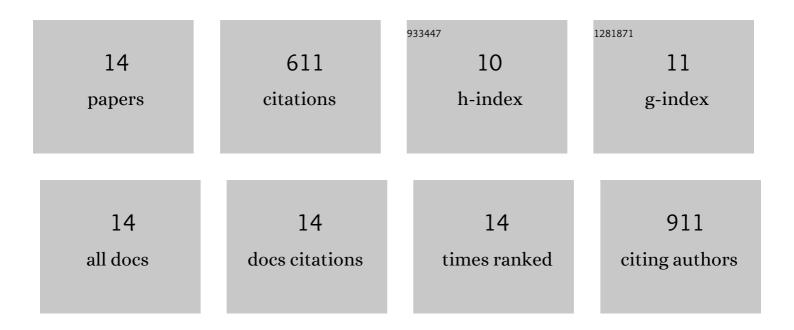
## Lianfeng Zou

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9500682/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Advanced Electrolytes for Fastâ€Charging Highâ€Voltage Lithiumâ€Ion Batteries in Wideâ€Temperature Range. Advanced Energy Materials, 2020, 10, 2000368.	19.5	159
2	Atomic origins of water-vapour-promoted alloy oxidation. Nature Materials, 2018, 17, 514-518.	27.5	106
3	Dislocation nucleation facilitated by atomicÂsegregation. Nature Materials, 2018, 17, 56-63.	27.5	99
4	In situ atomic-scale imaging of the metal/oxide interfacial transformation. Nature Communications, 2017, 8, 307.	12.8	79
5	Electrolyte Regulating toward Stabilization of Cobalt-Free Ultrahigh-Nickel Layered Oxide Cathode in Lithium-Ion Batteries. ACS Energy Letters, 2021, 6, 1324-1332.	17.4	53
6	In situ atomic scale visualization of surface kinetics driven dynamics of oxide growth on a Ni–Cr surface. Chemical Communications, 2016, 52, 3300-3303.	4.1	38
7	Toward the Practical Use of Cobalt-Free Lithium-Ion Batteries by an Advanced Ether-Based Electrolyte. ACS Applied Materials & Interfaces, 2021, 13, 44339-44347.	8.0	24
8	Sulfone-based electrolytes for high energy density lithium-ion batteries. Journal of Power Sources, 2022, 527, 231171.	7.8	21
9	Segregation induced order-disorder transition in Cu(Au) surface alloys. Acta Materialia, 2018, 154, 220-227.	7.9	11
10	Atomic-scale phase separation induced clustering of solute atoms. Nature Communications, 2020, 11, 3934.	12.8	11
11	Atomically Visualizing Elemental Segregation-Induced Surface Alloying and Restructuring. Journal of Physical Chemistry Letters, 2017, 8, 6035-6040.	4.6	10
12	Low-Temperature Solution Synthesis of Zinc Oxide Nanotubes. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2013, 43, 1501-1505.	0.6	0
13	In-situ Atomic-Resolution Observations of Oxide-Reduction Induced Formation of Nano-Holes in Cu2O Thin Films. Microscopy and Microanalysis, 2018, 24, 1816-1817.	0.4	0
14	In-situ Atomic-scale Imaging of Surface Segregation in Alloys. Microscopy and Microanalysis, 2020, 26, 1864-1866.	0.4	0