

# Xianglian Song

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Lithography-free IR polarization converters via orthogonal in-plane phonons in $\hat{\pm}$ -MoO <sub>3</sub> flakes. Nature Communications, 2020, 11, 5771.	12.8	54
2	Biaxial hyperbolic metamaterials using anisotropic few-layer black phosphorus. Optics Express, 2018, 26, 5469.	3.4	40
3	Tunable polaritonic metasurface absorbers in mid-IR based on hexagonal boron nitride and vanadium dioxide layers. Journal Physics D: Applied Physics, 2019, 52, 164002.	2.8	30
4	Polarization Reflector/Color Filter at Visible Frequencies via Anisotropic $\hat{\pm}$ -MoO <sub>3</sub> . Advanced Optical Materials, 2020, 8, 2000088.	7.3	30
5	Phonon-polariton assisted broadband resonant absorption in anisotropic $\hat{\pm}$ -phase $\text{MoO}_3$ nanostructures. Physical Review B, 2020, 102, .	3.2	27
6	Tunable multi-wavelength absorption in mid-IR region based on a hybrid patterned graphene-hBN structure. Optics Express, 2019, 27, 23576.	3.4	26
7	Triple-Band Anisotropic Perfect Absorbers Based on $\hat{\pm}$ -Phase MoO <sub>3</sub> Metamaterials in Visible Frequencies. Nanomaterials, 2021, 11, 2061.	4.1	15
8	Polarization dependent, plasmon-enhanced infrared transmission through gold nanoslits on monolayer black phosphorus. Journal of the Optical Society of America B: Optical Physics, 2019, 36, F109.	2.1	12
9	Enhanced Interaction of Optical Phonons in h-BN with Plasmonic Lattice and Cavity Modes. ACS Applied Materials & Interfaces, 2021, 13, 25224-25233.	8.0	8