

Runguo Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

193
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

35
citing authors

#	ARTICLE	IF	CITATIONS
1	Amorphous High-entropy Non-precious metal oxides with surface reconstruction toward highly efficient and durable catalyst for oxygen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 635-644.	9.4	42
2	Nanosized high entropy spinel oxide (FeCoNiCrMn) ₃ O ₄ as a highly active and ultra-stable electrocatalyst for the oxygen evolution reaction. <i>Sustainable Energy and Fuels</i> , 2022, 6, 1479-1488.	4.9	31
3	In-situ synthesis of niobium-doped TiO ₂ nanosheet arrays on double transition metal MXene (TiNbCT _x) as stable anode material for lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 147-155.	9.4	31
4	Boosting electrochemical reaction and suppressing phase transition with a high-entropy O ₃ -type layered oxide for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14943-14953.	10.3	29
5	Tuning the phase composition in polymorphic Nb ₂ O ₅ nanoplates for rapid and stable lithium ion storage. <i>Electrochimica Acta</i> , 2021, 399, 139368.	5.2	13
6	Construction of three-dimensional dynamic growth TGO (thermally grown oxide) model and stress simulation of 8YSZ thermal barrier coating. <i>Ceramics International</i> , 2022, 48, 5327-5337.	4.8	13
7	Covalent Pinning of Highly Dispersed Ultrathin Metallic-Phase Molybdenum Disulfide Nanosheets on the Inner Surface of Mesoporous Carbon Spheres for Durable and Rapid Sodium Storage. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 58652-58664.	8.0	13
8	Ultrathin Metallic-Phase Molybdenum Disulfide Nanosheets Stabilized on Functionalized Carbon Nanotubes Via Covalent Interface Interaction for Sodium- and Lithium-Ion Storage. <i>ACS Applied Energy Materials</i> , 2021, 4, 9440-9449.	5.1	11
9	Mechanical properties and electrical conductivity of nano-La ₂ O ₃ reinforced copper matrix composites fabricated by spark plasma sintering. <i>Materials Research Express</i> , 2019, 6, 106527.	1.6	5
10	Microstructure and Wear Properties of Cu/La ₂ O ₃ Composites Prepared by Spark Plasma Sintering. <i>Metals and Materials International</i> , 2021, 27, 1103-1112.	3.4	4
11	Hot compressive deformation behavior of Mg/Zn/Y/Zr alloy under low strain rate. <i>Materials Research Express</i> , 2019, 6, 126582.	1.6	1