

Hongwei Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1697454/publications.pdf>

Version: 2024-02-01

15
papers

552
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

1073
citing authors

#	ARTICLE	IF	CITATIONS
1	Extremely Large Magnetoresistance in a Topological Semimetal Candidate Pyrite PtBi . Physical Review Letters, 2017, 118, 256601.	7.8	114
2	Magnetostructural Transformation and Magnetoresponse Properties of $\text{MnNiGe}_{1-x}\text{Sn}_x$ Alloys. IEEE Transactions on Magnetics, 2011, 47, 4041-4043.	2.1	68
3	Large topological Hall effect in a geometrically frustrated kagome magnet Fe_3Sn_2 . Applied Physics Letters, 2019, 114, .	3.3	68
4	Probing the chiral anomaly by planar Hall effect in Dirac semimetal Cd_3As_2 nanoplates. Physical Review B, 2018, 98, .	3.2	64
5	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
6	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, 041115.	3.2	33
7	Spin Hall Effect of Light in Cd_3As_2 . Physical Review Letters, 2017, 118, 077401.	3.2	25
8	First order reversal curve diagrams of perpendicular magnetic anisotropy films. Journal of Applied Physics, 2009, 106, 103901.	2.5	23
9	Large topological hall effect observed in tetragonal Mn_2PtSn Heusler thin film. Applied Physics Letters, 2018, 113, 062406.	3.3	22
10	Electrical and anisotropic magnetic properties in layered $\text{Mn}_1/3\text{TaS}_2$ crystals. Applied Physics Letters, 2018, 113, .	3.3	19
11	Magnetoresistance and Shubnikov-de Haas oscillations in layered Nb_3Sb thin flakes. Physical Review B, 2018, 97, .	3.2	18
12	Large anomalous Hall angle in a topological semimetal candidate TbPtBi . Applied Physics Letters, 2021, 118, .	3.3	15
13	The magnetization behavior and magnetic viscosity of $\text{Sm}(\text{Co,Fe,Cu,Zr})\text{Z}$ ribbons with different temperature dependence of coercivity. Journal of Applied Physics, 2010, 107, 09A707.	2.5	8
14	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
15	Unconventional Anomalous Hall Effect in the Canted Antiferromagnetic Half-Heusler Compound DyPtBi . Advanced Functional Materials, 0, , 2107526.	14.9	6