Jun Zhu

List of Publications by Year
in descending order

18	3,067	623734 14	839539 18
papers	citations	h-index	g-index

18	18	18	6646
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent Advances in Two-Dimensional Materials beyond Graphene. ACS Nano, 2015, 9, 11509-11539.	14.6	2,069
2	Manganese Doping of Monolayer MoS₂: The Substrate Is Critical. Nano Letters, 2015, 15, 6586-6591.	9.1	357
3	Gate-controlled topological conducting channels in bilayer graphene. Nature Nanotechnology, 2016, 11, 1060-1065.	31.5	188
4	A valley valve and electron beam splitter. Science, 2018, 362, 1149-1152.	12.6	106
5	Fluorination of Graphene: A Spectroscopic and Microscopic Study. ACS Nano, 2014, 8, 1862-1870.	14.6	98
6	Multiferroic tunnel junctions. Frontiers of Physics, 2012, 7, 380-385.	5.0	41
7	Single-Electron Force Readout of Nanoparticle Electrometers Attached to Carbon Nanotubes. Nano Letters, 2008, 8, 2399-2404.	9.1	36
8	Photoluminescence from nanocrystalline graphite monofluoride. Applied Physics Letters, 2010, 97, .	3.3	31
9	Effective Landau Level Diagram of Bilayer Graphene. Physical Review Letters, 2018, 120, 047701.	7.8	27
10	Ferromagnetism in van der Waals compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>MnS</mml:mi><mml:msub><mml:mi mathvariant="normal">b</mml:mi><mml:mrow><mml:mn>1.8</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:msub><mml:mi mathvariant="normal">i</mml:mi><mml:mrow><mml:mn>0.2</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">T</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>4<	2.4	21
11	Superconducting proximity effect in a transparent van der Waals superconductor-metal junction. Physical Review B, 2020, 101, .	3.2	20
12	Metallic Phase and Temperature Dependence of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î½</mml:mi><mml:mo>=</mml:mo><mml:mn>0</mml:mn></mml:mrow></mml:math> Quantum Hall State in Bilayer Graphene. Physical Review Letters, 2019, 122, 097701.	7.8	18
13	Oxide-on-graphene field effect bio-ready sensors. Nano Research, 2014, 7, 1263-1270.	10.4	15
14	Gapless Spin Wave Transport through a Quantum Canted Antiferromagnet. Physical Review X, 2021, 11, .	8.9	15
15	Gate-Controlled Transmission of Quantum Hall Edge States in Bilayer Graphene. Physical Review Letters, 2018, 120, 057701.	7.8	10
16	Spin relaxation in fluorinated single and bilayer graphene. Physical Review B, 2019, 100, .	3.2	10
17	Landau levels of bilayer graphene in a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">WSe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> /bilayer graphene van der Waals heterostructure. Physical Review B, 2019, 100, .	3.2	3
18	Random anion distribution in MSxSe2â^'x (M = Mo, W) crystals and nanosheets. RSC Advances, 2018, 8, 9871-9878.	3.6	2