

Hongwei Zhang

List of Publications by Year in descending order

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15
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759233

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1073
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Large anomalous Hall angle accompanying the sign change of anomalous Hall conductance in the topological half-Heusler compound HoPtBi. Physical Review B, 2021, 103, . | 3.2 | 7 |
| 2 | Large anomalous Hall angle in a topological semimetal candidate TbPtBi. Applied Physics Letters, 2021, 118, . | 3.3 | 15 |
| 3 | Large topological Hall effect in a geometrically frustrated kagome magnet Fe ₃ Sn ₂ . Applied Physics Letters, 2019, 114, . | 3.3 | 68 |
| 4 | Creation of Single Chain of Nanoscale Skyrmion Bubbles with Record-High Temperature Stability in a Geometrically Confined Nanostripe. Nano Letters, 2018, 18, 1274-1279. | 9.1 | 62 |
| 5 | Probing the chiral anomaly by planar Hall effect in Dirac semimetal $Cd_{3}Mn_{2}As_{4}$ nanoplates. Physical Review B, 2018, 98, . | 3.2 | 64 |
| 6 | Magnetoconductance and Shubnikov-de Haas oscillations in layered Nb ₃ Sn thin flakes. Physical Review B, 2018, 97, . | 3.2 | 18 |
| 7 | Large topological hall effect observed in tetragonal Mn ₂ PtSn Heusler thin film. Applied Physics Letters, 2018, 113, 062406. | 3.3 | 22 |
| 8 | Electrical and anisotropic magnetic properties in layered Mn _{1/3} Ta ₂ S ₂ crystals. Applied Physics Letters, 2018, 113, . | 3.3 | 19 |
| 9 | of Fermi-arc states through the magnetoresistance quantum oscillations in Dirac semimetal $Cd_{3}Mn_{2}As_{4}$. Applied Physics Letters, 2018, 113, . | 3.2 | 25 |
| 10 | Field-induced topological phase transition from a three-dimensional Weyl semimetal to a two-dimensional massive Dirac metal in $ZrTe_{5}$. Physical Review B, 2017, 96, . | 3.2 | 33 |
| 11 | Extremely Large Magnetoresistance in a Topological Semimetal Candidate Pyrite $PtBi_{2}$. Physical Review Letters, 2017, 118, 256601. | 7.8 | 114 |
| 12 | Magnetostructural Transformation and Magneto-responsive Properties of $MnNiGe_{1-x}Sn_x$ Alloys. IEEE Transactions on Magnetics, 2011, 47, 4041-4043. | 2.1 | 68 |
| 13 | The magnetization behavior and magnetic viscosity of Sm(Co,Fe,Cu,Zr)Z ribbons with different temperature dependence of coercivity. Journal of Applied Physics, 2010, 107, 09A707. | 2.5 | 8 |
| 14 | First order reversal curve diagrams of perpendicular magnetic anisotropy films. Journal of Applied Physics, 2009, 106, 103901. | 2.5 | 23 |
| 15 | Unconventional Anomalous Hall Effect in the Canted Antiferromagnetic Half-Heusler Compound DyPtBi. Advanced Functional Materials, 0, , 2107526. | 14.9 | 6 |