

Liangcai Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9272139/publications.pdf>

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 | Anomalous Nernst and Righi-Leduc Effects in Mn_3Sn : Berry Curvature and Entropy Flow. <i>Physical Review Letters</i> , 2017, 119, 056601. | 7.8 | 212 |
| 2 | Anomalous transverse response of Co_2S_3 and universality of the room-temperature \hat{I}_\pm . <i>Physical Review B</i> , 2020, 101, . | 3.2 | 59 |
| 3 | Chiral domain walls of Mn_3Sn and their memory. <i>Nature Communications</i> , 2019, 10, 3021. | 12.8 | 58 |
| 4 | Finite-temperature violation of the anomalous transverse Wiedemann-Franz law. <i>Science Advances</i> , 2020, 6, eaaz3522. | 10.3 | 50 |
| 5 | Intrinsic Anomalous Nernst Effect Amplified by Disorder in a Half-Metallic Semimetal. <i>Physical Review X</i> , 2019, 9, . | 8.9 | 45 |
| 6 | Magnetic exchange induced Weyl state in a semimetal EuCd_2Sb_2 . <i>APL Materials</i> , 2020, 8, . | 5.1 | 37 |
| 7 | High-Temperature Heat Flux Sensor Based on Tungstenâ€“Rhenium Thin-Film Thermocouple. <i>IEEE Sensors Journal</i> , 2020, 20, 10444-10452. | 4.7 | 28 |
| 8 | Strong Pauli paramagnetic effect in the upper critical field of $\text{KCa}_2\text{Fe}_4\text{As}_4\text{F}_2$. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, . | 5.1 | 28 |
| 9 | Momentum-space and real-space Berry curvatures in Mn_3Sn . , 2018, 5, . | | 25 |
| 10 | Fermi surface and carrier compensation of pyrite-type PtBi_2 revealed by quantum oscillations. <i>Physical Review B</i> , 2018, 98, . | 3.2 | 13 |
| 11 | Quantum oscillations, magnetic breakdown and thermal Hall effect in $\text{Co}_3\text{Sn}_2\text{S}_2$. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 454003. | 2.8 | 12 |
| 12 | Thermal conductivity of bulk In_2O_3 single crystals. <i>Physical Review Materials</i> , 2021, 5, . | 2.4 | 9 |
| 13 | Planar Hall effect caused by the memory of antiferromagnetic domain walls in Mn_3Ge . <i>Applied Physics Letters</i> , 2020, 117, . | 3.3 | 7 |
| 14 | Large magnetoresistance and quantum oscillations of a ternary boride MoAlB single crystal. <i>Physical Review B</i> , 2020, 102, . | 3.2 | 6 |
| 15 | Unconventional Antiferromagnetic Quantum Critical Point in $\text{Ba}(\text{Fe}_{0.97}\text{Cr}_{0.03})_2(\text{As}_{1-x}\text{Px})_2$. <i>Physical Review Letters</i> , 2019, 122, 037001. | 7.8 | 4 |