

Yuefeng Yin

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

440
citations

687363

13
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Ordered intracrystalline pores in planar molybdenum oxide for enhanced alkaline hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 257-268.	10.3	70
2	Chemical switching of low-loss phonon polaritons in $\hat{I}\pm$ -MoO ₃ by hydrogen intercalation. <i>Nature Communications</i> , 2020, 11, 2646.	12.8	54
3	Graphene field effect transistor as a probe of electronic structure and charge transfer at organic molecule-graphene interfaces. <i>Nanoscale</i> , 2015, 7, 1471-1478.	5.6	34
4	Crossover from 2D Ferromagnetic Insulator to Wide Band Gap Quantum Anomalous Hall Insulator in Ultrathin MnBi ₂ Te ₄ . <i>ACS Nano</i> , 2021, 15, 13444-13452.	14.6	31
5	Freestanding n-Doped Graphene via Intercalation of Calcium and Magnesium into the Buffer Layer of SiC(0001) Interface. <i>Chemistry of Materials</i> , 2020, 32, 6464-6482.	6.7	28
6	Electronic Band Structure of In-Plane Ferroelectric van der Waals \hat{I}^2 -In ₂ Se ₃ . <i>ACS Applied Electronic Materials</i> , 2020, 2, 213-219.	4.3	26
7	Berry curvature origin of the thickness-dependent anomalous Hall effect in a ferromagnetic Weyl semimetal. <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	26
8	Polarity-Tunable Photocurrent through Band Alignment Engineering in a High-Speed WSe ₂ /SnSe ₂ Diode with Large Negative Responsivity. <i>ACS Nano</i> , 2022, 16, 4578-4587.	14.6	23
9	Wavelength-Controlled Photocurrent Polarity Switching in BP-MoS ₂ Heterostructure. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	22
10	Manifestation of Strongly Correlated Electrons in a 2D Kagome Metal-Organic Framework. <i>Advanced Functional Materials</i> , 2021, 31, 2106474.	14.9	20
11	Molecular Dipole-Driven Electronic Structure Modifications of DNA/RNA Nucleobases on Graphene. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3087-3094.	4.6	17
12	Electric Field Control of Molecular Charge State in a Single-Component 2D Organic Nanoarray. <i>ACS Nano</i> , 2019, 13, 11882-11890.	14.6	14
13	Designing Optoelectronic Properties by On-Surface Synthesis: Formation and Electronic Structure of an Iron-Terpyridine Macromolecular Complex. <i>ACS Nano</i> , 2018, 12, 6545-6553.	14.6	13
14	Magnesium-intercalated graphene on SiC: Highly n-doped air-stable bilayer graphene at extreme displacement fields. <i>Applied Surface Science</i> , 2021, 541, 148612.	6.1	11
15	Intrinsic-strain-induced curling of free-standing two-dimensional Janus MoSSe quantum dots. <i>Applied Surface Science</i> , 2020, 519, 146251.	6.1	10
16	The Edge Stresses and Phase Transitions for Magnetic BN Zigzag Nanoribbons. <i>Scientific Reports</i> , 2017, 7, 7855.	3.3	8
17	Selective control of surface spin current in topological pyrite-type OsX ₂ (X = Se, Te) crystals. <i>Npj Quantum Materials</i> , 2019, 4, .	5.2	8
18	The formation mechanism of Janus nanostructures in one-pot reactions: the case of Ag ₈ GeS ₆ . <i>Journal of Materials Chemistry A</i> , 2016, 4, 7060-7070.	10.3	7

#	ARTICLE	IF	CITATIONS
19	Near-Infrared and Visible-Range Optoelectronics in 2D Hybrid Perovskite/Transition Metal Dichalcogenide Heterostructures. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	6
20	Tunable Hybridization Between Electronic States of Graphene and Physisorbed Hexacene. <i>Journal of Physical Chemistry C</i> , 2015, 119, 19526-19534.	3.1	5
21	Probing the dynamic structural changes of <sc>DNA</sc> using ultrafast laser pulse in graphene-based optofluidic device. <i>Information-Materials</i> , 2021, 3, 316-326.	17.3	4
22	Localized Wannier function based tight-binding models for two-dimensional allotropes of bismuth. <i>New Journal of Physics</i> , 2021, 23, 063042.	2.9	3
23	First-principles study of mechanical and optical properties for ZnS _{1-x} O alloying compounds. <i>Materials Today Communications</i> , 2020, 24, 101259.	1.9	0