

Amit Chanda

List of Publications by Year in descending order

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papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Scaling of the Thermally Induced Sign Inversion of Longitudinal Spin Seebeck Effect in a Compensated Ferrimagnet: Role of Magnetic Anisotropy. <i>Advanced Functional Materials</i> , 2022, 32, 2109170. | 14.9 | 19 |
| 2 | Broadband Electron Spin Resonance Study in a Sr_2FeMo_6 Double Perovskite. <i>ACS Omega</i> , 2020, 5, 17611-17616. | 3.5 | 13 |
| 3 | Tunable competing magnetic anisotropies and spin reconfigurations in ferrimagnetic $\text{Fe}_{1-x}\text{Mn}_x$ alloy films. <i>Physical Review B</i> , 2021, 104, . | 2.2 | 100 |
| 4 | Influence of magnetic field on electrical and thermal transport in the hole doped ferromagnetic manganite: $\text{La}_{0.9}\text{Na}_{0.1}\text{MnO}_3$. <i>RSC Advances</i> , 2019, 9, 1726-1733. | 3.6 | 12 |
| 5 | Spin Seebeck Effect in Iron Oxide Thin Films: Effects of Phase Transition, Phase Coexistence, And Surface Magnetism. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13468-13479. | 8.0 | 11 |
| 6 | Effects of external magnetic field and hydrostatic pressure on magnetic and structural phase transitions in $\text{Pr}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$. <i>Journal of Applied Physics</i> , 2018, 124, . | 2.5 | 7 |
| 7 | Anomalous Nernst effect in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{CoO}_3$. <i>AIP Advances</i> , 2021, 11, . | 1.3 | 7 |
| 8 | Detection of electron paramagnetic resonance in $\text{La}_{0.6}\text{Ca}_{0.4}\text{MnO}_3$ using a copper stripcoil. <i>AIP Advances</i> , 2019, 9, . | 1.3 | 6 |
| 9 | Microwave magnetoimpedance and ferromagnetic resonance in $\text{Pr}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$. <i>RSC Advances</i> , 2019, 9, 29246-29254. | 3.6 | 5 |
| 10 | Thermal Generation of Spin Current and Magnon Propagation Length in Compensated Ferrimagnetic $\text{Gd}_{1-x}\text{Fe}_x\text{O}_6$, Thin Films. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-5. | 2.1 | 5 |
| 11 | Current-Driven Spin Precession in Bulk $\text{Nd}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18226-18233. | 3.1 | 4 |
| 12 | Pressure dependence of resistivity and magnetic properties in a $\text{Mn}_{1.9}\text{Cr}_{0.1}\text{Sb}$ alloy. <i>AIP Advances</i> , 2017, 7, . | 1.3 | 3 |
| 13 | The effect of hydrostatic pressure on magnetostructural transition in ferromagnetic cobaltite: $\text{Pr}_{0.6}\text{Sr}_{0.4}\text{CoO}_3$. <i>AIP Advances</i> , 2018, 8, . | 1.3 | 3 |
| 14 | Broadband magnetotransport in $\text{La}_{0.6}\text{Sr}_{0.4}\text{Mn}_{1-x}\text{GaxO}_3$ ($0.0 \leq x \leq 0.3$) at room temperature. <i>Journal of Applied Physics</i> , 2019, 126, 083905. | 2.5 | 3 |
| 15 | Rare earth size dependence of Nernst thermopower in ferromagnetic perovskites: $\text{R}_{0.6}\text{Sr}_{0.4}\text{CoO}_3$ ($\text{R} = \text{La}, \text{Pr}, \text{and Nd}$). <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 537, 168240. | 2.3 | 3 |
| 16 | Enhancement of Magnetoresistance by Co Substitution in $\text{Pr}_{0.6}\text{Sr}_{0.4}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-5. | 2.2 | 3 |
| 17 | Low-field microwave absorption in Ga-doped polycrystalline $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ in the frequency range from 0.1 to 4 GHz. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 15175-15183. | 2.2 | 2 |
| 18 | Microwave magnetoabsorption in $\text{R}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ ($\text{R} = \text{Pr and Nd}$). <i>Journal Physics D: Applied Physics</i> , 2020, 53, 215004. | 2.8 | 2 |

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|----|--|-----|-----------|
| 19 | Tunable Spin Correlated Plasmons Ranging from Infrared to Ultraviolet in Pr _{0.6} Sr _{0.4} Co _{1-x} Mn _x O ₃ . Physica Status Solidi - Rapid Research Letters, 2021, 15, 2000257. | 2.4 | 2 |
| 20 | Sharp steps in magnetization, magnetoresistance, and magnetostriction in Pr _{0.6} Sr _{0.4} Co _{1-x} Ga _x O ₃ . Applied Physics Letters, 2020, 117, . | 3.3 | 1 |
| 21 | Suppression of charge ordering and evolution of ferromagnetism in Ru substituted Bi _{1-x} Ca _x MnO ₃ , , 2018, , . | | 0 |