

# Tian Liang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1712353/publications.pdf>

Version: 2024-02-01

16  
papers

4,369  
citations

687363

13  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

5592  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous transport properties in topological semimetals. Semiconductors and Semimetals, 2021, 108, 43-72.	0.7	0
2	Highly tunable topological system based on PbTe-SnTe binary alloy. Physical Review Materials, 2020, 4, .	2.4	11
3	Anomalous Hall effect in ZrTe5. Nature Physics, 2018, 14, 451-455.	16.7	192
4	Orthogonal magnetization and symmetry breaking in pyrochlore iridate Eu2Ir2O7. Nature Physics, 2017, 13, 599-603.	16.7	27
5	Anomalous Nernst Effect in the Dirac Semimetal $Cd_3As_2$ . Physical Review Letters, 2017, 118, 136601.	7.8	138
6	A pressure-induced topological phase with large Berry curvature in Pb $1\hat{a}^{\sim}$ Sn Te. Science Advances, 2017, 3, e1602510.	10.3	55
7	Magnetic phase diagram of underdoped YBa $2$ Cu $3$ O $y$ inferred from torque magnetization and thermal conductivity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12667-12672.	7.1	38
8	Dirac metal to topological metal transition at a structural phase change in Au $2$ Pb $2$ and prediction of $Z_2$ topology.	3.2	55
9	Bulk crystal growth and electronic characterization of the 3D Dirac semimetal Na3Bi. APL Materials, 2015, 3, .	5.1	76
10	Heat capacity peak at the quantum critical point of the transverse Ising magnet CoNb2O6. Nature Communications, 2015, 6, 7611.	12.8	53
11	Evidence for the chiral anomaly in the Dirac semimetal Na $3$ Bi. Science, 2015, 350, 413-416.	12.6	927
12	Ultrahigh mobility and giant magnetoresistance in the Dirac semimetal $Cd_3As_2$ . Nature Materials, 2015, 14, 280-284.	27.5	1,197
13	Wireless biomechanical power harvesting via flexible magnetostrictive ribbons. Energy and Environmental Science, 2014, 7, 2243.	30.8	7
14	Large, non-saturating magnetoresistance in WTe2. Nature, 2014, 514, 205-208.	27.8	1,329
15	Evidence for massive bulk Dirac fermions in Pb $1\hat{a}^{\sim}$ SnxSe from Nernst and thermopower experiments. Nature Communications, 2013, 4, 2696.	12.8	126
16	A ferromagnetic insulating substrate for the epitaxial growth of topological insulators. Journal of Applied Physics, 2013, 114, 114907.	2.5	138