

Kazi Ahmed

List of Publications by Year in descending order

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18
papers

1,115
citations

687363

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839539

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docs citations

18
times ranked

2308
citing authors

#	ARTICLE	IF	CITATIONS
1	High Potential Metalless Nanocarbon Foam Supercapacitors Operating in Aqueous Electrolyte. <i>Small</i> , 2018, 14, e1702444.	10.0	11
2	Adoption of thermal behavior as an indicator for enhancement of the EIS analysis for NCR 18650B Commercial Lithium-ion batteries system. <i>MRS Advances</i> , 2018, 3, 3155-3162.	0.9	3
3	Silicon Derived from Glass Bottles as Anode Materials for Lithium Ion Full Cell Batteries. <i>Scientific Reports</i> , 2017, 7, 917.	3.3	47
4	Silicon/polypyrrole nanocomposite wrapped with graphene for lithium ion anodes. <i>MRS Advances</i> , 2017, 2, 3323-3327.	0.9	2
5	Kinetics and electrochemical evolution of binary silicon-polymer systems for lithium ion batteries. <i>RSC Advances</i> , 2017, 7, 36541-36549.	3.6	30
6	Advanced Sulfur-Silicon Full Cell Architecture for Lithium Ion Batteries. <i>Scientific Reports</i> , 2017, 7, 17264.	3.3	20
7	A Study of Diffusion in Lithium-ion Electrodes Under Fast Charging Using Electrochemical Impedance Spectroscopy. <i>MRS Advances</i> , 2017, 2, 3309-3315.	0.9	3
8	Characterization of Thermal Behavior of Commercial NCR 18650B Batteries under Varying Cycling Conditions. <i>MRS Advances</i> , 2017, 2, 3329-3334.	0.9	3
9	Towards flexible binderless anodes: silicon/carbon fabrics via double-nozzle electrospinning. <i>Chemical Communications</i> , 2016, 52, 11398-11401.	4.1	52
10	High energy and power density LiO_2 battery cathodes based on amorphous RuO_2 loaded carbon free and binderless nickel nanofoam architectures. <i>RSC Advances</i> , 2016, 6, 81712-81718.	3.6	25
11	Template Free and Binderless NiO Nanowire Foam for Li-ion Battery Anodes with Long Cycle Life and Ultrahigh Rate Capability. <i>Scientific Reports</i> , 2016, 6, 29183.	3.3	54
12	Carbon-Coated, Diatomite-Derived Nanosilicon as a High Rate Capable Li-ion Battery Anode. <i>Scientific Reports</i> , 2016, 6, 33050.	3.3	53
13	Scalable, Binderless, and Carbonless Hierarchical Ni Nanodendrite Foam Decorated with Hydrous Ruthenium Dioxide for 1.6 V Symmetric Supercapacitors. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500503.	3.7	22
14	Towards Scalable Binderless Electrodes: Carbon Coated Silicon Nanofiber Paper via Mg Reduction of Electrospun SiO_2 Nanofibers. <i>Scientific Reports</i> , 2015, 5, 8246.	3.3	69
15	Free-standing Ni-NiO nanofiber cloth anode for high capacity and high rate Li-ion batteries. <i>Nano Energy</i> , 2015, 18, 47-56.	16.0	53
16	Silicon Decorated Cone Shaped Carbon Nanotube Clusters for Lithium Ion Battery Anodes. <i>Small</i> , 2014, 10, 3389-3396.	10.0	65
17	Hydrous Ruthenium Oxide Nanoparticles Anchored to Graphene and Carbon Nanotube Hybrid Foam for Supercapacitors. <i>Scientific Reports</i> , 2014, 4, 4452.	3.3	424
18	Scalable Synthesis of Nano-Silicon from Beach Sand for Long Cycle Life Li-ion Batteries. <i>Scientific Reports</i> , 2014, 4, 5623.	3.3	179