

Zidong Wang

List of Publications by Year in descending order

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papers

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1307366

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docs citations

16
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal generation, manipulation and thermoelectric detection of skyrmions. Nature Electronics, 2020, 3, 672-679.	13.1	86
2	Topology-Dependent Brownian Gyromotion of a Single Skyrmion. Physical Review Letters, 2020, 125, 027206.	2.9	50
3	Imaging the spin chirality of ferrimagnetic Néel skyrmions stabilized on topological antiferromagnetic Mn_3Sn . Physical Review Materials, 2021, 5, .	0.9	16
4	Generation and Hall effect of skyrmions enabled using nonmagnetic point contacts. Physical Review B, 2019, 100, .	1.1	14
5	Rapid Kerr imaging characterization of the magnetic properties of two-dimensional ferromagnetic Fe_3GeTe_2 . Applied Physics Letters, 2020, 117, .	1.5	14
6	Rare-Earth Permanent Magnet SmCo_5 for Chiral Interfacial Spin-Orbitronics. Advanced Functional Materials, 2021, 31, 2104426.	7.8	12
7	The 20-nm Skyrmion Generated at Room Temperature by Spin-Orbit Torques. Chinese Physics Letters, 2022, 39, 017501.	1.3	12
8	Driving skyrmions in a composite bilayer. Physical Review B, 2016, 94, .	1.1	7
9	Spin dynamics in driven composite multiferroics. Journal of Applied Physics, 2015, 118, .	1.1	5
10	Magneto-electric effect for multiferroic thin film by Monte Carlo simulation. EPJ Applied Physics, 2015, 70, 30303.	0.3	4
11	Dynamic response in a finite size composite multiferroic thin film. Journal of Applied Physics, 2016, 119, 124105.	1.1	3
12	Magnetolectric coupling and the manipulation of magnetic Bloch skyrmions. Applied Physics Letters, 2018, 113, .	1.5	2