

# Musa Ali Cambaz

## List of Publications by Year in descending order

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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	Tungsten Oxytetrachloride as a Positive Electrode for Chloride-Ion Batteries. <i>Energy Technology</i> , 2022, 10, .	1.8	3
2	Electrochemical and compositional characterization of solid interphase layers in an interface-modified solid-state Li-S sulfur battery. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16451-16462.	5.2	44
3	Understanding the Origin of Higher Capacity for Ni-Based Disordered Rock-Salt Cathodes. <i>Chemistry of Materials</i> , 2020, 32, 3447-3461.	3.2	16
4	Overcoming the Interfacial Limitations Imposed by the Solid-Solid Interface in Solid-State Batteries Using Ionic Liquid-Based Interlayers. <i>Small</i> , 2020, 16, e2000279.	5.2	75
5	Suppressing Dissolution of Vanadium from Cation-Disordered $\text{Li}_{2-x}\text{VO}_2\text{F}$ via a Concentrated Electrolyte Approach. <i>Chemistry of Materials</i> , 2019, 31, 7941-7950.	3.2	27
6	Design and Tuning of the Electrochemical Properties of Vanadium-Based Cation-Disordered Rock-Salt Oxide Positive Electrode Material for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 39848-39858.	4.0	21
7	Oxygen Activity in Li-Rich Disordered Rock-Salt Oxide and the Influence of $\text{LiNbO}_3$ Surface Modification on the Electrochemical Performance. <i>Chemistry of Materials</i> , 2019, 31, 4330-4340.	3.2	33
8	Interface in Solid-State Lithium Battery: Challenges, Progress, and Outlook. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 22029-22050.	4.0	200
9	Insights into the electrochemical processes of rechargeable magnesium-sulfur batteries with a new cathode design. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25490-25502.	5.2	53
10	Design of Nickel-Based Cation-Disordered Rock-Salt Oxides: The Effect of Transition Metal (M = V, Ti). <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21957-21964.	4.0	37
11	Vanadium Oxyfluoride/Few-Layer Graphene Composite as a High-Performance Cathode Material for Lithium Batteries. <i>Inorganic Chemistry</i> , 2016, 55, 3789-3796.	1.9	20
12	Nitrogen Rich Hierarchically Organized Porous Carbon/Sulfur Composite Cathode Electrode for High Performance Li/S Battery: A Mechanistic Investigation by Operando Spectroscopic Studies. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600372.	1.9	36
13	Mechanical Milling Assisted Synthesis and Electrochemical Performance of High Capacity $\text{LiFeBO}_3$ for Lithium Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 2166-2172.	4.0	18
14	Performance study of magnesium-sulfur battery using a graphene based sulfur composite cathode electrode and a non-nucleophilic Mg electrolyte. <i>Nanoscale</i> , 2016, 8, 3296-3306.	2.8	247
15	Controlled synthesis of linear and branched Au@ZnO hybrid nanocrystals and their photocatalytic properties. <i>Nanoscale</i> , 2013, 5, 9944.	2.8	105