

# Hongyuan Li

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tunable Orbital Ferromagnetism at Noninteger Filling of a Moiré Superlattice. Nano Letters, 2022, 22, 238-245.	9.1	17
2	Spectroscopy signatures of electron correlations in a trilayer graphene/hBN moiré superlattice. Science, 2022, 375, 1295-1299.	12.6	30
3	Visualization of the flat electronic band in twisted bilayer graphene near the magic angle twist. Nature Physics, 2021, 17, 184-188.	16.7	93
4	Imaging moiré flat bands in three-dimensional reconstructed WSe <sub>2</sub> /WS <sub>2</sub> superlattices. Nature Materials, 2021, 20, 945-950.	27.5	118
5	Nanoimaging of Low-Loss Plasmonic Waveguide Modes in a Graphene Nanoribbon. Nano Letters, 2021, 21, 3106-3111.	9.1	16
6	Visualizing delocalized correlated electronic states in twisted double bilayer graphene. Nature Communications, 2021, 12, 2516.	12.8	30
7	Efficient Fizeau drag from Dirac electrons in monolayer graphene. Nature, 2021, 594, 517-521.	27.8	48
8	Imaging local discharge cascades for correlated electrons in WS <sub>2</sub> /WSe <sub>2</sub> moiré superlattices. Nature Physics, 2021, 17, 1114-1119.	16.7	36
9	Gate-tunable plasmons in mixed-dimensional van der Waals heterostructures. Nature Communications, 2021, 12, 5039.	12.8	20
10	Imaging two-dimensional generalized Wigner crystals. Nature, 2021, 597, 650-654.	27.8	147
11	Tunable Cherenkov Radiation of Phonon Polaritons in Silver Nanowire/Hexagonal Boron Nitride Heterostructures. Nano Letters, 2020, 20, 2770-2777.	9.1	19
12	Tunable correlated Chern insulator and ferromagnetism in a moiré superlattice. Nature, 2020, 579, 56-61.	27.8	425
13	Global Control of Stacking-Order Phase Transition by Doping and Electric Field in Few-Layer Graphene. Nano Letters, 2020, 20, 3106-3112.	9.1	39
14	Signatures of tunable superconductivity in a trilayer graphene moiré superlattice. Nature, 2019, 572, 215-219.	27.8	458
15	Evidence of a gate-tunable Mott insulator in a trilayer graphene moiré superlattice. Nature Physics, 2019, 15, 237-241.	16.7	436
16	Phonon Polariton-assisted Infrared Nanoimaging of Local Strain in Hexagonal Boron Nitride. Nano Letters, 2019, 19, 1982-1989.	9.1	52
17	Electrode-Free Anodic Oxidation Nanolithography of Low-Dimensional Materials. Nano Letters, 2018, 18, 8011-8015.	9.1	40