

Mingming Fu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nanoscale Superconducting States in the Fe-Based Filamentary Superconductor of Pr-Doped CaFe ₂ As ₂ . <i>Nanomaterials</i> , 2021, 11, 1019.	4.1	3
2	Manipulation of the Magnetic Properties of Janus WSSe Monolayer by the Adsorption of Transition Metal Atoms. <i>Nanoscale Research Letters</i> , 2021, 16, 104.	5.7	5
3	Competitive and cooperative electronic states in Ba(Fe _{1-x} Tx) ₂ As ₂ with T = Co, Ni, Cr. <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	5
4	Defects in Highly Anisotropic Transition-Metal Dichalcogenide PdSe ₂ . <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 740-746.	4.6	28
5	Realizing gapped surface states in the magnetic topological insulator $MnBi_2Te_4$. <i>Physical Review B</i> , 2020, 102, .		
6	Atomically thin half-van der Waals metals enabled by confinement heteroepitaxy. <i>Nature Materials</i> , 2020, 19, 637-643.	27.5	114
7	Identically Sized Co_2 Quantum Dots on Monolayer WS_2 Featuring Chiral Contacts. <i>Physical Review Applied</i> , 2020, 13, .	3.8	4
8	Improved Open-Circuit Voltage and Repeatability of Perovskite Cells Based on Double-Layer Lead Halide Precursors Fabricated by a Vapor-Assisted Method. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 24132-24139.	8.0	4
9	Electrically tunable magnetic configuration on vacancy-doped GaSe monolayer. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 667-672.	2.1	9
10	Tuning Magnetic Soliton Phase via Dimensional Confinement in Exfoliated 2D $Cr_{1/3}NbS_2$ Thin Flakes. <i>Nano Letters</i> , 2018, 18, 4023-4028.	9.1	19
11	Manipulation of perpendicular magnetic anisotropy of single Fe atom adsorbed graphene via MgO(111) substrate. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 205001.	2.8	3
12	3D Imaging and Manipulation of Subsurface Selenium Vacancies in $PdSe_2$. <i>Physical Review Letters</i> , 2018, 121, 086101.	7.8	66
13	Effect of Surface Morphology and Magnetic Impurities on the Electronic Structure in Cobalt-Doped BaFe ₂ As ₂ Superconductors. <i>Nano Letters</i> , 2017, 17, 1642-1647.	9.1	12
14	Magnetic modification of GaSe monolayer by absorption of single Fe atom. <i>RSC Advances</i> , 2017, 7, 4285-4290.	3.6	10
15	Modulation of Electronic and Optical Anisotropy Properties of ML-GaS by Vertical Electric Field. <i>Nanoscale Research Letters</i> , 2017, 12, 409.	5.7	6
16	Enhanced magneto-optical effects in composite coaxial nanowires embedded with Ag nanoparticles. <i>Scientific Reports</i> , 2016, 6, 29170.	3.3	2
17	Effects of thermally-induced changes of Cu grains on domain structure and electrical performance of CVD-grown graphene. <i>Nanoscale</i> , 2016, 8, 930-937.	5.6	5
18	First-principles calculations of perpendicular magnetic anisotropy in Fe _{1-x} Co _x /MgO(001) thin films. <i>Nanoscale Research Letters</i> , 2015, 10, 126.	5.7	9