

Chanwon Jung

List of Publications by Year in descending order

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14
papers

467
citations

840776

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h-index

1058476

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15
docs citations

15
times ranked

676
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomically Embedded Ag via Electrodifffusion Boosts Oxygen Evolution of CoOOH Nanosheet Arrays. ACS Catalysis, 2020, 10, 562-569.	11.2	93
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Tailoring nanostructured NbCoSn-based thermoelectric materials via crystallization of an amorphous precursor. Nano Energy, 2021, 80, 105518.	16.0	19
11	Three-dimensional atomic mapping of ligands on palladium nanoparticles by atom probe tomography. Nature Communications, 2021, 12, 4301.	12.8	16
12	Atom Probe Tomography Investigations of Ag Nanoparticles Embedded in Pulse-Electrodeposited Ni Films. Microscopy and Microanalysis, 2021, 27, 1007-1016.	0.4	4
13	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
14	Atom Probe Tomography: Unveiling the Elemental Distribution in Nanostructured Materials With Near-Atomic Resolution. , 2022, , 641-647.		0