

Anthony S Arrott

List of Publications by Year in descending order

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13
papers

50
citations

1937685

4
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1720034

7
g-index

13
all docs

13
docs citations

13
times ranked

44
citing authors

#	ARTICLE	IF	CITATIONS
1	Micromagnetics of ultrathin films and surfaces. <i>Journal of Applied Physics</i> , 1991, 69, 5212-5214.	2.5	12
2	Visualization and Interpretation of Magnetic Configurations Using Magnetic Charge. <i>IEEE Magnetics Letters</i> , 2016, 7, 1-5.	1.1	12
3	Mode Anticipation Fields for Symmetry Breaking. <i>IEEE Transactions on Magnetics</i> , 2007, 43, 2911-2913.	2.1	5
4	Dipole-dipole interactions in the computational micromagnetism of iron (1955-2010) (invited). <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	5
5	Using magnetic charge to understand soft-magnetic materials. <i>AIP Advances</i> , 2018, 8, 047301.	1.3	4
6	Helical patterns of magnetization and magnetic charge density in iron whiskers. <i>AIP Advances</i> , 2018, 8, .	1.3	4
7	Magnetic Behavior of Polycrystalline Gadolinium Subjected to a Magneto-Thermal Protocol. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-5.	2.1	3
8	Magnetic charges suppress effects of anisotropy in polycrystalline soft ferromagnetic materials. <i>AIP Advances</i> , 2018, 8, 056114.	1.3	2
9	Magnetocaloric Effect in Nickel at Its Curie Temperature. , 1973, , .		1
10	The zilch cycle: An application of the first law of thermodynamics. <i>American Journal of Physics</i> , 1977, 45, 672-673.	0.7	1
11	Modeling the Role of the Buildup of Magnetic Charges in Low Anisotropy Polycrystalline Materials. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-5.	2.1	1
12	Effect of Uniaxial Anisotropy and Demagnetizing Effects on the Magnetic Behavior of Polycrystalline Gadolinium. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-5.	2.1	0
13	Suppression of anisotropy and inversion symmetry effects by magnetic charge density points to better motors. <i>AIP Advances</i> , 2019, 9, 035124.	1.3	0