

# Runguo Zheng

## List of Publications by Year in descending order

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11  
papers

193  
citations

1163117

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1281871

11  
g-index

11  
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11  
docs citations

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times ranked

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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	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
3	Nanosized high entropy spinel oxide (FeCoNiCrMn) <sub>3</sub> O <sub>4</sub> 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
4	In-situ synthesis of niobium-doped TiO <sub>2</sub> nanosheet arrays on double transition metal MXene (TiNbCTx) as stable anode material for lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 147-155.	9.4	31
5	Boosting electrochemical reaction and suppressing phase transition with a high-entropy O <sub>3</sub> -type layered oxide for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14943-14953.	10.3	29
6	Microstructure and Wear Properties of Cu/La <sub>2</sub> O <sub>3</sub> Composites Prepared by Spark Plasma Sintering. <i>Metals and Materials International</i> , 2021, 27, 1103-1112.	3.4	4
7	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
8	Tuning the phase composition in polymorphic Nb <sub>2</sub> O <sub>5</sub> nanoplates for rapid and stable lithium ion storage. <i>Electrochimica Acta</i> , 2021, 399, 139368.	5.2	13
9	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 &amp; Interfaces</i> , 2021, 13, 58652-58664.	8.0	13
10	Mechanical properties and electrical conductivity of nano-La <sub>2</sub> O <sub>3</sub> reinforced copper matrix composites fabricated by spark plasma sintering. <i>Materials Research Express</i> , 2019, 6, 106527.	1.6	5
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