-film electrode based on zeolitic imidazolate frameworks (ZIF-8 and ZIF-67) with ultra-stable performance as a lithium-ion battery anode. <i>Journal of Materials Science</i> , 2017, 52, 3979-3991.	1.7	62
7	Two-step method to synthesize spinel Co ₃ O ₄ -MnCo ₂ O ₄ with excellent performance for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2018, 334, 2021-2029.	6.6	62
8	Synthesis of nickel oxalate/zeolitic imidazolate framework-67 (NiC ₂ O ₄ /ZIF-67) as a supercapacitor electrode. <i>New Journal of Chemistry</i> , 2015, 39, 94-97.	1.4	60
9	Flocculent Cu Caused by the Jahn-Teller Effect Improved the Performance of Mg-MOF-74 as an Anode Material for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52864-52872.	4.0	50
10	Mn ₃ O ₄ /nitrogen-doped porous carbon fiber hybrids involving multiple covalent interactions and open voids as flexible anodes for lithium-ion batteries. <i>Green Chemistry</i> , 2017, 19, 5862-5873.	4.6	48
11	Bi ₂ S ₃ /C nanorods as efficient anode materials for lithium-ion batteries. <i>Dalton Transactions</i> , 2019, 48, 1906-1914.	1.6	48
12	FeS ₂ @Porous octahedral carbon derived from metal-organic framework as a stable and high capacity anode for lithium-ion batteries. <i>Electrochimica Acta</i> , 2019, 318, 673-682.	2.6	47
13	Synthesis and Electrochemical Performance of SnO _x Quantum Dots@ UiO-66 Hybrid for Lithium Ion Battery Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 35030-35039.	4.0	45
14	Deep desulfurization by oxidation using an active ionic liquid-supported Zr metal-organic framework as catalyst. <i>Applied Organometallic Chemistry</i> , 2015, 29, 96-100.	1.7	44
15	Preparation of promising anode materials with Sn-MOF as precursors for superior lithium and sodium storage. <i>Journal of Alloys and Compounds</i> , 2020, 842, 155605.	2.8	42
16	Mechanism of electrochemical lithiation of a metal-organic framework without redox-active nodes. <i>Journal of Chemical Physics</i> , 2016, 144, 194702.	1.2	41
17	Electrochemical performance of metal-organic framework synthesized by a solvothermal method for supercapacitors. <i>Russian Journal of Electrochemistry</i> , 2013, 49, 983-986.	0.3	40
18	The calcined zeolitic imidazolate framework-8 (ZIF-8) under different conditions as electrode for supercapacitor applications. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 3203-3207.	1.2	40

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19	Carbon-coated bismuth nanospheres derived from Bi-BTC as a promising anode material for lithium storage. <i>Electrochimica Acta</i> , 2019, 325, 134927.	2.6	39
20	Three-dimensionally Ordered Macroporous Bi_2O_3 with Enhanced Electrochemical Performance in a Li-ion Battery. <i>Electrochimica Acta</i> , 2016, 214, 103-109.	2.6	37
21	$\text{CoS}_2@MnS@Carbon$ nanoparticles derived from metal-organic framework as a promising anode for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2021, 854, 157315.	2.8	36
22	ZIF-67@Se@MnO_2 : A Novel Co-MOF-Based Composite Cathode for Lithium-Selenium Batteries. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2048-2055.	1.5	35
23	Synthesis of nickel carbonate hydroxide/zeolitic imidazolate framework-8 as a supercapacitors electrode. <i>RSC Advances</i> , 2014, 4, 36366-36371.	1.7	34
24	Three-dimensionally ordered macroporous SnO_2 as anode materials for lithium ion batteries. <i>Ceramics International</i> , 2016, 42, 18887-18893.	2.3	34
25	Rodlike $\text{FeSe}_2@C$ derived from metal organic gel wrapped with reduced graphene as an anode material with excellent performance for lithium-ion batteries. <i>Electrochimica Acta</i> , 2019, 323, 134817.	2.6	34
26	Molybdenum disulfide synthesized by molybdenum-based metal organic framework with high activity for sodium ion battery. <i>Electrochimica Acta</i> , 2021, 365, 137353.	2.6	33
27	A novel cobalt chloride hydrate modified Co-MOF derived carbon microspheres as anode materials for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2022, 433, 133568.	6.6	27
28	Amorphous nickel-boron and nickel-manganese-boron alloy as electrochemical pseudocapacitor materials. <i>RSC Advances</i> , 2014, 4, 27800-27804.	1.7	26
29	A novel carbon-coated Ga_2S_3 anode material derived from post-synthesis modified MOF for high performance lithium ion and sodium ion batteries. <i>Electrochimica Acta</i> , 2019, 322, 134790.	2.6	26
30	Review of metal oxides as anode materials for lithium-ion batteries. <i>Dalton Transactions</i> , 2022, 51, 9584-9590.	1.6	26
31	Recent Breakthroughs in the Bottleneck of Cathode Materials for Li-S Batteries. <i>Energy & Fuels</i> , 2021, 35, 15455-15471.	2.5	25
32	Effect of Hydrothermal Temperature on the Structure and Electrochemical Performance of Manganese Compound/Ordered Mesoporous Carbon Composites for Supercapacitors. <i>Materials and Manufacturing Processes</i> , 2012, 27, 119-124.	2.7	24
33	MOF-derived Cu@C loaded with SnO_x as a superior anode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2019, 326, 134960.	2.6	24
34	The electrochemical performance of ordered mesoporous carbon/nickel compounds composite material for supercapacitor. <i>Journal of Solid State Chemistry</i> , 2010, 183, 2932-2936.	1.4	22
35	New imidazole-type acidic ionic liquid polymer for biodiesel synthesis from vegetable oil. <i>Chemical Engineering and Processing: Process Intensification</i> , 2015, 93, 61-65.	1.8	22
36	Ultrafine nano zirconia as electrochemical pseudocapacitor material. <i>Ceramics International</i> , 2015, 41, 2626-2630.	2.3	22

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37	Flower-like Ni ₃ (NO ₃) ₂ (OH) ₄ @Zr-metal organic framework (UiO-66) composites as electrode materials for high performance pseudocapacitors. <i>Ionics</i> , 2016, 22, 2545-2551.	1.2	22
38	A highly Meso@Microporous carbon-supported Antimony sulfide nanoparticles coated by conductive polymer for high-performance lithium and sodium ion batteries. <i>Electrochimica Acta</i> , 2019, 321, 134699.	2.6	22
39	Preparation and Electrochemical Performance of CoSe ₂ @MnSe ₂ for Application in Lithium-ion Batteries. <i>ChemElectroChem</i> , 2020, 7, 782-791.	1.7	22
40	Application of two-dimensional layered Mo-MOF@ppy with high valency molybdenum in lithium-ion batteries. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127810.	2.3	22
41	Zeolitic-imidazolate framework combined with MnO ₂ as the sulfur host material with excellent performance in lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2019, 793, 16-23.	2.8	21
42	Layered Niobium Oxide Hydrate Anode with Excellent Performance for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 51057-51065.	4.0	21
43	Synthesis and electrochemical performance of three-dimensionally ordered macroporous CoCr ₂ O ₄ as an anode material for lithium ion batteries. <i>Electrochimica Acta</i> , 2017, 247, 1-11.	2.6	20
44	Realizing uniform dispersion of MnO ₂ with the post-synthetic modification of metal-organic frameworks (MOFs) for advanced lithium ion battery anodes. <i>Dalton Transactions</i> , 2018, 47, 13657-13667.	1.6	20
45	Self-healable metal-organic gel membranes as anodes with high lithium storage. <i>Electrochimica Acta</i> , 2021, 386, 138334.	2.6	20
46	In ₂ O ₃ Nanoparticles on Three-Dimensionally Ordered Macroporous (3DOM) Carbon for Pseudocapacitor Electrodes. <i>Electrochimica Acta</i> , 2015, 176, 861-867.	2.6	19
47	Synthesis of nickel carbonate hydroxide@zeolitic imidazolate framework-67 (Ni ₂ CO ₃ (OH) ₂ @ZIF-67) for pseudocapacitor applications. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 541-547.	1.5	19
48	Strong covalent interaction Fe ₂ O ₃ /nitrogen-doped porous carbon fiber hybrids as free-standing anodes for lithium-ion batteries. <i>Journal of Materials Science</i> , 2019, 54, 6500-6514.	1.7	19
49	Deep oxidation desulfurization with a new imidazole-type acidic ionic liquid polymer. <i>RSC Advances</i> , 2014, 4, 58800-58804.	1.7	17
50	A novel Zr-MOF-based and polyaniline-coated UIO-67@Se@PANI composite cathode for lithium-selenium batteries. <i>Dalton Transactions</i> , 2019, 48, 10191-10198.	1.6	17
51	A novel SnS ₂ nanomaterial based on nitrogen-doped cubic-like carbon skeleton with excellent lithium storage. <i>Journal of Alloys and Compounds</i> , 2021, 883, 160834.	2.8	17
52	An amorphous nickel-cobalt-boron alloy as advanced pseudocapacitor material. <i>New Journal of Chemistry</i> , 2014, 38, 4666-4669.	1.4	16
53	Systematic post-synthetic modification of metal-organic framework (ZIF-67) with superior cyclability for lithium-ion batteries. <i>Electrochimica Acta</i> , 2018, 282, 276-285.	2.6	16
54	A facile approach to prepare Bi(OH) ₃ nanoflakes as high-performance pseudocapacitor materials. <i>New Journal of Chemistry</i> , 2015, 39, 5927-5930.	1.4	15

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55	One-step synthesis of MOF-derived Ga/Ga ₂ O ₃ @C dodecahedra as an anode material for high-performance lithium-ion batteries. Dalton Transactions, 2019, 48, 12386-12390.	1.6	15
56	Superior lithium-storage properties derived from a g-C ₃ N ₄ -embedded honeycomb-shaped meso@mesoporous carbon nanofiber anode loaded with Fe ₂ O ₃ for Li-ion batteries. Dalton Transactions, 2021, 50, 9775-9786.	1.6	15
57	Several carbon-coated Ga ₂ O ₃ anodes: efficient coating of reduced graphene oxide enhanced the electrochemical performance of lithium ion batteries. Dalton Transactions, 2021, 50, 3660-3670.	1.6	14
58	Highly dispersed CuO nanoparticle on ZIF-4 framework as anode material for LIBs. Journal of Alloys and Compounds, 2022, 914, 165316.	2.8	14
59	Metal-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
60	One-step synthesis based on non-aqueous sol-gel conductive polymer-coated SnO ₂ nanoparticles as advanced anode materials for lithium-ion batteries. Journal of Alloys and Compounds, 2022, 899, 163274.	2.8	12
61	Vanadium Metaphosphate V(PO ₃) ₃ Derived from V-MOF as a Novel Anode for Lithium-Ion Batteries. ChemistrySelect, 2021, 6, 8150-8157.	0.7	11
62	A variety of carbon-coated FeS ₂ anodes: FeS ₂ @CNT with excellent lithium-ion storage performance. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 637, 128226.	2.3	11
63	Nitrogen-Doped Porous Ag@C@Co ₃ O ₄ Nanocomposite for Boosting Lithium Ion Batteries. Energy & Fuels, 2022, 36, 2861-2871.	2.5	11
64	SO_4^{2-} as a new electrode for electrochemical supercapacitors. Ceramics International, 2014, 40, 8925-8929.	2.3	10
65	Synthesis of ordered mesoporous carbon nanofiber arrays/nickel-boron amorphous alloy with high electrochemical performance for supercapacitor. Journal of Materials Science, 2015, 50, 4622-4628.	1.7	10
66	A facile synthesis of SO ₄ ²⁻ /SnO ₂ solid superacid nanoparticles as anode materials for lithium-ion batteries. Electrochemistry Communications, 2016, 62, 9-12.	2.3	10
67	Facile preparation of four SnO _x -C hybrids with superior electrochemical performance for lithium-ion batteries. Electrochimica Acta, 2018, 288, 20-30.	2.6	10
68	Cobalt-doped TaOCl ₃ nanoparticles/carbon compounds with advanced specific capacity for lithium-ion batteries. Journal of Alloys and Compounds, 2022, 897, 163193.	2.8	10
69	Esterification of cooking oil for biodiesel production using composites Cs _{2.5} H _{0.5} PW ₁₂ O ₄₀ /ionic liquids catalysts. Applied Petrochemical Research, 2014, 4, 305-312.	1.3	9
70	Synthesis and electrochemical characterization of Ni-B/ZIF-8 as electrode materials for supercapacitors. Electronic Materials Letters, 2016, 12, 645-650.	1.0	9
71	Amorphous Cobalt Boron Alloy@Graphene Oxide Nanocomposites for Pseudocapacitor Applications. Journal of Materials Science and Technology, 2017, 33, 438-443.	5.6	9
72	Improved Specific Capacity of Nb ₂ O ₅ by Coating on Carbon Materials for Lithium-Ion Batteries. ChemElectroChem, 2018, 5, 3468-3477.	1.7	8

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73	Bismuth Sulfideâ€“Integrated Carbon Derived from Organic Ligands as a Superior Anode for Sodium Storage. <i>Energy Technology</i> , 2019, 7, 1900668.	1.8	8
74	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. <i>Microporous and Mesoporous Materials</i> , 2021, 328, 111483.	2.2	8
75	Ordered mesoporous carbon/SnO ₂ composites as the electrode material for supercapacitors. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011, 26, 407-411.	0.4	7
76	Synthesis of amorphous cobalt-boron alloy/highly ordered mesoporous carbon nanofiber arrays as advanced pseudocapacitor material. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 593-598.	1.2	7
77	A novel 2D supramolecular compound of zwitterion and polyoxoanion and its application in catalytic desulfurization. <i>Inorganica Chimica Acta</i> , 2015, 425, 108-113.	1.2	6
78	Preparation of Ni/Mn compounds/ordered mesoporous carbon composite for use in an electrochemical supercapacitor. <i>Journal of Applied Electrochemistry</i> , 2011, 41, 901-907.	1.5	5
79	Porous sulfated metal oxide SO ₄ ²⁻ /Fe ₂ O ₃ as an anode material for Li-ion batteries with enhanced electrochemical performance. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	5
80	Electrochemical capacitor behavior of SO ₄ ²⁻ /M _x O _y (M-Fe, Ti, Zr, Sn). <i>Ceramics International</i> , 2015, 41, 3791-3799.	2.3	3
81	MoP ₂ /C@rGO synthesised by phosphating the molybdenum-based metal organic framework and GO coating with excellent lithium ion storage performance. <i>Dalton Transactions</i> , 2022, 51, 6390-6398.	1.6	3
82	Adsorption desulfurization study with ionic liquid compound ZrO ₂ /PSMIMHSO ₄ . <i>Applied Petrochemical Research</i> , 2016, 6, 361-366.	1.3	2
83	Synthesize of 3D-conductive supramolecular gel and derived N-doped Feâ€“C as high-performance lithium-ion battery anodes. <i>Vacuum</i> , 2021, 193, 110532.	1.6	2
84	Facile synthesis of MnO ₂ /ordered mesoporous carbon composite for supercapacitors. <i>Micro and Nano Letters</i> , 2011, 6, 982.	0.6	0
85	Study on the Catalyst of Methylcyclohexane Dehydrogenation Using Ionic Liquid. , 2011, , .		0