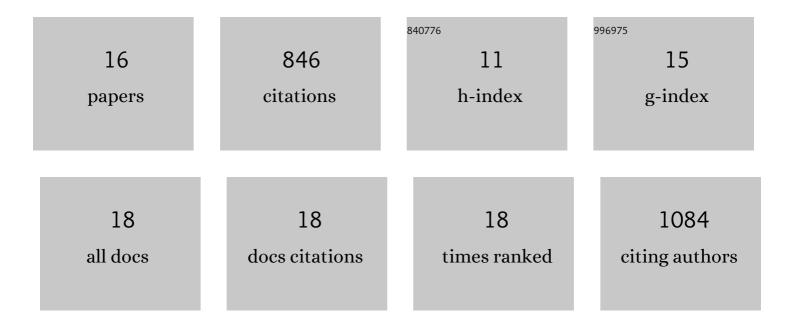
Duanyun Cao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4306042/publications.pdf Version: 2024-02-01



ΟΠΑΝΥΠΝ CAO

#	Article	IF	CITATIONS
1	The effect of hydration number on the interfacial transport of sodium ions. Nature, 2018, 557, 701-705.	27.8	205
2	Surface coordination layer passivates oxidation of copper. Nature, 2020, 586, 390-394.	27.8	154
3	Atomic imaging of the edge structure and growth of a two-dimensional hexagonal ice. Nature, 2020, 577, 60-63.	27.8	149
4	Weakly perturbative imaging of interfacial water with submolecular resolution by atomic force microscopy. Nature Communications, 2018, 9, 122.	12.8	105
5	The Pentagonal Nature of Self-Assembled Silicon Chains and Magic Clusters on Ag(110). Nano Letters, 2018, 18, 2937-2942.	9.1	52
6	Visualizing Eigen/Zundel cations and their interconversion in monolayer water on metal surfaces. Science, 2022, 377, 315-319.	12.6	47
7	A Universal Method for Enhancing the Structural Stability of Ni-Rich Cathodes Via the Synergistic Effect of Dual-Element Cosubstitution. ACS Applied Materials & Interfaces, 2021, 13, 24925-24936.	8.0	43
8	Unrevealing the effects of low temperature on cycling life of 21700-type cylindrical Li-ion batteries. Journal of Energy Chemistry, 2021, 60, 104-110.	12.9	31
9	High-Temperature Storage Deterioration Mechanism of Cylindrical 21700-Type Batteries Using Ni-Rich Cathodes under Different SOCs. ACS Applied Materials & Interfaces, 2021, 13, 6286-6297.	8.0	17
10	Robustness of Bilayer Hexagonal Ice against Surface Symmetry and Corrugation. Physical Review Letters, 2022, 129, .	7.8	14
11	Advances in Atomic Force Microscopy: Weakly Perturbative Imaging of the Interfacial Water. Frontiers in Chemistry, 2019, 7, 626.	3.6	13
12	Sublimated Seâ€Induced Formation of Dualâ€Conductive Surface Layers for Highâ€Performance Niâ€Rich Layered Cathodes. ChemElectroChem, 2021, 8, 4207-4217.	3.4	7
13	Advances in Atomic Force Microscopy: Imaging of Two- and Three-Dimensional Interfacial Water. Frontiers in Chemistry, 2021, 9, 745446.	3.6	5
14	Probing the intermolecular coupled vibrations in a water cluster with inelastic electron tunneling spectroscopy. Journal of Chemical Physics, 2020, 152, 234301.	3.0	2
15	Atomic Insight into the Interfacial Effect on the Molecular Solvation. Journal of Physical Chemistry C, 0, , .	3.1	1
16	Cu(110)è¡¨é¢æ°´å›¢ç°‡äºšå^†å级æ^åƒęš"原å力æ~¾å¾®é•œç"ç©¶. Scientia Sinica Chimica, 2022, , .	0.4	0