

# Fangyuan Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1638033/publications.pdf>

Version: 2024-02-01

11  
papers

2,768  
citations

840585

11  
h-index

1281743

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

5184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observation of the layer-dependent electronic structure in phosphorene. Nature Nanotechnology, 2017, 12, 21-25.	15.6	625
2	Gate-tunable phase transitions in thin flakes of 1T-TaS <sub>2</sub> . Nature Nanotechnology, 2015, 10, 270-276.	15.6	584
3	Gate-Voltage Control of Chemical Potential and Weak Antilocalization in $\text{Bi}_2\text{Se}_3$ . Physical Review Letters, 2010, 105, 176602.	2.9	573
4	Quantum Hall effect in black phosphorus two-dimensional electron system. Nature Nanotechnology, 2016, 11, 593-597.	15.6	356
5	Electrical switching of magnetic order in an orbital Chern insulator. Nature, 2020, 588, 66-70.	13.7	179
6	Isospin magnetism and spin-polarized superconductivity in Bernal bilayer graphene. Science, 2022, 375, 774-778.	6.0	127
7	Isospin Pomeranchuk effect in twisted bilayer graphene. Nature, 2021, 592, 220-224.	13.7	125
8	Strain-Modulated Bandgap and Piezo-Resistive Effect in Black Phosphorus Field-Effect Transistors. Nano Letters, 2017, 17, 6097-6103.	4.5	117
9	Quantum Hall Effect in Electron-Doped Black Phosphorus Field-Effect Transistors. Nano Letters, 2018, 18, 6611-6616.	4.5	47
10	Experimental Determination of the Energy per Particle in Partially Filled Landau Levels. Physical Review Letters, 2021, 126, 156802.	2.9	24
11	Zeeman effect of the topological surface states revealed by quantum oscillations up to 91 Tesla. Physical Review B, 2015, 92, .	1.1	11