

Aiming Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4978496/publications.pdf>

Version: 2024-02-01

18
papers

2,963
citations

758635

12
h-index

887659

17
g-index

19
all docs

19
docs citations

19
times ranked

6461
citing authors

#	ARTICLE	IF	CITATIONS
1	The ultrafast onset of exciton formation in 2D semiconductors. Nature Communications, 2020, 11, 5277.	5.8	57
2	Metallohydrogel-Assisted Synthesis and Direct Writing of Transition Metal Dichalcogenides. Advanced Functional Materials, 2019, 29, 1807612.	7.8	12
3	Wafer-scale on-chip synthesis and field emission properties of vertically aligned boron nitride based nanofiber arrays. Applied Physics Letters, 2019, 114, 093101.	1.5	2
4	Observation of moiré excitons in WSe ₂ /WS ₂ heterostructure superlattices. Nature, 2019, 567, 76-80.	13.7	791
5	Spontaneous twisting of a collapsed carbon nanotube. Nano Research, 2017, 10, 1942-1949.	5.8	12
6	Molecular Arrangement and Charge Transfer in C ₆₀ /Graphene Heterostructures. ACS Nano, 2017, 11, 4686-4693.	7.3	60
7	Identifying and Engineering the Stacking Sequence in CVD Grown Few-layer MoS ₂ via Aberration-corrected STEM. Microscopy and Microanalysis, 2017, 23, 2006-2007.	0.2	0
8	Optically Discriminating Carrier-Induced Quasiparticle Band Gap and Exciton Energy Renormalization in Monolayer MoS ₂ . Physical Review Letters, 2017, 119, 087401.	2.9	74
9	Dynamics of Symmetry-Breaking Stacking Boundaries in Bilayer MoS ₂ . Journal of Physical Chemistry C, 2017, 121, 22559-22566.	1.5	22
10	Graphene: Preventing Thin Film Dewetting via Graphene Capping (Adv. Mater. 36/2017). Advanced Materials, 2017, 29, .	11.1	0
11	Preventing Thin Film Dewetting via Graphene Capping. Advanced Materials, 2017, 29, 1701536.	11.1	23
12	Electrostatically Driven Nanoballoon Actuator. Nano Letters, 2016, 16, 6787-6791.	4.5	16
13	Identifying different stacking sequences in few-layer CVD-grown MoS ₂ by low-energy atomic-resolution scanning transmission electron microscopy. Physical Review B, 2016, 93,	1.1	51
14	Self-Passivation of Defects: Effects of High-Energy Particle Irradiation on the Elastic Modulus of Multilayer Graphene. Advanced Materials, 2015, 27, 6841-6847.	11.1	24
15	High-performance transition metal-doped Pt ₃ Ni octahedra for oxygen reduction reaction. Science, 2015, 348, 1230-1234.	6.0	1,623
16	Direct Growth of Single- and Few-Layer MoS ₂ on h-BN with Preferred Relative Rotation Angles. Nano Letters, 2015, 15, 6324-6331.	4.5	172
17	Fabrication of One-Dimensional Zigzag [6,6]-Phenyl-C ₆₁ -Butyric Acid Methyl Ester Nanoribbons from Two-Dimensional Nanosheets. ACS Nano, 2015, 9, 10516-10522.	7.3	10
18	Multi-scale order in amorphous transparent oxide thin films. Journal of Applied Physics, 2012, 112, 054907.	1.1	10