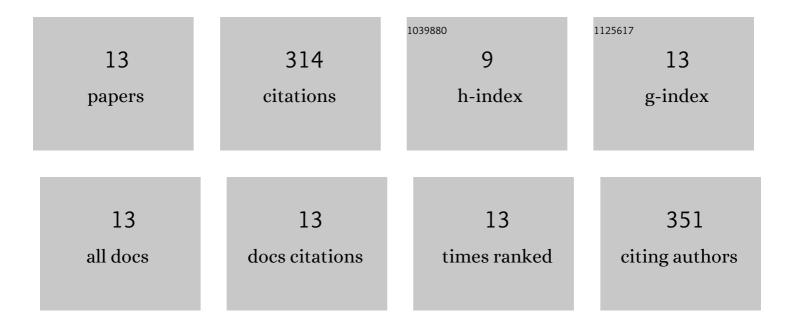
Haoyang Peng

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6697002/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The Highâ€Pressure Processed Cu ₂ S: Phase Intergrowth with Strained Lamella Leading to an Improved Thermoelectric Performance. Advanced Electronic Materials, 2022, 8, 2100835.	2.6	5
2	Interfacial gliding-driven lattice oxygen release in layered cathodes. Cell Reports Physical Science, 2022, 3, 100695.	2.8	5
3	The Coupling of Local Strain and K ⁺ â€lon Release Induced Phase Transition Heterogeneity in Tunnel MnO ₂ . Advanced Functional Materials, 2022, 32, .	7.8	11
4	Enhanced lithiation dynamics in nanostructured Nb18W16O93 anodes. Journal of Power Sources, 2021, 482, 228898.	4.0	15
5	Insight of reaction mechanism and anionic redox behavior for Li-rich and Mn-based oxide materials from local structure. Nano Energy, 2021, 83, 105812.	8.2	24
6	Direct Visualization of Atomic-Scale Heterogeneous Structure Dynamics in MnO ₂ Nanowires. ACS Applied Materials & Interfaces, 2021, 13, 33644-33651.	4.0	9
7	A New Germanium-Based Anode Material with High Stability for Lithium-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2021, 9, 11883-11890.	3.2	12
8	Molten-salt-assisted thermal emitting method to transform bulk Fe2O3 into Fe single atom catalysts for oxygen reduction reaction in Zn-air battery. Chemical Engineering Journal, 2021, 420, 129713.	6.6	26
9	Phaseâ€Transformationâ€Induced Giant Deformation in Thermoelectric Ag ₂ Se Semiconductor. Advanced Functional Materials, 2021, 31, 2106938.	7.8	13
10	Serial cracking in Van der Waals layered electrodes mediated by electrochemical reaction and mechanical deformation. Cell Reports Physical Science, 2021, 2, 100642.	2.8	3
11	Electroresistance in multipolar antiferroelectric Cu2Se semiconductor. Nature Communications, 2021, 12, 7207.	5.8	7
12	Origin of the extra capacity in nitrogen-doped porous carbon nanofibers for high-performance potassium ion batteries. Journal of Materials Chemistry A, 2020, 8, 18079-18086.	5.2	40
13	High-Voltage Cycling Induced Thermal Vulnerability in LiCoO ₂ Cathode: Cation Loss and Oxygen Release Driven by Oxygen Vacancy Migration, ACS Nano, 2020, 14, 6181-6190.	7.3	144