

Sahar Pakdel

List of Publications by Year in descending order

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1477746

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14
docs citations

14
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519
citing authors

#	ARTICLE	IF	CITATIONS
1	Exciton diffusion in two-dimensional metal-halide perovskites. Nature Communications, 2020, 11, 2035.	5.8	113
2	Observation of Electrically Tunable van Hove Singularities in Twisted Bilayer Graphene from NanoARPES. Advanced Materials, 2020, 32, 2001656.	11.1	25
3	Laser-Beam-Patterned Topological Insulating States on Thin Semiconducting MoS_2 . Physical Review Letters, 2019, 123, 146803.	2.9	23
4	Strong modulation of optical properties in rippled 2D GaSe via strain engineering. Nanotechnology, 2019, 30, 24LT01.	1.3	21
5	Faraday rotation and circular dichroism spectra of gold and silver nanoparticle aggregates. Physical Review B, 2012, 86, .	1.1	20
6	An implementation of spin-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
7	Room-temperature quantum spin Hall phase in laser-patterned few-layer MoS_2 . Communications Materials, 2020, 1, .	2.9	6
8	Switching of the electron-phonon interaction in MoS_2 assisted by hot carriers. Physical Review B, 2021, 103, .	2.9	6
9	Few-layer antimonene electrical properties. Applied Materials Today, 2021, 24, 101132.	2.3	6
10	Bypassing the computational bottleneck of quantum-embedding theories for strong electron correlations with machine learning. Physical Review Research, 2021, 3, .	1.3	5
11	Quenching of Exciton Recombination in Strained Two-Dimensional Monochalcogenides. Physical Review Letters, 2019, 123, 077402.	2.9	3
12	Moiré-induced electronic structure modifications in monolayer V_2S_3 on Au(111). Physical Review B, 2021, 103, .	1.1	3
13	Surface-dominated conductivity of few-layered antimonene. 2D Materials, 2020, 7, 021001.	2.0	1
14	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