Changhyeon Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10507099/publications.pdf

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18	304	1040056	888059
papers	citations	9	17
		h-index	g-index

18	18	18	449
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Long-term cycling stability of porous Sn anode for sodium-ion batteries. Journal of Power Sources, 2016, 317, 153-158.	7.8	74
2	A self-healing Sn anode with an ultra-long cycle life for sodium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 22809-22818.	10.3	49
3	Simple and scalable synthesis of CuS as an ultrafast and long-cycling anode for sodium ion batteries. Journal of Materials Chemistry A, 2019, 7, 16239-16248.	10.3	47
4	Enhanced rate and cyclability of a porous Na₃V₂(PO₄)₃ cathode using dimethyl ether as the electrolyte for application in sodium-ion batteries. Journal of Materials Chemistry A, 2020, 8, 9843-9849.	10.3	32
5	Effect of sodium salts on the cycling performance of tin anode in sodium ion batteries. Ionics, 2018, 24, 753-761.	2.4	21
6	High power Na₃V₂(PO₄)₃ symmetric full cell for sodium-ion batteries. Nanoscale Advances, 2020, 2, 5166-5170.	4.6	16
7	Ultra-long cycle life of flexible Sn anode using DME electrolyte. Journal of Alloys and Compounds, 2021, 871, 159549.	5.5	12
8	Development and Evaluation of Sn Foil Anode for Sodiumâ€Ion Batteries. Small, 2021, 17, e2102618.	10.0	11
9	Self-Assembly of Pulverized Nanoparticles: An Approach to Realize Large-Capacity, Long-Lasting, and Ultra-Fast-Chargeable Na-Ion Batteries. Nano Letters, 2021, 21, 9044-9051.	9.1	9
10	Ultrahigh-rate nickel monosulfide anodes for sodium/potassium-ion storage. Nanoscale, 2021, 13, 10447-10454.	5.6	8
11	A high rate and long-cycle-life anode based on micrometer-sized Pb powder for sodium-ion batteries. Journal of Alloys and Compounds, 2021, 886, 161240.	5.5	7
12	Binder-free and high-loading sulfurized polyacrylonitrile cathode for lithium/sulfur batteries. RSC Advances, 2021, 11, 16122-16130.	3.6	6
13	Fabrication and Electrochemical Characterization of Sulfurized-Polyacrylonitrile Nanofiber Electrodes for Na/S Batteries Using Various Polyacrylonitrile Solutions. Journal of Nanoscience and Nanotechnology, 2020, 20, 7092-7095.	0.9	3
14	Simple and Scalable Synthesis of Sulfurized Polyacrylonitrile Cathodes for Li/s Batteries. Science of Advanced Materials, 2021, 13, 2282-2286.	0.7	3
15	Initial Discharge Behavior of an Ultra High Loading 3D Sulfur Cathode for a Room-Temperature Na/S Battery. Journal of Nanoscience and Nanotechnology, 2018, 18, 6524-6527.	0.9	2
16	Free-Standing NiS2 Electrode as High-Rate Anode Material for Sodium-Ion Batteries. Journal of Nanoscience and Nanotechnology, 2020, 20, 7119-7123.	0.9	2
17	Increasing Electrical Conductivity of Free-Standing Sulfurized Polyacrylonitrile Cathode for Lithiumâ€“Sulfur Batteries. Science of Advanced Materials, 2020, 12, 1441-1445.	0.7	1
18	Electrochemical Properties of Sulfurized Polyacrylonitrile with High Sulfur Content for Lithium/Sulfur Batteries. Nanoscience and Nanotechnology Letters, 2015, 7, 1025-1030.	0.4	1