

Yilei Li

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

9,546
citations

623188

14
h-index

940134

16
g-index

18
all docs

18
docs citations

18
times ranked

13493
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomically thin p-n junctions with van der Waals heterointerfaces. Nature Nanotechnology, 2014, 9, 676-681.	15.6	1,953
2	Exciton Binding Energy and Nonhydrogenic Rydberg Series in Monolayer WS_2 Physical Review Letters, 2014, 113, 076802.	2.9	1,814
3	Piezoelectricity of single-atomic-layer MoS ₂ for energy conversion and piezotronics. Nature, 2014, 514, 470-474.	13.7	1,762
4	Measurement of the optical dielectric function of monolayer transition-metal dichalcogenides: MoS ₂ and MoSe ₂ Physical Review Letters, 2014, 113, 266804.	1.1	1,017
5	Probing Symmetry Properties of Few-Layer MoS ₂ and h-BN by Optical Second-Harmonic Generation. Nano Letters, 2013, 13, 3329-3333.	4.5	848
6	High-harmonic generation from an atomically thin semiconductor. Nature Physics, 2017, 13, 262-265.	6.5	514
7	Valley Splitting and Polarization by the Zeeman Effect in Monolayer MoSe ₂ Physical Review Letters, 2014, 113, 266804.	2.9	395
8	Bright visible light emission from graphene. Nature Nanotechnology, 2015, 10, 676-681.	15.6	284
9	Probing Interlayer Interactions in Transition Metal Dichalcogenide Heterostructures by Optical Spectroscopy: MoS ₂ /WS ₂ and MoSe ₂ /WSe ₂ . Nano Letters, 2015, 15, 5033-5038.	4.5	277
10	Measurement of Lateral and Interfacial Thermal Conductivity of Single- and Bilayer MoS ₂ and MoSe ₂ Using Refined Optothermal Raman Technique. ACS Applied Materials & Interfaces, 2015, 7, 25923-25929.	4.0	275
11	Graphene Plasmon Enhanced Vibrational Sensing of Surface-Adsorbed Layers. Nano Letters, 2014, 14, 1573-1577.	4.5	211
12	Ultrasensitive Plasmonic Detection of Molecules with Graphene. ACS Photonics, 2016, 3, 553-557.	3.2	104
13	Evolution of the Raman spectrum of graphene grown on copper upon oxidation of the substrate. Nano Research, 2014, 7, 1613-1622.	5.8	63
14	Photonic and Plasmonic Guided Modes in Graphene-Silicon Photonic Crystals. ACS Photonics, 2015, 2, 1552-1558.	3.2	23
15	Valley Splitting and Polarization by Zeeman Effect in Monolayer MoSe ₂ . Springer Theses, 2016, , 55-64.	0.0	5
16	Measurement of the Second-Order Nonlinear Susceptibility and Probing Symmetry Properties of Few-Layer MoS ₂ and h-BN by Optical Second-Harmonic Generation. Springer Theses, 2016, , 45-54.	0.0	1
17	Coupling of Strongly Localized Graphene Plasmons to Molecular Vibrations. Springer Theses, 2016, , 19-28.	0.0	0
18	Photonic and plasmonic guided modes in graphene-silicon photonic crystals. , 2016, , .		0