

Jia Lin

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

984
citations

516710

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docs citations

26
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress of nanostructured metal oxides derived from metal-organic frameworks as anode materials for lithium-ion batteries. <i>Coordination Chemistry Reviews</i> , 2020, 420, 213434.	18.8	149
2	Metal-Organic Framework-Derived Hierarchical MnO/Co with Oxygen Vacancies toward Elevated-Temperature Li-Ion Battery. <i>ACS Nano</i> , 2021, 15, 4594-4607.	14.6	121
3	Lead-Based Metal-Organic Framework with Stable Lithium Anodic Performance. <i>Inorganic Chemistry</i> , 2017, 56, 4289-4295.	4.0	78
4	Lithium-Ion-Battery Anode Materials with Improved Capacity from a Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2016, 55, 8244-8247.	4.0	76
5	CNT-Assembled Octahedron Carbon-Encapsulated Cu ₃ P/Cu Heterostructure by In Situ MOF-Derived Engineering for Superior Lithium Storage: Investigations by Experimental Implementation and First-Principles Calculation. <i>Advanced Science</i> , 2020, 7, 2000736.	11.2	66
6	Mesoporous Mn ₃ O ₄ /C Microspheres Fabricated from MOF Template as Advanced Lithium-Ion Battery Anode. <i>Crystal Growth and Design</i> , 2017, 17, 5881-5886.	3.0	60
7	Mesoporous MnO/C-N Nanostructures Derived from a Metal-Organic Framework as High-Performance Anode for Lithium-Ion Battery. <i>Inorganic Chemistry</i> , 2017, 56, 9966-9972.	4.0	52
8	Bifunctional 2D Cd(II)-Based Metal-Organic Framework as Efficient Heterogeneous Catalyst for the Formation of C-C Bond. <i>Crystal Growth and Design</i> , 2018, 18, 2883-2889.	3.0	51
9	Metal-organic framework-derived LiFePO ₄ cathode encapsulated in O,F-codoped carbon matrix towards superior lithium storage. <i>Nano Energy</i> , 2022, 91, 106655.	16.0	50
10	<i>In situ</i> construction of a MOF-derived carbon-encapsulated LiCoO ₂ heterostructure as a superior cathode for elevated-voltage lithium storage: from experimental to theoretical study. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6607-6618.	10.3	46
11	<i>In situ</i> synthesis of Cu ₂ O-CuO-C supported on copper foam as a superior binder-free anode for long-cycle lithium-ion batteries. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2254-2262.	5.9	33
12	Oxygen vacancy engineering of carbon-encapsulated (Co,Mn)(Co,Mn)2O ₄ from metal-organic framework towards boosted lithium storage. <i>Chemical Engineering Journal</i> , 2021, 425, 130661.	12.7	29
13	Isobenzofuranone monomer and dimer derivatives from the mangrove endophytic fungus <i>Epicoccum nigrum</i> SCNU-F0002 possess β -glucosidase inhibitory and antioxidant activity. <i>Bioorganic Chemistry</i> , 2020, 94, 103407.	4.1	26
14	Trimetallic MOF-Derived Cu _{0.39} Zn _{0.14} Co _{2.47} O ₄ -CuO Interwoven with Carbon Nanotubes on Copper Foam for Superior Lithium Storage with Boosted Kinetics. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15684-15695.	6.7	25
15	A Versatile Anionic Cd(II)-Based Metal-Organic Framework for CO ₂ Capture and Nitroaromatic Explosives Detection. <i>Crystal Growth and Design</i> , 2018, 18, 7088-7093.	3.0	21
16	Self-standing MOF-derived LiCoO ₂ nanopolyhedron on Au-coated copper foam as advanced 3D cathodes for lithium-ion batteries. <i>Applied Materials Today</i> , 2020, 19, 100565.	4.3	21
17	Structural diversity of Mn(<i>scpd</i>), Zn(<i>scpd</i>) and Pb(<i>scpd</i>) coordination polymers constructed from isomeric pyridylbenzoate N-oxide ligands: structures and electrochemical properties. <i>CrystEngComm</i> , 2016, 18, 9307-9315.	2.6	15
18	Copper nanowires and copper foam multifunctional bridges in zeolitic imidazolate framework-derived anode material for superior lithium storage. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 156-166.	9.4	15

#	ARTICLE	IF	CITATIONS
19	Carbon-encapsulated anionic-defective MnO/Ni open microcages: A hierarchical stress-release engineering for superior lithium storage. , 2023, 5, .		13
20	Four new Zn(II) and Cd(II) coordination polymers using two amide-like aromatic multi-carboxylate ligands: synthesis, structures and lithium-selenium batteries application. RSC Advances, 2019, 9, 14750-14757.	3.6	9
21	Structural Diversity of Zinc(II), Manganese(II), and Gadolinium(III) Coordination Polymers Based on Two Isomeric <i>N</i> -Heteroaromatic Polycarboxylate Ligands: Structures and Their Derived Mn_2O_3 for Lithium Storage Applications. Inorganic Chemistry, 2020, 59, 460-471.	4.0	9
22	Trimetallic Metal-Organic Framework Nanoframe Superstructures: A Stress-Buffering Architecture Engineering of Anode Material toward Boosted Lithium Storage Performance. Energy and Environmental Materials, 2023, 6, .	12.8	7
23	Surface-enhanced Raman on gold nanoparticles for the identification of the most common adulterant of Astragal Radix. Spectroscopy Letters, 2018, 51, 389-394.	1.0	6
24	An improved method for cloth pattern cutting based on Holistically-nested Edge Detection. , 2021, , .		4
25	Surface-enhanced Raman scattering spectroscopic analysis of Saposhnikovia divaricata decoction. Spectroscopy Letters, 2016, 49, 204-207.	1.0	1
26	Defect Detection of Rubber Gloves Based on Normal Samples. , 2021, , .		1