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List of Publications by Year
in descending order

14 papers	279 citations	1478505 6 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	418 citing authors

#	Article	IF	Citations
1	Skyrmions with Attractive Interactions in an Ultrathin Magnetic Film. Physical Review Letters, 2016, 117, 157205.	7.8	80
2	Complex magnetic phase diagram and skyrmion lifetime in an ultrathin film from atomistic simulations. Physical Review B, 2016, 93, .	3.2	65
3	Formation and stability of metastable skyrmionic spin structures with various topologies in an ultrathin film. Physical Review B, 2017, 95, .	3.2	61
4	Inducing skyrmions in ultrathin Fe films by hydrogen exposure. Nature Communications, 2018, 9, 1571.	12.8	40
5	Spin-polarized scanning tunneling microscopy characteristics of skyrmionic spin structures exhibiting various topologies. Physical Review B, 2017, 96, .	3.2	9
6	Exchange interactions from a nonorthogonal basis set: From bulk ferromagnets to the magnetism in low-dimensional graphene systems. Physical Review B, 2019, 99, .	3.2	7
7	Theoretical study of magnetic domain walls through a cobalt nanocontact. Physical Review B, 2012, 86, .	3.2	6
8	Spin reorientation transition in an ultrathin Fe film on W(110) induced by Dzyaloshinsky-Moriya interactions. Physical Review B, 2020, 102, .	3.2	5
9	Metadynamics study of the temperature dependence of magnetic anisotropy and spin-reorientation transitions in ultrathin films. Physical Review B, 2019, 100, .	3.2	2
10	Topological charges of fullerenes. Journal of Mathematical Chemistry, 2023, 61, 335-342.	1.5	2
11	Il-Orbitals in fullerenes. Fullerenes, Nanotubes, and Carbon Nanostructures, 1997, 5, 419-427.	0.6	1
12	Non-Collinear Magnetic Configurations at Finite Temperature in Thin Films. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	1
13	The electronic properties of charged. , 1999, , .		0
14	Magnetic multilayers and nanostructures. AIP Conference Proceedings, 2001, , .	0.4	0