

Qi Zhang

List of Publications by Year in descending order

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papers

441
citations

933447

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1281871

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11
docs citations

11
times ranked

884
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth of Nb-Doped Monolayer WS ₂ by Liquid-Phase Precursor Mixing. ACS Nano, 2019, 13, 10768-10775.	14.6	102
2	Photoluminescence Upconversion by Defects in Hexagonal Boron Nitride. Nano Letters, 2018, 18, 6898-6905.	9.1	76
3	Optoelectronic Properties of a van der Waals WS ₂ Monolayer/2D Perovskite Vertical Heterostructure. ACS Applied Materials & Interfaces, 2020, 12, 45235-45242.	8.0	49
4	High-Energy Gain Upconversion in Monolayer Tungsten Disulfide Photodetectors. Nano Letters, 2019, 19, 5595-5603.	9.1	41
5	The Role of Oxygen Atoms on Excitons at the Edges of Monolayer WS ₂ . Nano Letters, 2019, 19, 4641-4650.	9.1	39
6	Controlled Aqueous Synthesis of 2D Hybrid Perovskites with Bright Room-Temperature Long-Lived Luminescence. Journal of Physical Chemistry Letters, 2019, 10, 2869-2873.	4.6	34
7	Defect Heterogeneity in Monolayer WS ₂ Unveiled by Work Function Variance. Chemistry of Materials, 2019, 31, 7970-7978.	6.7	31
8	Excitonic Energy Transfer in Heterostructures of Quasi-2D Perovskite and Monolayer WS ₂ . ACS Nano, 2020, 14, 11482-11489.	14.6	31
9	Impurity-Induced Emission in Re-Doped WS ₂ Monolayers. Nano Letters, 2021, 21, 5293-5300.	9.1	21
10	In-Plane Anisotropic Nonlinear Optical Properties of Two-Dimensional Organic-Inorganic Hybrid Perovskite. Journal of Physical Chemistry Letters, 2021, 12, 7010-7018.	4.6	14
11	Dynamic Tuning of Moiré Superlattice Morphology by Laser Modification. ACS Nano, 2022, 16, 8172-8180.	14.6	3