

M Mokhlesur Rahman

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4549880/m-mokhlesur-rahman-publications-by-citations.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

1,359
citations

16
h-index

22
g-index

22
ext. papers

1,521
ext. citations

8.6
avg, IF

4.89
L-index

#	Paper	IF	Citations
22	Potassium-Ion Battery Anode Materials Operating through the Alloying/Dealloying Reaction Mechanism. <i>Advanced Functional Materials</i> , 2018 , 28, 1703857	15.6	252
21	High capacity potassium-ion battery anodes based on black phosphorus. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 23506-23512	13	191
20	Nanocrystalline SnS coated onto reduced graphene oxide: demonstrating the feasibility of a non-graphitic anode with sulfide chemistry for potassium-ion batteries. <i>Chemical Communications</i> , 2017 , 53, 8272-8275	5.8	164
19	K-ion and Na-ion storage performances of CoO-FeO nanoparticle-decorated super P carbon black prepared by a ball milling process. <i>Nanoscale</i> , 2017 , 9, 3646-3654	7.7	139
18	Electrochemical investigation of sodium reactivity with nanostructured Co ₃ O ₄ for sodium-ion batteries. <i>Chemical Communications</i> , 2014 , 50, 5057-60	5.8	133
17	Ex situ electrochemical sodiation/desodiation observation of Co ₃ O ₄ anchored carbon nanotubes: a high performance sodium-ion battery anode produced by pulsed plasma in a liquid. <i>Nanoscale</i> , 2015 , 7, 13088-95	7.7	61
16	Enhanced lithium storage in ZnFe ₂ O ₄ /C nanocomposite produced by a low-energy ball milling. <i>Journal of Power Sources</i> , 2015 , 282, 462-470	8.9	58
15	Formation of hollow MoS ₂ /carbon microspheres for high capacity and high rate reversible alkali-ion storage. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 8280-8288	13	56
14	Enhanced lithium storage in Fe ₂ O ₃ -SnO ₂ -C nanocomposite anode with a breathable structure. <i>Nanoscale</i> , 2013 , 5, 4910-6	7.7	50
13	Maricite NaFePO ₄ /C/graphene: a novel hybrid cathode for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 16616-16621	13	43
12	Antimony-carbon nanocomposites for potassium-ion batteries: Insight into the failure mechanism in electrodes and possible avenues to improve cyclic stability. <i>Journal of Power Sources</i> , 2019 , 413, 476-484	8.9	43
11	Effects of polypyrrole on the performance of nickel oxide anode materials for rechargeable lithium-ion batteries. <i>Journal of Materials Research</i> , 2011 , 26, 860-866	2.5	32
10	Lithium Germanate (Li ₂ GeO ₅): A High-Performance Anode Material for Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 16059-16063	16.4	26
9	LiFePO ₄ /Fe ₂ P ₂ O ₇ composite cathode: An environmentally friendly promising electrode material for lithium-ion battery. <i>Journal of Power Sources</i> , 2012 , 206, 259-266	8.9	25
8	Self-assembled V ₂ O ₅ interconnected microspheres produced in a fish-water electrolyte medium as a high-performance lithium-ion-battery cathode. <i>Nano Research</i> , 2015 , 8, 3591-3603	10	24
7	Carbon coated Na ₇ Fe ₇ (PO ₄) ₆ F ₃ : A novel intercalation cathode for sodium-ion batteries. <i>Journal of Power Sources</i> , 2014 , 271, 497-503	8.9	16
6	Probing electrochemical reactivity in an Sb ₂ S ₃ -containing potassium-ion battery anode: observation of an increased capacity. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 11424-11434	13	16

5	Approaching Reactive KFePO ₄ Phase for Potassium Storage by Adopting an Advanced Design Strategy. <i>Batteries and Supercaps</i> , 2020 , 3, 450-455	5.6	15
4	production of a two-dimensional molybdenum disulfide/graphene hybrid nanosheet anode for lithium-ion batteries.. <i>RSC Advances</i> , 2020 , 10, 12754-12758	3.7	6
3	Additive-Free Nb ₂ O ₅ TiO ₂ Hybrid Anode towards Low-Cost and Safe Lithium-Ion Batteries: A Green Electrode Material Produced in an Environmentally Friendly Process. <i>Batteries and Supercaps</i> , 2019 , 2, 160-167	5.6	4
2	Strategies, design and synthesis of advanced nanostructured electrodes for rechargeable batteries. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 5897-5931	7.8	4
1	End-of-Life Photovoltaic Recycled Silicon: A Sustainable Circular Materials Source for Electronic Industries. <i>Advanced Energy and Sustainability Research</i> , 2021 , 2, 2100081	1.6	1