

Hongyuan Li

List of Publications by Year in descending order

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17
papers

2,033
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516710

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839539

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19
docs citations

19
times ranked

1996
citing authors

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