

Anulekha De

List of Publications by Year in descending order

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11
papers

198
citations

1307594

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1281871

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235
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant amplification of intrinsic magnon modes and generation of new extrinsic modes in a two-dimensional array of interacting multiferroic nanomagnets by surface acoustic waves. <i>Nanoscale</i> , 2021, 13, 10016-10023.	5.6	13
2	Dynamic configurational anisotropy in Ni ₈₀ Fe ₂₀ antidot lattice with complex geometry. <i>Journal of Alloys and Compounds</i> , 2021, 884, 161105.	5.5	1
3	Magnetization dynamics of nanoscale magnetic materials: A perspective. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	63
4	Extreme Subwavelength Magnetoelastic Electromagnetic Antenna Implemented with Multiferroic Nanomagnets. <i>Advanced Materials Technologies</i> , 2020, 5, 2000316.	5.8	23
5	Observation of angle-dependent mode conversion and mode hopping in 2D annular antidot lattice. <i>Scientific Reports</i> , 2019, 9, 12138.	3.3	4
6	Anisotropic spin-wave dispersion in two-dimensional Ni ₈₀ Fe ₂₀ diatomic nanodot array. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 491, 165557.	2.3	4
7	Shape dependent high frequency spin-wave dynamics in nanoscale magnonic crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 487, 165263.	2.3	7
8	Hybrid Magnetodynamical Modes in a Single Magnetostrictive Nanomagnet on a Piezoelectric Substrate Arising from Magnetoelastic Modulation of Precessional Dynamics. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 43970-43977.	8.0	32
9	Field-controlled ultrafast magnetization dynamics in two-dimensional nanoscale ferromagnetic antidot arrays. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 1123-1134.	2.8	10
10	Investigation of magnetization dynamics in 2D Ni ₈₀ Fe ₂₀ diatomic nanodot arrays. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 385002.	2.8	11
11	Continuous wave external-cavity quantum cascade laser-based high-resolution cavity ring-down spectrometer for ultrasensitive trace gas detection. <i>Optics Letters</i> , 2016, 41, 1949.	3.3	30