

Guru Venkat

List of Publications by Year in descending order

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12
papers

199
citations

1307594

7
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1281871

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12
all docs

12
docs citations

12
times ranked

348
citing authors

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