

# Lei Xing

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8447824/publications.pdf>

Version: 2024-02-01

10  
papers

1,141  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

2217  
citing authors

#	ARTICLE	IF	CITATIONS
1	1D/2D Heterostructures as Ultrathin Catalysts for Hydrogen Evolution Reaction. <i>Small</i> , 2020, 16, e2004296.	10.0	10
2	A native oxide high- $\kappa$ gate dielectric for two-dimensional electronics. <i>Nature Electronics</i> , 2020, 3, 473-478.	26.0	141
3	Highly crystalline ReSe <sub>2</sub> atomic layers synthesized by chemical vapor transport. <i>Informa Mater</i> , 2019, 1, 552-558.	17.3	24
4	An electrical thermometry platform for measuring cross-plane thermal conductivity of 2D flakes on substrate. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	3
5	Unveiling the Layer-Dependent Catalytic Activity of PtSe <sub>2</sub> Atomic Crystals for the Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6977-6981.	13.8	76
6	Unveiling the Layer-Dependent Catalytic Activity of PtSe <sub>2</sub> Atomic Crystals for the Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , 2019, 131, 7051-7055.	2.0	37
7	Current Rectification in a Structure: ReSe <sub>2</sub> /Au Contacts on Both Sides of ReSe <sub>2</sub> . <i>Nanoscale Research Letters</i> , 2019, 14, 1.	5.7	401
8	Phase-selective synthesis of 1T MoS <sub>2</sub> monolayers and heterophase bilayers. <i>Nature Materials</i> , 2018, 17, 1108-1114.	27.5	348
9	Two-Dimensional Semiconductors Grown by Chemical Vapor Transport. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3611-3615.	13.8	92
10	Two-Dimensional Semiconductors Grown by Chemical Vapor Transport. <i>Angewandte Chemie</i> , 2017, 129, 3665-3669.	2.0	9