

Changhyeon Kim

List of Publications by Year in descending order

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449
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#	ARTICLE	IF	CITATIONS
1	Ultra-high-rate nickel monosulfide anodes for sodium/potassium-ion storage. <i>Nanoscale</i> , 2021, 13, 10447-10454.	5.6	8
2	Binder-free and high-loading sulfurized polyacrylonitrile cathode for lithium/sulfur batteries. <i>RSC Advances</i> , 2021, 11, 16122-16130.	3.6	6
3	Ultra-long cycle life of flexible Sn anode using DME electrolyte. <i>Journal of Alloys and Compounds</i> , 2021, 871, 159549.	5.5	12
4	A high rate and long-cycle-life anode based on micrometer-sized Pb powder for sodium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2021, 886, 161240.	5.5	7
5	Development and Evaluation of Sn Foil Anode for Sodium-Ion Batteries. <i>Small</i> , 2021, 17, e2102618.	10.0	11
6	Self-Assembly of Pulverized Nanoparticles: An Approach to Realize Large-Capacity, Long-Lasting, and Ultra-Fast-Chargeable Na-Ion Batteries. <i>Nano Letters</i> , 2021, 21, 9044-9051.	9.1	9
7	Simple and Scalable Synthesis of Sulfurized Polyacrylonitrile Cathodes for Li/S Batteries. <i>Science of Advanced Materials</i> , 2021, 13, 2282-2286.	0.7	3
8	Fabrication and Electrochemical Characterization of Sulfurized-Polyacrylonitrile Nanofiber Electrodes for Na/S Batteries Using Various Polyacrylonitrile Solutions. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 7092-7095.	0.9	3
9	High power Na ₃ V ₂ (PO ₄) ₃ symmetric full cell for sodium-ion batteries. <i>Nanoscale Advances</i> , 2020, 2, 5166-5170.	4.6	16
10	Enhanced rate and cyclability of a porous Na ₃ V ₂ (PO ₄) ₃ cathode using dimethyl ether as the electrolyte for application in sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9843-9849.	10.3	32
11	Free-Standing NiS ₂ Electrode as High-Rate Anode Material for Sodium-Ion Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 7119-7123.	0.9	2
12	Increasing Electrical Conductivity of Free-Standing Sulfurized Polyacrylonitrile Cathode for Lithium-Sulfur Batteries. <i>Science of Advanced Materials</i> , 2020, 12, 1441-1445.	0.7	1
13	Simple and scalable synthesis of CuS as an ultrafast and long-cycling anode for sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16239-16248.	10.3	47
14	Effect of sodium salts on the cycling performance of tin anode in sodium ion batteries. <i>Ionics</i> , 2018, 24, 753-761.	2.4	21
15	A self-healing Sn anode with an ultra-long cycle life for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22809-22818.	10.3	49
16	Initial Discharge Behavior of an Ultra High Loading 3D Sulfur Cathode for a Room-Temperature Na/S Battery. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 6524-6527.	0.9	2
17	Long-term cycling stability of porous Sn anode for sodium-ion batteries. <i>Journal of Power Sources</i> , 2016, 317, 153-158.	7.8	74
18	Electrochemical Properties of Sulfurized Polyacrylonitrile with High Sulfur Content for Lithium/Sulfur Batteries. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 1025-1030.	0.4	1