

Liangcai Xu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

593
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

847
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal conductivity of bulk $\ln O_3$ single crystals. Physical Review Materials, 2021, 5, .	2.4	
2	Quantum oscillations, magnetic breakdown and thermal Hall effect in $Co_3Sn_2S_2$. Journal Physics D: Applied Physics, 2021, 54, 454003.	2.8	12
3	Large magnetoresistance and quantum oscillations of a ternary boride MoAlB single crystal. Physical Review B, 2020, 102, .	3.2	6
4	Finite-temperature violation of the anomalous transverse Wiedemann-Franz law. Science Advances, 2020, 6, eaaz3522.	10.3	50
5	Anomalous transverse response of Co_2 and universality of the room-temperature $\hat{\mu}_i$. Physical Review B, 2020, 101, .	3.2	59
6	High-Temperature Heat Flux Sensor Based on Tungsten-Rhenium Thin-Film Thermocouple. IEEE Sensors Journal, 2020, 20, 10444-10452.	4.7	28
7	Magnetic exchange induced Weyl state in a semimetal $EuCd_2Sb_2$. APL Materials, 2020, 8, .	5.1	37
8	Strong Pauli paramagnetic effect in the upper critical field of $KCa_2Fe_4As_4F_2$. Science China: Physics, Mechanics and Astronomy, 2020, 63, .	5.1	28
9	Planar Hall effect caused by the memory of antiferromagnetic domain walls in Mn_3Ge . Applied Physics Letters, 2020, 117, .	3.3	7
10	Chiral domain walls of Mn_3Sn and their memory. Nature Communications, 2019, 10, 3021.	12.8	58
11	Unconventional Antiferromagnetic Quantum Critical Point in $Ba(Fe_{0.97}Cr_{0.03})_2(As_{1-x}Px)_2$. Physical Review Letters, 2019, 122, 037001.	7.8	4
12	Intrinsic Anomalous Nernst Effect Amplified by Disorder in a Half-Metallic Semimetal. Physical Review X, 2019, 9, .	8.9	45
13	Fermi surface and carrier compensation of pyrite-type $PtBi_2$ revealed by quantum oscillations. Physical Review B, 2018, 98, .	3.2	13
14	Momentum-space and real-space Berry curvatures in Mn_3Sn . , 2018, 5, .		25
15	Anomalous Nernst and Righi-Leduc Effects in Mn_3Sn ; Berry Curvature and Entropy Flow. Physical Review Letters, 2017, 119, 056601.	7.8	212