

Amit Chanda

List of Publications by Year in descending order

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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	Thermal Generation of Spin Current and Magnon Propagation Length in Compensated Ferrimagnetic Gd ₂ Fe ₁₆ Thin Films. <i>IEEE Transactions on Magnetics</i> , 2022, 58, 1-5.	2.1	5
3	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
4	Tunable Spin Correlated Plasmons Ranging from Infrared to Ultraviolet in Pr _{0.6} Sr _{0.4} Co _{1-x} Mn _x O ₃ . <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2000257.	2.4	2
5	Anomalous Nernst effect in Pr _{0.5} Sr _{0.5} CoO ₃ . <i>AIP Advances</i> , 2021, 11, .	1.3	7
6	Tunable competing magnetic anisotropies and spin reconfigurations in ferrimagnetic $Fe_{100-x}Co_x$ alloy films. <i>Physical Review B</i> , 2021, 104, .		
7	Rare earth size dependence of Nernst thermopower in ferromagnetic perovskites: R _{0.6} Sr _{0.4} CoO ₃ (R=La, Pr, and Nd). <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 537, 168240.	2.3	3
8	Current-Driven Spin Precession in Bulk Nd _{0.6} Sr _{0.4} MnO ₃ . <i>Journal of Physical Chemistry C</i> , 2020, 124, 18226-18233.	3.1	4
9	Sharp steps in magnetization, magnetoresistance, and magnetostriction in Pr _{0.6} Sr _{0.4} Co _{1-x} Ga _x O ₃ . <i>Applied Physics Letters</i> , 2020, 117, .	3.3	1
10	Low-field microwave absorption in Ga-doped polycrystalline La _{0.6} Sr _{0.4} 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
11	Broadband Electron Spin Resonance Study in a Sr ₂ FeMoO ₆ Double Perovskite. <i>ACS Omega</i> , 2020, 5, 17611-17616.	3.5	13
12	Microwave magnetoabsorption in R _{0.6} Sr _{0.4} MnO ₃ (R = Pr and Nd). <i>Journal Physics D: Applied Physics</i> , 2020, 53, 215004.	2.8	2
13	Broadband magnetotransport in La _{0.6} Sr _{0.4} Mn _{1-x} Ga _x O ₃ (0 ≤ x ≤ 0.3) at room temperature. <i>Journal of Applied Physics</i> , 2019, 126, 083905.	2.5	3
14	Influence of magnetic field on electrical and thermal transport in the hole doped ferromagnetic manganese: La _{0.9} Na _{0.1} MnO ₃ . <i>RSC Advances</i> , 2019, 9, 1726-1733.	3.6	12
15	Microwave magnetoimpedance and ferromagnetic resonance in Pr _{0.6} Sr _{0.4} MnO ₃ . <i>RSC Advances</i> , 2019, 9, 29246-29254.	3.6	5
16	Detection of electron paramagnetic resonance in La _{0.6} Ca _{0.4} MnO ₃ using a copper stripcoil. <i>AIP Advances</i> , 2019, 9, .	1.3	6
17	Suppression of charge ordering and evolution of ferromagnetism in Ru substituted Bi _{0.5} Ca _{0.5} MnO ₃ . , 2018, , .		0
18	The effect of hydrostatic pressure on magnetostructural transition in ferromagnetic cobaltite: Pr _{0.6} Sr _{0.4} CoO ₃ . <i>AIP Advances</i> , 2018, 8, .	1.3	3

#	ARTICLE	IF	CITATIONS
19	Enhancement of Magnetoresistance by Co Substitution in $\text{Pr}_{0.6}\text{Sr}_{0.4}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$. IEEE Transactions on Magnetics, 2018, 54, 1-5.		3
20	Effects of external magnetic field and hydrostatic pressure on magnetic and structural phase transitions in $\text{Pr}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$. Journal of Applied Physics, 2018, 124, .	2.5	7
21	Pressure dependence of resistivity and magnetic properties in a $\text{Mn}_{1.9}\text{Cr}_{0.1}\text{Sb}$ alloy. AIP Advances, 2017, 7, .	1.3	3