

# Junying Shen

## List of Publications by Year in descending order

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15  
papers

654  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving Ultrahigh Carrier Mobility in Two-Dimensional Hole Gas of Black Phosphorus. Nano Letters, 2016, 16, 7768-7773.	9.1	242
2	Isolation and Characterization of Few-Layer Manganese Thiophosphite. ACS Nano, 2017, 11, 11330-11336.	14.6	98
3	Nematic topological superconducting phase in Nb-doped Bi <sub>2</sub> Se <sub>3</sub> . Npj Quantum Materials, 2017, 2, .	5.2	67
4	Thermodynamic Evidence for the Fulde-Ferrell-Larkin-Ovchinnikov State in the Superconductor. Physical Review Letters, 2017, 119, 217002. <a href="#">View in Scopus</a>	7.8	59
5	p-Type Few-Layer WS <sub>2</sub> Physical Review Letters, 2017, 118, 067702. <a href="#">View in Scopus</a>	7.8	37
6	Z3-vestigial nematic order due to superconducting fluctuations in the doped topological insulators NbxBi <sub>2</sub> Se <sub>3</sub> and CuxBi <sub>2</sub> Se <sub>3</sub> . Nature Communications, 2020, 11, 3056.	12.8	35
7	Role of multivalent Cu, oxygen vacancies and CuO nanophase in the ferromagnetic properties of ZnO:Cu thin films. RSC Advances, 2015, 5, 55648-55657.	3.6	29
8	Detection of interlayer interaction in few-layer graphene. Physical Review B, 2015, 92, .	3.2	22
9	Spectroscopic fingerprint of chiral Majorana modes at the edge of a quantum anomalous Hall insulator/superconductor heterostructure. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 238-242.	7.1	22
10	Dramatic enhancement of superconductivity in single-crystalline nanowire arrays of Sn. Scientific Reports, 2016, 6, 32963.	3.3	20
11	Anisotropic magnetic responses of a 2D-superconducting Bi <sub>2</sub> Te <sub>3</sub> /FeTe heterostructure. Journal of Physics Condensed Matter, 2015, 27, 345701.	1.8	7
12	The role of the coherence length for the establishment of global phase coherence in arrays of ultra-thin superconducting nanowires. Superconductor Science and Technology, 2017, 30, 105004.	3.5	5
13	Large-area epitaxial growth of MoSe <sub>2</sub> via an incandescent molybdenum source. Nanotechnology, 2017, 28, 455601.	2.6	4
14	Possible coexistence of double-Q magnetic order and checkerboard charge order in the re-entrant tetragonal phase of Ba <sub>0.76</sub> K <sub>0.24</sub> Fe <sub>2</sub> As <sub>2</sub> . Physica C: Superconductivity and Its Applications, 2017, 539, 30-34.	1.2	4
15	Pressure-induced reinforcement of interfacial superconductivity in a Bi <sub>2</sub> Te <sub>3</sub> /Fe <sub>1+y</sub> Te heterostructure. Physica C: Superconductivity and Its Applications, 2017, 543, 18-21.	1.2	3