Yuefeng Yin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3812086/publications.pdf

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23	440	687363 13	713466 21
papers	citations	h-index	g-index

24	24	24	772
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polarity-Tunable Photocurrent through Band Alignment Engineering in a High-Speed WSe₂/SnSe₂ Diode with Large Negative Responsivity. ACS Nano, 2022, 16, 4578-4587.	14.6	23
2	Wavelengthâ€Controlled Photocurrent Polarity Switching in BPâ€MoS₂ Heterostructure. Advanced Functional Materials, 2022, 32, .	14.9	22
3	Nearâ€Infrared and Visibleâ€Range Optoelectronics in 2D Hybrid Perovskite/Transition Metal Dichalcogenide Heterostructures. Advanced Materials Interfaces, 2022, 9, .	3.7	6
4	Probing the dynamic structural changes of <scp>DNA</scp> using ultrafast laser pulse in grapheneâ€based optofluidic device. InformaÄnÃ-MateriÃ¡ly, 2021, 3, 316-326.	17.3	4
5	Magnesium-intercalated graphene on SiC: Highly n-doped air-stable bilayer graphene at extreme displacement fields. Applied Surface Science, 2021, 541, 148612.	6.1	11
6	Berry curvature origin of the thickness-dependent anomalous Hall effect in a ferromagnetic Weyl semimetal. Npj Quantum Materials, 2021, 6, .	5.2	26
7	Localized Wannier function based tight-binding models for two-dimensional allotropes of bismuth. New Journal of Physics, 2021, 23, 063042.	2.9	3
8	Crossover from 2D Ferromagnetic Insulator to Wide Band Gap Quantum Anomalous Hall Insulator in Ultrathin MnBi₂Te₄. ACS Nano, 2021, 15, 13444-13452.	14.6	31
9	Manifestation of Strongly Correlated Electrons in a 2D Kagome Metalâ€“Organic Framework. Advanced Functional Materials, 2021, 31, 2106474.	14.9	20
10	Freestanding n-Doped Graphene via Intercalation of Calcium and Magnesium into the Buffer Layerâ€“SiC(0001) Interface. Chemistry of Materials, 2020, 32, 6464-6482.	6.7	28
11	First-principles study of mechanical and optical properties for ZnS1âˆ’O alloying compounds. Materials Today Communications, 2020, 24, 101259.	1.9	0
12	Chemical switching of low-loss phonon polaritons in Î±-MoO3 by hydrogen intercalation. Nature Communications, 2020, 11, 2646.	12.8	54
13	Electronic Band Structure of In-Plane Ferroelectric van der Waals Î²â€²-In₂Se₃. ACS Applied Electronic Materials, 2020, 2, 213-219.	4.3	26
14	Intrinsic-strain-induced curling of free-standing two-dimensional Janus MoSSe quantum dots. Applied Surface Science, 2020, 519, 146251.	6.1	10
15	Selective control of surface spin current in topological pyrite-type OsX2 (Xâ€‰=â€‰Se, Te) crystals. Npj Quantum Materials, 2019, 4, .	5.2	8
16	Electric Field Control of Molecular Charge State in a Single-Component 2D Organic Nanoarray. ACS Nano, 2019, 13, 11882-11890.	14.6	14
17	Ordered intracrystalline pores in planar molybdenum oxide for enhanced alkaline hydrogen evolution. Journal of Materials Chemistry A, 2019, 7, 257-268.	10.3	70
18	Designing Optoelectronic Properties by On-Surface Synthesis: Formation and Electronic Structure of an Ironâ€“Terpyridine Macromolecular Complex. ACS Nano, 2018, 12, 6545-6553.	14.6	13

#	Article	IF	Citations
19	Molecular Dipole-Driven Electronic Structure Modifications of DNA/RNA Nucleobases on Graphene. Journal of Physical Chemistry Letters, 2017, 8, 3087-3094.	4.6	17
20	The Edge Stresses and Phase Transitions for Magnetic BN Zigzag Nanoribbons. Scientific Reports, 2017, 7, 7855.	3.3	8
21	The formation mechanism of Janus nanostructures in one-pot reactions: the case of Agâ€“Ag₈GeS₆. Journal of Materials Chemistry A, 2016, 4, 7060-7070.	10.3	7
22	Tunable Hybridization Between Electronic States of Graphene and Physisorbed Hexacene. Journal of Physical Chemistry C, 2015, 119, 19526-19534.	3.1	5
23	Graphene field effect transistor as a probe of electronic structure and charge transfer at organic moleculeâ€“graphene interfaces. Nanoscale, 2015, 7, 1471-1478.	5.6	34