

Jae Young Seok

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

336
citations

840776

11
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

569
citing authors

#	ARTICLE	IF	CITATIONS
1	High-energy, flexible micro-supercapacitors by one-step laser fabrication of a self-generated nanoporous metal/oxide electrode. Journal of Materials Chemistry A, 2017, 5, 24585-24593.	10.3	71
2	Transversally Extended Laser Plasmonic Welding for Oxidation-Free Copper Fabrication toward High-Fidelity Optoelectronics. Chemistry of Materials, 2016, 28, 4151-4159.	6.7	56
3	Flash-Induced Stretchable Cu Conductor via Multiscale-Interfacial Couplings. Advanced Science, 2018, 5, 1801146.	11.2	36
4	Flash-induced ultrafast recrystallization of perovskite for flexible light-emitting diodes. Nano Energy, 2019, 61, 236-244.	16.0	34
5	A Novel Blade-Jet Coating Method for Achieving Ultrathin, Uniform Film toward All-Solution-Processed Large-Area Organic Light-Emitting Diodes. Advanced Materials Technologies, 2016, 1, 1600029.	5.8	22
6	Self-Generated Nanoporous Silver Framework for High-Performance Iron Oxide Pseudocapacitor Anodes. ACS Applied Materials & Interfaces, 2018, 10, 17223-17231.	8.0	21
7	A 2D Ultrathin Nanopatterned Interlayer to Suppress Lithium Dendrite Growth in High-Energy Lithium-Metal Anodes. Advanced Materials, 2022, 34, .	21.0	18
8	Ultrafine Copper Nanopalm Tree-Like Framework Decorated with Iron Oxide for Li-Ion Battery Anodes with Exceptional Rate Capability and Cycling Stability. Advanced Energy Materials, 2019, 9, 1803764.	19.5	17
9	Control of thermal deformation with photonic sintering of ultrathin nanowire transparent electrodes. Nanoscale, 2020, 12, 2366-2373.	5.6	17
10	Roll-to-Roll Reverse-Offset Printing Combined with Photonic Sintering Process for Highly Conductive Ultrafine Patterns. Advanced Engineering Materials, 2020, 22, 2000463.	3.5	16
11	Hierarchically Porous Carbon Nanofibers with Controllable Porosity Derived from Iodinated Polyvinyl Alcohol for Supercapacitors. Advanced Materials Interfaces, 2020, 7, 2000513.	3.7	16
12	Strategically Controlled Flash Irradiation on Silicon Anode for Enhancing Cycling Stability and Rate Capability toward High-Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 15205-15215.	8.0	4
13	Facile Fabrication of High-Performance Hybrid Supercapacitor by One-Step, Self-Grown Copper Nanopillar Forest Anchored with Fe ₃ O ₄ Anode. International Journal of Precision Engineering and Manufacturing - Green Technology, 2022, 9, 213-223.	4.9	4
14	Flashlight-Induced Strong Self-Adhesive Surface on a Nanowire-Impregnated Transparent Conductive Film. ACS Applied Materials & Interfaces, 2021, 13, 40062-40069.	8.0	4
15	Li-Ion Batteries: Ultrafine Copper Nanopalm Tree-Like Framework Decorated with Iron Oxide for Li-Ion Battery Anodes with Exceptional Rate Capability and Cycling Stability (Adv. Energy Mater. 13/2019). Advanced Energy Materials, 2019, 9, 1970039.	19.5	0