Sahar Pakdel

List of Publications by Year
in descending order

14	241	1477746 6	1125271 13
papers	citations	h-index	g-index

14	14	14	519
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MoirÃ©-induced electronic structure modifications in monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> on Au(111). Physical Review B, 2021, 103, .	1.1	3
2	Switching of the electron-phonon interaction in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mi>T</mml:mi></mml:mrow><mml:mrow><mml:m assisted by hot carriers. Physical Review B, 2021, 103, .	1.1	6
3	Few-layer antimonene electrical properties. Applied Materials Today, 2021, 24, 101132.	2.3	6
4	Bypassing the computational bottleneck of quantum-embedding theories for strong electron correlations with machine learning. Physical Review Research, 2021, 3, .	1.3	5
5	Surface-dominated conductivity of few-layered antimonene. 2D Materials, 2020, 7, 021001.	2.0	1
6	Van Hove Singularities: Observation of Electrically Tunable van Hove Singularities in Twisted Bilayer Graphene from NanoARPES (Adv. Mater. 31/2020). Advanced Materials, 2020, 32, 2070230.	11.1	0
7	Room-temperature quantum spin Hall phase in laser-patterned few-layer 1Tâ€²- MoS2. Communications Materials, 2020, 1, .	2.9	6
8	Observation of Electrically Tunable van Hove Singularities in Twisted Bilayer Graphene from NanoARPES. Advanced Materials, 2020, 32, 2001656.	11.1	25
9	Exciton diffusion in two-dimensional metal-halide perovskites. Nature Communications, 2020, 11, 2035.	5.8	113
10	Quenching of Exciton Recombination in Strained Two-Dimensional Monochalcogenides. Physical Review Letters, 2019, 123, 077402.	2.9	3
11	Laser-Beam-Patterned Topological Insulating States on Thin Semiconducting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoS</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow Physical Review Letters, 2019, 123, 146803.	2.9	23
12	Strong modulation of optical properties in rippled 2D GaSe via strain engineering. Nanotechnology, 2019, 30, 24LT01.	1.3	21
13	An implementation of spinâ€“orbit coupling for band structure calculations with Gaussian basis sets: Two-dimensional topological crystals of Sb and Bi. Beilstein Journal of Nanotechnology, 2018, 9, 1015-1023.	1.5	9
14	Faraday rotation and circular dichroism spectra of gold and silver nanoparticle aggregates. Physical Review B, 2012, 86, .	1.1	20