

Hui Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

485
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Encapsulating silicon into conjugated N-doped carbon with multifunctional citric acid binder for lithium-ion battery. <i>Solid State Ionics</i> , 2022, 376, 115857.	2.7	5
2	Revealing the nature of interaction between C1 chemical molecules and flat nano-carbon graphene/graphyne: Direct picture and quantitative description based on first-principles. <i>Surface Science</i> , 2022, 724, 122133.	1.9	0
3	Evaluation of pyrite cinders from sulfuric acid production as oxygen carrier for chemical looping combustion. <i>Energy</i> , 2021, 233, 121079.	8.8	10
4	A robust hierarchical 3D Si/CNTs composite with void and carbon shell as Li-ion battery anodes. <i>Chemical Engineering Journal</i> , 2019, 360, 974-981.	12.7	78
5	Porous covalent organic frameworks for high transference number polymer-based electrolytes. <i>Chemical Communications</i> , 2019, 55, 1458-1461.	4.1	62
6	Micro-structured Si@Cu ₃ Si@C ternary composite anodes for high-performance Li-ion batteries. <i>Ionics</i> , 2019, 25, 4667-4673.	2.4	9
7	<i>In Situ</i> Synthesis of Multilayer Carbon Matrix Decorated with Copper Particles: Enhancing the Performance of Si as Anode for Li-Ion Batteries. <i>ACS Nano</i> , 2019, 13, 3054-3062.	14.6	135
8	Polymer Electrolyte Glue: A Universal Interfacial Modification Strategy for All-Solid-State Li Batteries. <i>Nano Letters</i> , 2019, 19, 2343-2349.	9.1	105
9	Cotton as a sustainable source of CuxO/C anode for high-performance Li-ion battery. <i>Ionics</i> , 2019, 25, 2519-2524.	2.4	2
10	Three-dimensional interconnected porous graphitic carbon derived from rice straw for high performance supercapacitors. <i>Journal of Power Sources</i> , 2018, 384, 270-277.	7.8	62
11	Flower-like carbon with embedded silicon nano particles as an anode material for Li-ion batteries. <i>RSC Advances</i> , 2017, 7, 30032-30037.	3.6	17