

An Huang

List of Publications by Year in descending order

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

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