Jiangxiazi Lin

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5881181/publications.pdf

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18	917	567281 15	839539 18
papers	citations	h-index	g-index

18	18	18	1983
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Achieving Ultrahigh Carrier Mobility in Two-Dimensional Hole Gas of Black Phosphorus. Nano Letters, 2016, 16, 7768-7773.	9.1	242
2	Universal low-temperature Ohmic contacts for quantum transport in transition metal dichalcogenides. 2D Materials, 2016, 3, 021007.	4.4	102
3	Evenâ€“odd layer-dependent magnetotransport of high-mobility Q-valley electrons in transition metal disulfides. Nature Communications, 2016, 7, 12955.	12.8	82
4	Intrinsic valley Hall transport in atomically thin MoS2. Nature Communications, 2019, 10, 611.	12.8	77
5	Interaction effects and superconductivity signatures in twisted double-bilayer WSe₂. Nanoscale Horizons, 2020, 5, 1309-1316.	8.0	68
6	Spin-orbitâ€“driven ferromagnetism at half moirÃ© filling in magic-angle twisted bilayer graphene. Science, 2022, 375, 437-441.	12.6	61
7	van der Waals Epitaxial Growth of Atomically Thin Bi₂Se₃ and Thickness-Dependent Topological Phase Transition. Nano Letters, 2015, 15, 2645-2651.	9.1	54
8	Effects of Hexagonal Boron Nitride Encapsulation on the Electronic Structure of Few-Layer MoS₂. Journal of Physical Chemistry C, 2019, 123, 14797-14802.	3.1	42
9	Odd-Integer Quantum Hall States and Giant Spin Susceptibility in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-Type Few-Layer<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>WSe</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></ Physical Review Letters, 2017, 118, 067702.	7.8	37
10	Determining Interaction Enhanced Valley Susceptibility in Spin-Valley-Locked MoS₂. Nano Letters, 2019, 19, 1736-1742.	9.1	35
11	Ambipolar quantum transport in few-layer black phosphorus. Physical Review B, 2017, 96, .	3.2	26
12	Detection of interlayer interaction in few-layer graphene. Physical Review B, 2015, 92, .	3.2	22
13	A fast transfer-free synthesis of high-quality monolayer graphene on insulating substrates by a simple rapid thermal treatment. Nanoscale, 2016, 8, 2594-2600.	5.6	20
14	Bridging the gap between atomically thin semiconductors and metal leads. Nature Communications, 2022, 13, 1777.	12.8	17
15	Probing the electronic states and impurity effects in black phosphorus vertical heterostructures. 2D Materials, 2016, 3, 015012.	4.4	16
16	Negative compressibility in graphene-terminated black phosphorus heterostructures. Physical Review B, 2016, 93, .	3.2	10
17	Charge density wave phase transition on the surface of electrostatically doped multilayer graphene. Applied Physics Letters, 2016, 109, .	3.3	4
18	Fluctuation-induced tunneling conduction in iodine-doped bilayer graphene. Journal of Applied Physics, 2018, 123, 244302.	2.5	2