

Jun Zhu

List of Publications by Year in descending order

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18
papers

3,067
citations

623734

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839539

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18
all docs

18
docs citations

18
times ranked

6646
citing authors

#	ARTICLE	IF	CITATIONS
1	Gapless Spin Wave Transport through a Quantum Canted Antiferromagnet. Physical Review X, 2021, 11, .	8.9	15
2	Superconducting proximity effect in a transparent van der Waals superconductor-metal junction. Physical Review B, 2020, 101, .	3.2	20
3	Fluorinated van der Waals compound MnS b B i T e	2.4	21
4	Spin relaxation in fluorinated single and bilayer graphene. Physical Review B, 2019, 100, .	3.2	10
5	Landau levels of bilayer graphene in a WSe_2 /bilayer graphene van der Waals heterostructure. Physical Review B, 2019, 100, .	3.2	3
6	Metallic Phase and Temperature Dependence of the Quantum Hall State in Bilayer Graphene. Physical Review Letters, 2019, 122, 097701.	7.8	18
7	Random anion distribution in MS_xSe_{2-x} (M = Mo, W) crystals and nanosheets. RSC Advances, 2018, 8, 9871-9878.	3.6	2
8	Effective Landau Level Diagram of Bilayer Graphene. Physical Review Letters, 2018, 120, 047701.	7.8	27
9	Gate-Controlled Transmission of Quantum Hall Edge States in Bilayer Graphene. Physical Review Letters, 2018, 120, 057701.	7.8	10
10	A valley valve and electron beam splitter. Science, 2018, 362, 1149-1152.	12.6	106
11	Gate-controlled topological conducting channels in bilayer graphene. Nature Nanotechnology, 2016, 11, 1060-1065.	31.5	188
12	Recent Advances in Two-Dimensional Materials beyond Graphene. ACS Nano, 2015, 9, 11509-11539.	14.6	2,069
13	Manganese Doping of Monolayer MoS_2 : The Substrate Is Critical. Nano Letters, 2015, 15, 6586-6591.	9.1	357
14	Fluorination of Graphene: A Spectroscopic and Microscopic Study. ACS Nano, 2014, 8, 1862-1870.	14.6	98
15	Oxide-on-graphene field effect bio-ready sensors. Nano Research, 2014, 7, 1263-1270.	10.4	15
16	Multiferroic tunnel junctions. Frontiers of Physics, 2012, 7, 380-385.	5.0	41
17	Photoluminescence from nanocrystalline graphite monofluoride. Applied Physics Letters, 2010, 97, .	3.3	31
18	Single-Electron Force Readout of Nanoparticle Electrometers Attached to Carbon Nanotubes. Nano Letters, 2008, 8, 2399-2404.	9.1	36