

Kazi Ahmed

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,115
citations

687220

13
h-index

839398

18
g-index

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docs citations

18
times ranked

2308
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrous Ruthenium Oxide Nanoparticles Anchored to Graphene and Carbon Nanotube Hybrid Foam for Supercapacitors. Scientific Reports, 2014, 4, 4452.	1.6	424
2	Scalable Synthesis of Nano-Silicon from Beach Sand for Long Cycle Life Li-ion Batteries. Scientific Reports, 2014, 4, 5623.	1.6	179
3	Towards Scalable Binderless Electrodes: Carbon Coated Silicon Nanofiber Paper via Mg Reduction of Electrospun SiO ₂ Nanofibers. Scientific Reports, 2015, 5, 8246.	1.6	69
4	Silicon Decorated Cone Shaped Carbon Nanotube Clusters for Lithium Ion Battery Anodes. Small, 2014, 10, 3389-3396.	5.2	65
5	Template Free and Binderless NiO Nanowire Foam for Li-ion Battery Anodes with Long Cycle Life and Ultrahigh Rate Capability. Scientific Reports, 2016, 6, 29183.	1.6	54
6	Free-standing NiO nanofiber cloth anode for high capacity and high rate Li-ion batteries. Nano Energy, 2015, 18, 47-56.	8.2	53
7	Carbon-Coated, Diatomite-Derived Nanosilicon as a High Rate Capable Li-ion Battery Anode. Scientific Reports, 2016, 6, 33050.	1.6	53
8	Towards flexible binderless anodes: silicon/carbon fabrics via double-nozzle electrospinning. Chemical Communications, 2016, 52, 11398-11401.	2.2	52
9	Silicon Derived from Glass Bottles as Anode Materials for Lithium Ion Full Cell Batteries. Scientific Reports, 2017, 7, 917.	1.6	47
10	Kinetics and electrochemical evolution of binary silicon-polymer systems for lithium ion batteries. RSC Advances, 2017, 7, 36541-36549.	1.7	30
11	High energy and power density Li ₂ O battery cathodes based on amorphous RuO ₂ loaded carbon free and binderless nickel nanofoam architectures. RSC Advances, 2016, 6, 81712-81718.	1.7	25
12	Scalable, Binderless, and Carbonless Hierarchical Ni Nanodendrite Foam Decorated with Hydrous Ruthenium Dioxide for 1.6 V Symmetric Supercapacitors. Advanced Materials Interfaces, 2016, 3, 1500503.	1.9	22
13	Advanced Sulfur-Silicon Full Cell Architecture for Lithium Ion Batteries. Scientific Reports, 2017, 7, 17264.	1.6	20
14	High-Potential Metalless Nanocarbon Foam Supercapacitors Operating in Aqueous Electrolyte. Small, 2018, 14, e1702444.	5.2	11
15	A Study of Diffusion in Lithium-ion Electrodes Under Fast Charging Using Electrochemical Impedance Spectroscopy. MRS Advances, 2017, 2, 3309-3315.	0.5	3
16	Characterization of Thermal Behavior of Commercial NCR 18650B Batteries under Varying Cycling Conditions. MRS Advances, 2017, 2, 3329-3334.	0.5	3
17	Adoption of thermal behavior as an indicator for enhancement of the EIS analysis for NCR 18650B Commercial Lithium-ion batteries system. MRS Advances, 2018, 3, 3155-3162.	0.5	3
18	Silicon/polypyrrole nanocomposite wrapped with graphene for lithium ion anodes. MRS Advances, 2017, 2, 3323-3327.	0.5	2