Meng Yang

List of Publications by Year
in descending order

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32	819	471509	501196
papers	citations	17	28
		h-index	g-index

32	32	32	1139
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phoenix Tree Leavesâ€“Derived Biomass Carbons for Sodium-Ion Batteries. , 2021, , 135-146.		0
2	Carbon Nanotube Supported Li-Excess Cation-Disordered Li1.24Fe0.38Ti0.38O2 Cathode with Enhanced Lithium-Ion Storage Performance. Journal of Electronic Materials, 2021, 50, 5029-5036.	2.2	4
3	Facile Repair of Antiâ€Corrosion Polymeric Composite Coatings Based on Light Triggered Selfâ€Healing. Macromolecular Materials and Engineering, 2021, 306, 2100106.	3.6	10
4	Layered-Template Synthesis of Graphene-like Fe-N-C Nanosheets for Highly Efficient Oxygen Reduction Reaction. Energy & Fuels, 2021, 35, 20349-20357.	5.1	5
5	Highâ€Energy Interlayerâ€Expanded Copper Sulfide Cathode Material in Nonâ€Corrosive Electrolyte for Rechargeable Magnesium Batteries. Advanced Materials, 2020, 32, e1905524.	21.0	125
6	A Highâ€Energy Aqueous Manganeseâ€“Metal Hydride Hybrid Battery. Advanced Materials, 2020, 32, e2001106.	21.0	22
7	Room-Temperature Stable Inorganic Halide Perovskite as Potential Solid Electrolyte for Chloride Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 18634-18641.	8.0	35
8	Vanadium oxychloride as cathode for rechargeable aluminum batteries. Journal of Alloys and Compounds, 2019, 806, 1109-1115.	5.5	9
9	Cation-Disordered Lithium-Excess Liâ€“Feâ€“Ti Oxide Cathode Materials for Enhanced Li-Ion Storage. ACS Applied Materials & Interfaces, 2019, 11, 44144-44152.	8.0	22
10	Polypyrrole as a Novel Chlorideâ€Storage Electrode for Seawater Desalination. Energy Technology, 2019, 7, 1900835.	3.8	40
11	Triconstituent co-assembly to hierarchically porous carbons as high-performance anodes for sodium-ion batteries. Journal of Alloys and Compounds, 2019, 771, 140-146.	5.5	7
12	Typha-derived hard carbon for high-performance sodium ion storage. Journal of Alloys and Compounds, 2019, 784, 1290-1296.	5.5	28
13	Mn2SiO4/CNT composites as anode materials for high performance lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2018, 29, 7867-7875.	2.2	5
14	Microstructure and bio-corrosion behaviour of Mg-5Zn-0.5Ca -xSr alloys as potential biodegradable implant materials. Materials Research Express, 2018, 5, 045401.	1.6	7
15	Phoenix tree leaves-derived biomass carbons for sodium-ion batteries. Functional Materials Letters, 2018, 11, 1840008.	1.2	11
16	Developing Polymer Cathode Material for the Chloride Ion Battery. ACS Applied Materials & Interfaces, 2017, 9, 2535-2540.	8.0	90
17	Improved electrochemical properties of flower-like Co hierarchitectures as anode materials for alkaline secondary batteries. Functional Materials Letters, 2017, 10, 1750076.	1.2	4
18	Hierarchically ordered mesoporous Co3O4 materials for high performance Li-ion batteries. Scientific Reports, 2016, 6, 19564.	3.3	79

#	Article	IF	Citations
19	Spinel LiMn2â^'x Si x O4 (x < 1) through Si4+ substitution as a potential cathode material for lithium-ion batteries. Science China Materials, 2016, 59, 558-566.	6.3	8
20	Free-standing and flexible LiMnTiO4/carbon nanotube cathodes for high performance lithium ion batteries. Journal of Power Sources, 2016, 321, 120-125.	7.8	48
21	Nanostructured cation disordered Li₂FeTiO₄/graphene composite as high capacity cathode for lithium-ion batteries. Materials Technology, 2016, 31, 537-543.	3.0	22
22	Carbon incorporation effects and reaction mechanism of FeOCl cathode materials for chloride ion batteries. Scientific Reports, 2016, 6, 19448.	3.3	43
23	Lithium-Excess Research of Cathode Material Li2MnTiO4 for Lithium-Ion Batteries. Nanomaterials, 2015, 5, 1985-1994.	4.1	27
24	Facile and Eco-Friendly Synthesis of Finger-Like Co3O4 Nanorods for Electrochemical Energy Storage. Nanomaterials, 2015, 5, 2335-2347.	4.1	19
25	Graphene-encapsulated Li2MnTi3O8 nanoparticles as a high rate anode material for lithium-ion batteries. Electrochimica Acta, 2015, 155, 272-278.	5.2	25
26	The spinel phase LiMnTiO4 as a potential cathode for rechargeable lithium ion batteries. Journal of Materials Science: Materials in Electronics, 2015, 26, 6366-6372.	2.2	10
27	The high capacity and excellent rate capability of Ti-doped Li₂MnSiO₄as a cathode material for Li-ion batteries. RSC Advances, 2015, 5, 1612-1618.	3.6	23
28	Synthesis and improved electrochemical properties of Na-substituted Li 2 MnSiO 4 nanoparticles as cathode materials for Li-ion batteries. Chemical Physics Letters, 2015, 619, 39-43.	2.6	16
29	Synthesis and characterization of LiMnPO4/C nano-composites from manganese(ii) phosphate trihydrate precipitated from a micro-channel reactor approach. RSC Advances, 2014, 4, 25625.	3.6	22
30	Cation disordered rock salt phase Li2CoTiO4 as a potential cathode material for Li-ion batteries. Journal of Materials Chemistry, 2012, 22, 6200.	6.7	39
31	Electrochemical properties of Co(OH)2 powders as an anode in an alkaline battery. Journal of Materials Science, 2010, 45, 3752-3756.	3.7	13
32	Porous TiO2â^'x with oxygen deficiency as sulfur host for lithiumâ€“sulfur batteries. Functional Materials Letters, 0, , 2143004.	1.2	1