

Guru Venkat

List of Publications by Year in descending order

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12
papers

199
citations

1307594

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1281871

11
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12
all docs

12
docs citations

12
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Proposal for a Standard Micromagnetic Problem: Spin Wave Dispersion in a Magnonic Waveguide. IEEE Transactions on Magnetics, 2013, 49, 524-529.	2.1	73
2	Absorbing boundary layers for spin wave micromagnetics. Journal of Magnetism and Magnetic Materials, 2018, 450, 34-39.	2.3	39
3	Dynamically Driven Emergence in a Nanomagnetic System. Advanced Functional Materials, 2021, 31, 2008389.	14.9	30
4	Spin Seebeck effect in polycrystalline yttrium iron garnet pellets prepared by the solid-state method. Europhysics Letters, 2019, 126, 37001.	2.0	13
5	Magnon diffusion lengths in bulk and thin film $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Fe} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mathvariant="normal"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ for spin Seebeck applications. Physical Review Materials, 2020, 4, .	2.4	11
6	Charge Transport through Functionalized Graphene Quantum Dots Embedded in a Polyaniline Matrix. ACS Applied Electronic Materials, 2021, 3, 1437-1446.	4.3	9
7	Magnetic and structural properties of CoFeB thin films grown by pulsed laser deposition. Materials Research Express, 2020, 7, 106406.	1.6	8
8	Micromagnetic and Plane Wave Analysis of an Antidot Magnonic Crystal with a Ring Defect. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	6
9	Measurement of the heat flux normalized spin Seebeck coefficient of thin films as a function of temperature. Review of Scientific Instruments, 2020, 91, 073910.	1.3	4
10	An Iterative Solution for Spin-Wave Dispersion in a Magnonic Ring. IEEE Transactions on Magnetics, 2014, 50, 1-6.	2.1	3
11	Enhanced spin wave propagation in magnonic rings by bias field modulation. AIP Advances, 2018, 8, 056006.	1.3	3
12	Magnetization spin dynamics in a (LuBi) ₃ Fe ₅ O ₁₂ (BLIG) epitaxial film. Journal of Magnetism and Magnetic Materials, 2018, 448, 159-164.	2.3	0