Musa Ali Cambaz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4430402/publications.pdf

Version: 2024-02-01

15 papers	935 citations	623188 14 h-index	996533 15 g-index
15 all docs	15 docs citations	15 times ranked	1684 citing authors

#	Article	IF	Citations
1	Performance study of magnesiumâ€“sulfur battery using a graphene based sulfur composite cathode electrode and a non-nucleophilic Mg electrolyte. Nanoscale, 2016, 8, 3296-3306.	2.8	247
2	Interface in Solid-State Lithium Battery: Challenges, Progress, and Outlook. ACS Applied Materials & Interfaces, 2019, 11, 22029-22050.	4.0	200
3	Controlled synthesis of linear and branched Au@ZnO hybrid nanocrystals and their photocatalytic properties. Nanoscale, 2013, 5, 9944.	2.8	105
4	Overcoming the Interfacial Limitations Imposed by the Solidâ€“Solid Interface in Solidâ€State Batteries Using Ionic Liquidâ€Based Interlayers. Small, 2020, 16, e2000279.	5.2	75
5	Insights into the electrochemical processes of rechargeable magnesiumâ€“sulfur batteries with a new cathode design. Journal of Materials Chemistry A, 2019, 7, 25490-25502.	5.2	53
6	Electrochemical and compositional characterization of solid interphase layers in an interface-modified solid-state Liâ€“sulfur battery. Journal of Materials Chemistry A, 2020, 8, 16451-16462.	5.2	44
7	Design of Nickel-Based Cation-Disordered Rock-Salt Oxides: The Effect of Transition Metal (M = V, Ti,) Tj ETQq1 1 0.784314 rgBT /Ove Materials & Interfaces, 2018, 10, 21957-21964.	4.0	37
8	Nitrogen Rich Hierarchically Organized Porous Carbon/Sulfur Composite Cathode Electrode for High Performance Li/S Battery: A Mechanistic Investigation by Operando Spectroscopic Studies. Advanced Materials Interfaces, 2016, 3, 1600372.	1.9	36
9	Oxygen Activity in Li-Rich Disordered Rock-Salt Oxide and the Influence of LiNbO₃ Surface Modification on the Electrochemical Performance. Chemistry of Materials, 2019, 31, 4330-4340.	3.2	33
10	Suppressing Dissolution of Vanadium from Cation-Disordered Li_{2â€“x}VO₂F via a Concentrated Electrolyte Approach. Chemistry of Materials, 2019, 31, 7941-7950.	3.2	27
11	Design and Tuning of the Electrochemical Properties of Vanadium-Based Cation-Disordered Rock-Salt Oxide Positive Electrode Material for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 39848-39858.	4.0	21
12	Vanadium Oxyfluoride/Few-Layer Graphene Composite as a High-Performance Cathode Material for Lithium Batteries. Inorganic Chemistry, 2016, 55, 3789-3796.	1.9	20
13	Mechanical Milling Assisted Synthesis and Electrochemical Performance of High Capacity LiFeBO₃ for Lithium Batteries. ACS Applied Materials & Interfaces, 2016, 8, 2166-2172.	4.0	18
14	Understanding the Origin of Higher Capacity for Ni-Based Disordered Rock-Salt Cathodes. Chemistry of Materials, 2020, 32, 3447-3461.	3.2	16
15	Tungsten Oxytetrachloride as a Positive Electrode for Chlorideâ€Ion Batteries. Energy Technology, 2022, 10, .	1.8	3