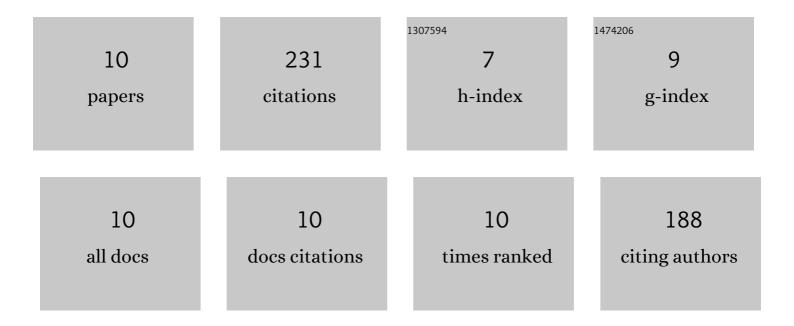
## Xiaokang Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5093953/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Chemomechanics of Rechargeable Batteries: Status, Theories, and Perspectives. Chemical Reviews, 2022, 122, 13043-13107.	47.7	59
2	Mechanical breathing in organic electrochromics. Nature Communications, 2020, 11, 211.	12.8	44
3	Roll to roll manufacturing of fast charging, mechanically robust 0D/2D nanolayered Si-graphene anode with well-interfaced and defect engineered structures. Energy Storage Materials, 2019, 22, 450-460.	18.0	31
4	Mechanically robust and self-healable perovskite solar cells. Cell Reports Physical Science, 2021, 2, 100320.	5.6	29
5	Printing dynamic color palettes and layered textures through modeling-guided stacking of electrochromic polymers. Materials Horizons, 2022, 9, 425-432.	12.2	18
6	Improving Electrochemical Cycling Stability of Conjugated Yellow-to-Transmissive Electrochromic Polymers by Regulating Effective Overpotentials. , 2022, 4, 336-342.		15
7	Enhanced Wear Resistance of the Ultrastrong Ultrasonic Shot-Peened M50 Bearing Steel with Gradient Nanograins. Metals, 2022, 12, 424.	2.3	13
8	In Situ Measurement of Breathing Strain and Mechanical Degradation in Organic Electrochromic Polymers. ACS Applied Materials & Interfaces, 2020, 12, 50889-50895.	8.0	12
9	Modelling and analysis of the oxide growth coupling behaviour of thermal barrier coatings. Journal of Materials Science, 2019, 54, 10270-10283.	3.7	7
10	Doping kinetics in organic mixed ionic–electronic conductors: Moving front experiments and the stress effect. Extreme Mechanics Letters, 2022, 54, 101739.	4.1	3