

# Xiaofu Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7526264/publications.pdf>

Version: 2024-02-01

19  
papers

238  
citations

933447

10  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of superconducting tungsten silicide $W_xSi_3$ Short-range magnetic interactions and spin-glass behavior in the quasi-two-dimensional nickelate $P_4N_3i_3$	3.2	45
2	Anisotropic character of the metal-to-metal transition in $P_4N_3i_3$	3.2	23
3	Electron energy relaxation in disordered superconducting NbN films. Physical Review B, 2020, 102, .	3.2	22
4	Magnetron co-sputtering synthesis and nanoindentation studies of nanocrystalline $(TiZrHf)_x(NbTa)_{1-x}$ high-entropy alloy thin films. Nano Research, 2022, 15, 4873-4879.	10.4	16
5	Preparation and characterization of high-entropy alloy $N_4i_3$	3.2	15
6	Preparation and characterization of high-entropy alloy $N_4i_3$ superconducting films. Physical Review Research, 2020, 2, .	3.2	11
7	Superconducting fluctuations and characteristic time scales in amorphous WSi. Physical Review B, 2018, 97, .	3.2	12
8	Magnetoconductance and photoresponse properties of disordered NbTiN films. Physical Review B, 2021, 104, .	3.2	12
9	Superconducting single X-ray photon detector based on $W_{0.8}Si_{0.2}$ . AIP Advances, 2016, 6, 115104.	1.3	11
10	Superconductivity and charge density wave formation in lithium-intercalated $S_2H_2$ . Physical Review B, 2021, 104, .	3.2	11
11	Physical properties of amorphous molybdenum silicide films for single-photon detectors. Superconductor Science and Technology, 2021, 34, 095003.	3.5	9
12	Correlation between the tolerance factor and phase transition in $A_4$		

#	ARTICLE	IF	CITATIONS
19	Fabrication and transport properties of two dimensional Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10</sub> + <i>δ</i> micro-bridge. Applied Physics Letters, 2022, 120, .	3.3	5