

# Fangyuan Yang

## List of Publications by Year in descending order

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

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11  
papers

2,768  
citations

840585

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h-index

1281743

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

5184  
citing authors

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