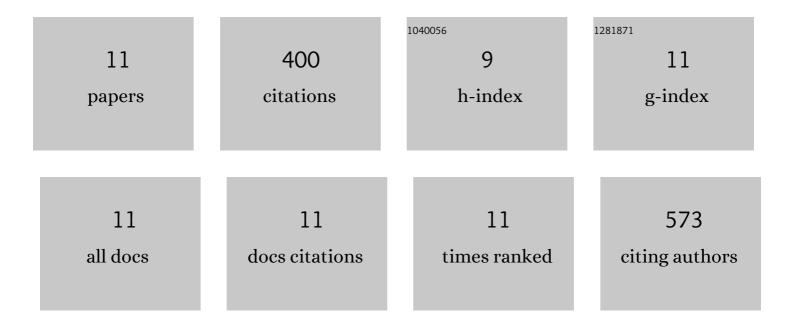
## Lude Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1197552/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Layered Oxide Cathodes Promoted by Structure Modulation Technology for Sodiumâ€ion Batteries. Advanced Functional Materials, 2020, 30, 2001334.	14.9	142
2	Transition Metal Dichalcogenides for Sensing and Oncotherapy: Status, Challenges, and Perspective. Advanced Functional Materials, 2021, 31, 2004408.	14.9	49
3	Solution-gated transistors of two-dimensional materials for chemical and biological sensors: status and challenges. Nanoscale, 2020, 12, 11364-11394.	5.6	41
4	Sensing Applications of Atomically Thin Group IV Carbon Siblings Xenes: Progress, Challenges, and Prospects. Advanced Functional Materials, 2021, 31, 2005957.	14.9	37
5	Semiconducting quantum dots: Modification and applications in biomedical science. Science China Materials, 2020, 63, 1631-1650.	6.3	33
6	Recent advances on TMDCs for medical diagnosis. Biomaterials, 2021, 269, 120471.	11.4	30
7	Heterostructures of titanium-based MXenes in energy conversion and storage devices. Journal of Materials Chemistry C, 2021, 9, 8395-8465.	5.5	30
8	Quantum tunneling in two-dimensional van der Waals heterostructures and devices. Science China Materials, 2021, 64, 2359-2387.	6.3	15
9	Advanced Devices for Tumor Diagnosis and Therapy. Small, 2021, 17, 2100003.	10.0	14
10	Colloidal semiconductor nanocrystals: synthesis, optical nonlinearity, and related device applications. Journal of Materials Chemistry C, 2021, 9, 6686-6721.	5.5	8
11	A mixed-dimensional WS2/GaSb heterojunction for high-performance p–n diodes and junction field-effect transistors. Journal of Materials Chemistry C, 2022, 10, 1511-1516.	5.5	1