

Anulekha De

List of Publications by Year in descending order

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papers

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citations

1307594

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11
g-index

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all docs

11
docs citations

11
times ranked

235
citing authors

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