# Yilei Li

## List of Publications by Year in descending order



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|---|---|---|---|
| 18 papers | 9,546 citations | 623734 14 h-index | 940533 16 g-index |
| 18 all docs | 18 docs citations | 18 times ranked | 13493 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Atomically thin pâ€“n junctions with van der Waals heterointerfaces. Nature Nanotechnology, 2014, 9, 676-681. | 31.5 | 1,953 |
| 2 | Exciton Binding Energy and Nonhydrogenic Rydberg Series in Monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>WS</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></m Physical Review Letters, 2014, 113, 076802. | 7.8 | 1,814 |
| 3 | Piezoelectricity of single-atomic-layer MoS2 for energy conversion and piezotronics. Nature, 2014, 514, 470-474. | 27.8 | 1,762 |
| 4 | Measurement of the optical dielectric function of monolayer transition-metal dichalcogenides:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoS</mml:mi><mml:mn>2</mml:mn></mml:msub></mm xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Mo</mml:mi><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>,<mml:math | 3.2 | 1,017 |
| 5 | Probing Symmetry Properties of Few-Layer MoS<sub>2</sub> and h-BN by Optical Second-Harmonic Generation. Nano Letters, 2013, 13, 3329-3333. | 9.1 | 848 |
| 6 | High-harmonic generation from an atomically thin semiconductor. Nature Physics, 2017, 13, 262-265. | 16.7 | 514 |
| 7 | Valley Splitting and Polarization by the Zeeman Effect in Monolayer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mi> Physical Review Letters, 2014, 113, 266804. | 7.8 | 395 |
| 8 | Bright visible light emission from graphene. Nature Nanotechnology, 2015, 10, 676-681. | 31.5 | 284 |
| 9 | Probing Interlayer Interactions in Transition Metal Dichalcogenide Heterostructures by Optical Spectroscopy: MoS<sub>2</sub>/WS<sub>2</sub> and MoSe<sub>2</sub>/WSe<sub>2</sub>. Nano Letters, 2015, 15, 5033-5038. | 9.1 | 277 |
| 10 | Measurement of Lateral and Interfacial Thermal Conductivity of Single- and Bilayer MoS<sub>2</sub> and MoSe<sub>2</sub> Using Refined Optothermal Raman Technique. ACS Applied Materials & Interfaces, 2015, 7, 25923-25929. | 8.0 | 275 |
| 11 | Graphene Plasmon Enhanced Vibrational Sensing of Surface-Adsorbed Layers. Nano Letters, 2014, 14, 1573-1577. | 9.1 | 211 |
| 12 | Ultrasensitive Plasmonic Detection of Molecules with Graphene. ACS Photonics, 2016, 3, 553-557. | 6.6 | 104 |
| 13 | Evolution of the Raman spectrum of graphene grown on copper upon oxidation of the substrate. Nano Research, 2014, 7, 1613-1622. | 10.4 | 63 |
| 14 | Photonic and Plasmonic Guided Modes in Grapheneâ€“Silicon Photonic Crystals. ACS Photonics, 2015, 2, 1552-1558. | 6.6 | 23 |
| 15 | Valley Splitting and Polarization by Zeeman Effect in Monolayer MoSe2. Springer Theses, 2016, , 55-64. | 0.1 | 5 |
| 16 | Measurement of the Second-Order Nonlinear Susceptibility and Probing Symmetry Properties of Few-Layer MoS2 and h-BN by Optical Second-Harmonic Generation. Springer Theses, 2016, , 45-54. | 0.1 | 1 |
| 17 | Coupling of Strongly Localized Graphene Plasmons to Molecular Vibrations. Springer Theses, 2016, , 19-28. | 0.1 | 0 |
| 18 | Photonic and plasmonic guided modes in graphene-silicon photonic crystals. , 2016, , . | | 0 |