

Xiaoyu Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Friedel Oscillations of Vortex Bound States under Extreme Quantum Limit in $\text{KCaFe}_2\text{As}_2$. Single-particle tunneling spectroscopy and superconducting gaps in the layered iron-based superconductor. <i>Physical Review B</i> , 2020, 102, 020407.	7.8	20
2	Robust Zero Energy Modes on Superconducting Bismuth Islands Deposited on $\text{Fe}(\text{Te},\text{Se})$. <i>Nano Letters</i> , 2020, 20, 2965-2972.	3.2	13
3	Multiband superconductivity and possible nodal gap in RbCrAs_3 revealed by direct visualization and single Fermi level fitting measurements. <i>Physical Review B</i> , 2019, 100, 020407.	9.1	6
4	gaps in $\text{FeTe}_{1-x}\text{Se}_x$. <i>Physical Review B</i> , 2019, 99, 020407.	3.2	5
5	Discrete energy levels of Caroli-de Gennes-Matricon states in quantum limit in $\text{FeTe}_{0.55}\text{Se}_{0.45}$. <i>Nature Communications</i> , 2018, 9, 970.	3.2	13
6	Superconductivity with twofold symmetry in $\text{Bi}_2\text{Te}_3/\text{FeTe}_{0.55}\text{Se}_{0.45}$ heterostructures. <i>Science Advances</i> , 2018, 4, eaat1084.	12.8	88
7	Ultrathin, Single-Crystal WO_3 Nanosheets by Two-Dimensional Oriented Attachment toward Enhanced Photocatalytic Reduction of CO_2 into Hydrocarbon Fuels under Visible Light. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3372-3377.	10.3	57
8	Robust Hollow Spheres Consisting of Alternating Titania Nanosheets and Graphene Nanosheets with High Photocatalytic Activity for CO_2 Conversion into Renewable Fuels. <i>Advanced Functional Materials</i> , 2012, 22, 1215-1221.	8.0	332
9		14.9	373