

# Wenshuai Gao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5351030/publications.pdf>

Version: 2024-02-01

14  
papers

437  
citations

1040056

9  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extremely Large Magnetoresistance in a Topological Semimetal Candidate Pyrite $\text{PtBi}_2$ . Physical Review Letters, 2017, 118, 256601.	7.8	114
2	A Self-Powered Photovoltaic Photodetector Based on a Lateral $\text{WSe}_2$ - $\text{WSe}_2$ Homojunction. ACS Applied Materials & Interfaces, 2020, 12, 44934-44942.	8.0	71
3	Probing the chiral anomaly by planar Hall effect in Dirac semimetal $\text{Cd}_3\text{As}_2$ nanoplates. Physical Review B, 2018, 98, .	3.3	64
4	A possible candidate for triply degenerate point fermions in trigonal layered $\text{PtBi}_2$ . Nature Communications, 2018, 9, 3249.	12.8	55
5	Field-induced topological phase transition from a three-dimensional Weyl semimetal to a two-dimensional massive Dirac metal in $\text{ZrTe}_2$ . Recognition of Fermi-arc states through the magnetoresistance quantum oscillations in Dirac semimetal $\text{Cd}_3\text{As}_2$ . Physical Review B, 2018, 98, .	3.2	33
6	Recognition of Fermi-arc states through the magnetoresistance quantum oscillations in Dirac semimetal $\text{Cd}_3\text{As}_2$ . Physical Review B, 2018, 98, .	3.2	25
7	Electrical and anisotropic magnetic properties in layered $\text{Mn}_1/3\text{TaS}_2$ crystals. Applied Physics Letters, 2018, 113, .	3.3	19
8	Magnetoresistance and Shubnikov-de Haas oscillations in layered $\text{Nb}_3\text{Te}_4$ thin flakes. Physical Review B, 2018, 97, .	3.3	18
9	Magnetic properties of the layered magnetic topological insulator $\text{Sb}_2\text{Te}_3$ . Physical Review B, 2021, 104, .	5.2	10
10	Thickness Dependence of Superconductivity in Layered Topological Superconductor $\hat{\text{I}}^2\text{-PdBi}_2$ . Nanomaterials, 2021, 11, 2826.	4.1	9
11	Novel $\sqrt{2}$ -Periodic Planar Hall Effect Due to Orbital Magnetic Moments in $\text{MnBi}_2\text{Te}_4$ . Nano Letters, 2022, 22, 73-80.	9.1	7
12	Thickness dependence of quantum transport in the topological superconductor candidate $\text{SnTaS}_2$ . Applied Physics Letters, 2022, 120, .	3.3	6
13	Electronic structure of non-centrosymmetric $\text{PtBi}_2$ studied by angle-resolved photoemission spectroscopy. Journal of Applied Physics, 2020, 128, .	2.5	5
14	Weak localization and electron-phonon interaction in layered Zintl phase $\text{SrIn}_2\text{P}_2$ single crystal. Journal of Physics Condensed Matter, 2021, 33, 245701.	1.8	1