

Zhongchen Lu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

277
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of SnS-Mo-graphene nanosheets composite for highly reversible and stable lithium/sodium storage. <i>Journal of Materials Science and Technology</i> , 2022, 121, 190-198.	10.7	11
2	Applications of Plasma-Assisted Systems for Advanced Electrode Material Synthesis and Modification. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13909-13919.	8.0	24
3	A Novel Repetitive High-Voltage Resonant Pulse Generator for Plasma-Assisted Milling. <i>IEEE Transactions on Plasma Science</i> , 2021, 49, 2350-2358.	1.3	8
4	Fabricating Ultrathin Plate-Like WC Grains in WC-8Co Hardmetals by Increasing Discharge Intensity During Plasma-Assisted Ball Milling. <i>Metals and Materials International</i> , 2020, 26, 1373-1384.	3.4	8
5	Enhancement of Wear Properties of Ultrafine-Structured Al-Sn Alloy-Embedded Sn Nanoparticles Through In Situ Synthesis. <i>Tribology Letters</i> , 2019, 67, 1.	2.6	20
6	Unveiling critical size of coarsened Sn nanograins for achieving high round-trip efficiency of reversible conversion reaction in lithiated SnO ₂ nanocrystals. <i>Nano Energy</i> , 2018, 45, 255-265.	16.0	80
7	Achieving high transverse rupture strength of WC-8Co hardmetals through forming plate-like WC grains by plasma assisted milling. <i>Materials Chemistry and Physics</i> , 2017, 190, 128-135.	4.0	16
8	Origin of Capacity Increasing in a Long-Life Ternary Sn-Fe ₃ O ₄ @Graphite Anode for Li-ion Batteries. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700113.	3.7	43
9	A spherical Sn-Fe ₃ O ₄ @graphite composite as a long-life and high-rate-capability anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10321-10328.	10.3	63
10	Rapid Synthesis of W-Cr Solid Solution by Dielectric-Barrier Discharge-Plasma-Assisted Ball Milling. <i>Metals and Materials International</i> , 0, , 1.	3.4	3
11	A novel approach to the rapid in situ synthesis of WC nanopowder by plasma milling and carbothermal reduction. <i>Advanced Engineering Materials</i> , 0, , .	3.5	1