

Gen Long

List of Publications by Year in descending order

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26
papers

2,226
citations

535685

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685536

24
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26
all docs

26
docs citations

26
times ranked

5721
citing authors

#	ARTICLE	IF	CITATIONS
1	Hot-Pressed Two-Dimensional Amorphous Metals and Their Electronic Properties. Crystals, 2022, 12, 616.	1.0	0
2	Towards a library of atomically dispersed catalysts. Materials and Design, 2021, 210, 110080.	3.3	6
3	The roles of graphene and its derivatives in perovskite solar cells: A review. Materials and Design, 2021, 211, 110170.	3.3	29
4	Probing 2D magnetism through electronic tunneling transport. Materials and Design, 2021, 212, 110235.	3.3	2
5	Persistence of Magnetism in Atomically Thin MnPS ₃ Crystals. Nano Letters, 2020, 20, 2452-2459.	4.5	117
6	Intrinsic valley Hall transport in atomically thin MoS ₂ . Nature Communications, 2019, 10, 611.	5.8	77
7	Determining Interaction Enhanced Valley Susceptibility in Spin-Valley-Locked MoS ₂ . Nano Letters, 2019, 19, 1736-1742.	4.5	35
8	Investigation of the two-gap superconductivity in a few-layer NbSe ₂ -graphene heterojunction. Physical Review B, 2018, 97, .	1.1	11
9	Twin Defect Derived Growth of Atomically Thin MoS ₂ Dendrites. ACS Nano, 2018, 12, 635-643.	7.3	92
10	Gate-tunable strong-weak localization transition in few-layer black phosphorus. Nanotechnology, 2018, 29, 035204.	1.3	10
11	Odd-Integer Quantum Hall States and Giant Spin Susceptibility in p -Type Few-Layer WSe_2 . Physical Review Letters, 2017, 118, 067702.	2.9	37
12	Isolation and Characterization of Few-Layer Manganese Thiophosphite. ACS Nano, 2017, 11, 11330-11336.	7.3	98
13	Observation of A _{1g} Raman mode splitting in few layer black phosphorus encapsulated with hexagonal boron nitride. Nanoscale, 2017, 9, 19298-19303.	2.8	9
14	Ambipolar quantum transport in few-layer black phosphorus. Physical Review B, 2017, 96, .	1.1	26
15	Achieving Ultrahigh Carrier Mobility in Two-Dimensional Hole Gas of Black Phosphorus. Nano Letters, 2016, 16, 7768-7773.	4.5	242
16	Charge density wave phase transition on the surface of electrostatically doped multilayer graphene. Applied Physics Letters, 2016, 109, .	1.5	4
17	Probing the electronic states and impurity effects in black phosphorus vertical heterostructures. 2D Materials, 2016, 3, 015012.	2.0	16
18	Even-odd layer-dependent magnetotransport of high-mobility Q-valley electrons in transition metal disulfides. Nature Communications, 2016, 7, 12955.	5.8	82

#	ARTICLE	IF	CITATIONS
19	Universal low-temperature Ohmic contacts for quantum transport in transition metal dichalcogenides. 2D Materials, 2016, 3, 021007.	2.0	102
20	Type-controlled nanodevices based on encapsulated few-layer black phosphorus for quantum transport. 2D Materials, 2016, 3, 031001.	2.0	19
21	A fast transfer-free synthesis of high-quality monolayer graphene on insulating substrates by a simple rapid thermal treatment. Nanoscale, 2016, 8, 2594-2600.	2.8	20
22	Detection of interlayer interaction in few-layer graphene. Physical Review B, 2015, 92, .	1.1	22
23	Probing the electron states and metal-insulator transition mechanisms in molybdenum disulphide vertical heterostructures. Nature Communications, 2015, 6, 6088.	5.8	181
24	van der Waals Epitaxial Growth of Atomically Thin Bi ₂ Se ₃ and Thickness-Dependent Topological Phase Transition. Nano Letters, 2015, 15, 2645-2651.	4.5	54
25	Hopping transport through defect-induced localized states in molybdenum disulphide. Nature Communications, 2013, 4, 2642.	5.8	935
26	Electronic Transport in Few-Layer Black Phosphorus. , 0, , .		0