

Tianxiao Xiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4795687/publications.pdf>

Version: 2024-02-01

10
papers

563
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

768
citing authors

#	ARTICLE	IF	CITATIONS
1	Stretchable Triboelectricâ€“Photonic Smart Skin for Tactile and Gesture Sensing. <i>Advanced Materials</i> , 2018, 30, e1800066.	21.0	205
2	Triboelectric Nanogenerator Networks Integrated with Power Management Module for Water Wave Energy Harvesting. <i>Advanced Functional Materials</i> , 2019, 29, 1807241.	14.9	190
3	Ultrathin Piezotronic Transistors with 2 nm Channel Lengths. <i>ACS Nano</i> , 2018, 12, 4903-4908.	14.6	63
4	Sodium Dodecylbenzene Sulfonate Interface Modification of Methylammonium Lead Iodide for Surface Passivation of Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52643-52651.	8.0	25
5	Singleâ€“Layered Reflective Metasurface Achieving Simultaneous Spinâ€“Selective Perfect Absorption and Efficient Wavefront Manipulation. <i>Advanced Optical Materials</i> , 2021, 9, 2001663.	7.3	25
6	Multistate Nonvolatile Metamirrors with Tunable Optical Chirality. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45890-45897.	8.0	22
7	The Influence of CsBr on Crystal Orientation and Optoelectronic Properties of MAPbI ₃ -Based Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2958-2967.	8.0	18
8	Single-layered phase-change metasurfaces achieving efficient wavefront manipulation and reversible chiral transmission. <i>Optics Express</i> , 2022, 30, 1337.	3.4	6
9	Wafer-scale self-assembled 2.5D metasurface for efficient near-field and far-field electromagnetic manipulation. <i>Applied Surface Science</i> , 2022, 601, 154244.	6.1	6
10	Reconfigurable phase-change metasurfaces from efficient wavefront manipulation to perfect absorption. <i>Journal of Materials Science</i> , 2022, 57, 5426-5437.	3.7	3