

An Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12143762/publications.pdf>

Version: 2024-02-01

9
papers

525
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

930
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro/nano acoustofluidics: materials, phenomena, design, devices, and applications. Lab on A Chip, 2018, 18, 1952-1996.	6.0	198
2	A review on mechanistic understanding of MnO ₂ in aqueous electrolyte for electrical energy storage systems. International Materials Reviews, 2020, 65, 356-387.	19.3	121
3	Effect of Multiple Cation Electrolyte Mixtures on Rechargeable Zn-MnO ₂ Alkaline Battery. Chemistry of Materials, 2016, 28, 4536-4545.	6.7	116
4	Enabling Rapid Charging Lithium Metal Batteries via Surface Acoustic Wave-Driven Electrolyte Flow. Advanced Materials, 2020, 32, e1907516.	21.0	35
5	Practical microcircuits for handheld acoustofluidics. Lab on A Chip, 2021, 21, 1352-1363.	6.0	20
6	The Vibration Behavior of Sub-Micrometer Gas Vesicles in Response to Acoustic Excitation Determined via Laser Doppler Vibrometry. Advanced Functional Materials, 2020, 30, 2000239.	14.9	15
7	Effects of Tris(Pentafluorophenyl) Borane (TPFPB) as an Electrolyte Additive on the Cycling Performance of LiFePO ₄ Batteries. Journal of the Electrochemical Society, 2013, 160, A684-A689.	2.9	14
8	Driving useful morphological changes in magnetic nanoparticle structures through the application of acoustic waves and magnetic fields. Applied Physics Letters, 2018, 113, 034103.	3.3	6
9	Lithium-Metal Batteries: Enabling Rapid Charging Lithium Metal Batteries via Surface Acoustic Wave-Driven Electrolyte Flow (Adv. Mater. 14/2020). Advanced Materials, 2020, 32, 2070108.	21.0	0