

Mahmud Tokur

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

315
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

501
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | A parametric study on encapsulation of elemental sulfur inside CNTs by sonically assisted capillary method: Cathodic material for rechargeable Li-S batteries. <i>Microporous and Mesoporous Materials</i> , 2022, 340, 112033. | 4.4 | 6 |
| 2 | Stress Bearing Mechanism of Reduced Graphene Oxide in Silicon-Based Composite Anodes for Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33855-33869. | 8.0 | 23 |
| 3 | Shoring Up the Lithium Ion Batteries with Multi-Component Silicon Yolk-Shell Anodes for Grid-Scale Storage Systems: Experimental and Computational Mechanical Studies. <i>Journal of the Electrochemical Society</i> , 2017, 164, A2238-A2250. | 2.9 | 17 |
| 4 | Electrochemical performance of Al-Ni/MWCNTs nanocomposite anode for Li-ion batteries: the effect of MWCNT amount. <i>Journal of Applied Electrochemistry</i> , 2016, 46, 735-743. | 2.9 | 5 |
| 5 | Closing to Scaling-Up High Reversible Si/rGO Nanocomposite Anodes for Lithium Ion Batteries. <i>Electrochimica Acta</i> , 2016, 216, 312-319. | 5.2 | 26 |
| 6 | Three-dimensional Sn rich Cu ₆ Sn ₅ negative electrodes for Li ion batteries. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 9819-9827. | 7.1 | 25 |
| 7 | Synthesis of flexible pure graphene papers and utilization as free standing cathodes for lithium-air batteries. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 9796-9802. | 7.1 | 20 |
| 8 | High capacity Graphene/±-MnO ₂ nanocomposite cathodes for Li-O ₂ batteries. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 9746-9754. | 7.1 | 31 |
| 9 | Free standing flexible graphene oxide + ±-MnO ₂ composite cathodes for Li-Air batteries. <i>Solid State Ionics</i> , 2016, 286, 34-39. | 2.7 | 39 |
| 10 | Stability effect of polymer-based additives on EMITFSI-LiTFSI electrolyte in lithium-air battery. <i>Solid State Ionics</i> , 2016, 286, 51-56. | 2.7 | 12 |
| 11 | Graphene supported ±-MnO ₂ nanocomposite cathodes for lithium ion batteries. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 6945-6953. | 7.1 | 30 |
| 12 | Structural and sliding wear properties of Ag/Graphene/WC hybrid nanocomposites produced by electroless co-deposition. <i>Journal of Alloys and Compounds</i> , 2016, 654, 185-195. | 5.5 | 48 |
| 13 | p-type LiCr _{0.33} V _{0.33} Mn _{0.33} O ₂ semiconductor as a cathode electrode for high rate Li-ion batteries. <i>Materials Science in Semiconductor Processing</i> , 2015, 38, 387-391. | 4.0 | 3 |
| 14 | Co-deposition of Cu/WC/graphene hybrid nanocomposites produced by electrophoretic deposition. <i>Surface and Coatings Technology</i> , 2015, 284, 344-352. | 4.8 | 30 |