

# Xiaoyu Chen

## List of Publications by Year in descending order

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9  
papers

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1307594

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#	ARTICLE	IF	CITATIONS
1	Robust Hollow Spheres Consisting of Alternating Titania Nanosheets and Graphene Nanosheets with High Photocatalytic Activity for CO <sub>2</sub> Conversion into Renewable Fuels. <i>Advanced Functional Materials</i> , 2012, 22, 1215-1221.	14.9	373
2	Ultrathin, Single-Crystal WO <sub>3</sub> Nanosheets by Two-Dimensional Oriented Attachment toward Enhanced Photocatalytic Reduction of CO <sub>2</sub> into Hydrocarbon Fuels under Visible Light. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 3372-3377.	8.0	332
3	Discrete energy levels of Caroli-de Gennes-Matricon states in quantum limit in FeTe <sub>0.55</sub> Se <sub>0.45</sub> . <i>Nature Communications</i> , 2018, 9, 970.	12.8	88
4	Superconductivity with twofold symmetry in Bi <sub>2</sub> Te <sub>3</sub> /FeTe <sub>0.55</sub> Se <sub>0.45</sub> heterostructures. <i>Science Advances</i> , 2018, 4, eaat1084.	10.3	57
5	Friedel Oscillations of Vortex Bound States under Extreme Quantum Limit in $KCa_{2-x}FeTe_{0.55}Se_{0.45}$ Physical Review Letters, 2021, 126, 257002.	7.8	20
6	Direct Visualization of sign-reversal gaps in $FeTe_{0.55}Se_{0.45}$ superconductor Physical Review B, 2019, 99, 114107.	3.2	13
7	Robust Zero Energy Modes on Superconducting Bismuth Islands Deposited on Fe(Te,Se). <i>Nano Letters</i> , 2020, 20, 2965-2972.	3.2	13
8	Multiband superconductivity and possible nodal gap in $RbCrAs_3$ revealed by Andreev reflection and single particle tunneling measurements. <i>Physical Review B</i> , 2019, 100, 014504.	9.1	6
9	Multiband superconductivity and possible nodal gap in $RbCrAs_3$ revealed by Andreev reflection and single particle tunneling measurements. <i>Physical Review B</i> , 2019, 100, 014504.	3.2	5