

Chanwon Jung

List of Publications by Year in descending order

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14
papers

467
citations

840776

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1058476

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all docs

15
docs citations

15
times ranked

676
citing authors

#	ARTICLE	IF	CITATIONS
1	Atom Probe Tomography: Unveiling the Elemental Distribution in Nanostructured Materials With Near-Atomic Resolution. , 2022, , 641-647.		0
2	Atom probe analysis of electrode materials for Li-ion batteries: challenges and ways forward. Journal of Materials Chemistry A, 2022, 10, 4926-4935.	10.3	20
3	Atomically ordered Pt ₃ Mn intermetallic electrocatalysts for the oxygen reduction reaction in fuel cells. Journal of Materials Chemistry A, 2022, 10, 7399-7408.	10.3	26
4	Kinetic stabilization of a topotactically transformed texture morphology <i>via</i> doping in Ni-rich lithium layered oxides. Journal of Materials Chemistry A, 2022, 10, 13735-13743.	10.3	3
5	Improved strength of a medium-Mn steel by V addition without sacrificing ductility. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 802, 140681.	5.6	27
6	Tailoring nanostructured NbCoSn-based thermoelectric materials via crystallization of an amorphous precursor. Nano Energy, 2021, 80, 105518.	16.0	19
7	Atom Probe Tomography Investigations of Ag Nanoparticles Embedded in Pulse-Electrodeposited Ni Films. Microscopy and Microanalysis, 2021, 27, 1007-1016.	0.4	4
8	Three-dimensional atomic mapping of ligands on palladium nanoparticles by atom probe tomography. Nature Communications, 2021, 12, 4301.	12.8	16
9	Mechanisms of extrinsic alkali incorporation in CIGS solar cells on flexible polyimide elucidated by nanoscale and quantitative analyses. Nano Energy, 2020, 67, 104201.	16.0	35
10	Atomically Embedded Ag via Electrodifffusion Boosts Oxygen Evolution of CoOOH Nanosheet Arrays. ACS Catalysis, 2020, 10, 562-569.	11.2	93
11	Passivation of Deep-Level Defects by Cesium Fluoride Post-Deposition Treatment for Improved Device Performance of Cu(In,Ga)Se ₂ Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 35653-35660.	8.0	41
12	Effects of phase composition and elemental partitioning on soft magnetic properties of AlFeCoCrMn high entropy alloys. Acta Materialia, 2019, 171, 31-39.	7.9	60
13	Effects of shell thickness on Ag-Cu ₂ O core-shell nanoparticles with bumpy structures for enhancing photocatalytic activity and stability. Catalysis Today, 2018, 303, 313-319.	4.4	41
14	Synthesis of Chemically Ordered Pt ₃ Fe/C Intermetallic Electrocatalysts for Oxygen Reduction Reaction with Enhanced Activity and Durability via a Removable Carbon Coating. ACS Applied Materials & Interfaces, 2017, 9, 31806-31815.	8.0	81