

Ramanathan Mahendiran

List of Publications by Year in descending order

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177
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Physical properties of microwave and solid state synthesized La _{0.7} Na _{0.3} MnO ₃ . Ceramics International, 2022, 48, 12209-12216. | 2.3 | 3 |
| 2 | Anomalous Nernst Effect in Perovskite La _{0.5} Ca _{0.5} CoO ₃ . IEEE Transactions on Magnetics, 2022, 58, 1-5. | 1.2 | 1 |
| 3 | Effects of Ca doping on the phase transitions of V_2O_3 . Physical Review B, 2022, 105, . | 1.1 | 2 |
| 4 | Electrical detection of ferromagnetic resonance in bulk YIG sample covered with a layer of silver paint. AIP Advances, 2022, 12, . | 0.6 | 1 |
| 5 | Magnetostriction in microwave synthesized La _{0.5} Ba _{0.5} CoO ₃ . AIP Advances, 2022, 12, 035344. | 0.6 | 0 |
| 6 | 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. | 1.2 | 2 |
| 7 | Magnetoconductance, magnetothermopower, magnetothermal conductivity and magnetostriction in La _{1-x} Na _x MnO ₃ . T_j ETQq1 1 0.784314 rgBT / Qv 2.3 | 2.3 | 7 |
| 8 | Paramagnetic resonance in La ₂ NiMnO ₆ probed by impedance and lock-in detection techniques. Journal of Magnetism and Magnetic Materials, 2021, 518, 167400. | 1.0 | 2 |
| 9 | High-frequency magnetotransport in La _{1-x} Sr _x MnO ₃ (x = 0.12-0.20). AIP Advances, 2021, 11, 015345. | 0.6 | 0 |
| 10 | Anomalous Nernst effect in Pr _{0.5} Sr _{0.5} CoO ₃ . AIP Advances, 2021, 11, . | 0.6 | 7 |
| 11 | Microwave Magnetoresistance and Microwave Absorption in Sr ₂ FeMoO ₆ . ACS Applied Electronic Materials, 2021, 3, 3072-3078. | 2.0 | 5 |
| 12 | Electrically Detected Paramagnetic Resonance in Ag-Paint-Coated Polycrystalline DPPH. Journal of Physical Chemistry C, 2021, 125, 18438-18443. | 1.5 | 5 |
| 13 | Broad-energy oxygen ion implantation controlled magnetization dynamics in CoFeTaZr. Journal of Alloys and Compounds, 2021, 872, 159685. | 2.8 | 4 |
| 14 | Rare earth size dependence of Nernst thermopower in ferromagnetic perovskites: R _{0.6} Sr _{0.4} CoO ₃ (R = La, Pr, and Nd). Journal of Magnetism and Magnetic Materials, 2021, 537, 168240. | 1.0 | 3 |
| 15 | Ac magnetoresistance and microwave absorption in Sr ₂ FeMoO ₆ . AIP Advances, 2021, 11, . | 0.6 | 3 |
| 16 | Broadband magnetoresistance in ferromagnetic and paramagnetic samples of La _{0.7} Ca _{0.3} Sr _x MnO ₃ . Journal of Magnetism and Magnetic Materials, 2020, 499, 166287. | 1.0 | 6 |
| 17 | Large thermoelectric response of B-site doped ferroelectrics: Ba _{0.7} Eu _{0.3} Ti _{1-x} Nb _x O ₃ (x = 0 to 0.1). Journal of Solid State Chemistry, 2020, 281, 121050. | 1.4 | 3 |
| 18 | Current-Driven Spin Precession in Bulk Nd _{0.6} Sr _{0.4} MnO ₃ . Journal of Physical Chemistry C, 2020, 124, 18226-18233. | 1.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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, . | 1.5 | 1 |
| 20 | 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. Journal of Materials Science: Materials in Electronics, 2020, 31, 15175-15183. | 1.1 | 2 |
| 21 | Magnetoimpedance of Epitaxial Y ₃ Fe ₅ O ₁₂ (001) Thin Film in Low-Frequency Regime. ACS Applied Materials & Interfaces, 2020, 12, 41802-41809. | 4.0 | 8 |
| 22 | Detection of L-band electron paramagnetic resonance in the DPPH molecule using impedance measurements. RSC Advances, 2020, 10, 17311-17316. | 1.7 | 3 |
| 23 | Broadband Electron Spin Resonance Study in a Sr ₂ FeMoO ₆ Double Perovskite. ACS Omega, 2020, 5, 17611-17616. | 1.6 | 13 |
| 24 | Microwave magnetoabsorption in R _{0.6} Sr _{0.4} MnO ₃ (R = Pr and Nd). Journal Physics D: Applied Physics, 2020, 53, 215004. | 1.3 | 2 |
| 25 | Observation of phase dependent voltage signals in microwave spin pumping experiments. Applied Physics Letters, 2019, 115, . | 1.5 | 4 |
| 26 | Broadband magnetotransport in La _{0.6} Sr _{0.4} Mn _{1-x} Ga _x O ₃ (0.0 ≤ x ≤ 0.3) at room temperature. Journal of Applied Physics, 2019, 126, 083905. | 1.1 | 3 |
| 27 | Detection of electron spin resonance via magnetoimpedance in La _{1-x} Ca _x MnO ₃ . Applied Physics Letters, 2019, 115, . | 1.5 | 8 |
| 28 | Magnetoimpedance Response of a Double-Exchange Metallic Ferromagnet La _{0.80} Sr _{0.20} MnO ₃ . IEEE Transactions on Magnetics, 2019, , 1-5. | 1.2 | 1 |
| 29 | Origin of quasilocal plasmons in Nb-substituted EuTiO ₃ . Physical Review B, 2019, 100, . | 1.1 | 4 |
| 30 | Influence of magnetic field on electrical and thermal transport in the hole doped ferromagnetic manganite: La _{0.9} Na _{0.1} MnO ₃ . RSC Advances, 2019, 9, 1726-1733. | 1.7 | 12 |
| 31 | Enhanced Magnetocaloric Effect Driven by Hydrostatic Pressure in Na-Doped LaMnO ₃ . Journal of Physical Chemistry C, 2019, 123, 3750-3757. | 1.5 | 13 |
| 32 | Broad band magnetotransport at room temperature in La _{0.7} Sr _{0.3-x} Ca _x MnO ₃ : Electrically detected magnetic resonances. Journal of Magnetism and Magnetic Materials, 2019, 488, 165377. | 1.0 | 3 |
| 33 | Skew scattering dominated anomalous Nernst effect in La _{1-x} Na _x MnO ₃ . Journal of Applied Physics, 2019, 125, . | 1.1 | 7 |
| 34 | Magnetoresistance and thermoelectric transport in EuTi ₁ -Nb O ₃ . Solid State Communications, 2019, 293, 33-39. | 0.9 | 0 |
| 35 | Microwave magnetoimpedance and ferromagnetic resonance in Pr _{0.6} Sr _{0.4} MnO ₃ . RSC Advances, 2019, 9, 29246-29254. | 1.7 | 5 |
| 36 | Detection of electron paramagnetic resonance in La _{0.6} Ca _{0.4} MnO ₃ using a copper stripcoil. AIP Advances, 2019, 9, . | 0.6 | 6 |

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|----|--|-----|-----------|
| 37 | Colossal magnetoresistance in low-doped $\text{EuTi}_{1-x}\text{Nb}_x\text{O}_3$ ($x=0.003$ and 0.005). Journal of Applied Physics, 2019, 125, 023910. | 1.1 | 1 |
| 38 | Effect of phonon anharmonicity on ferroelectricity in $\text{EuTi}_{1-x}\text{Nb}_x\text{O}_3$. $E < u < B < a < 1 < \hat{a} < x < /mml:mrow < /mml:math$ | 0.9 | 16 |
| 39 | Strong electron-phonon interaction and colossal magnetoresistance in EuTiO_3 . European Physical Journal B, 2018, 91, 1. | 0.6 | 1 |
| 40 | Electrical detection of multiple ferromagnetic resonance modes in interlayer exchange coupled $\text{Fe}_{20}\text{Ni}_{80}/\text{Ru}/\text{Fe}_{20}\text{Ni}_{80}$ multilayers. Applied Physics Letters, 2018, 113, . | 1.5 | 6 |
| 41 | Quasilocals plasmons in the insulator-metal transition in the Mott-type perovskites $\text{EuTi}_{1-x}\text{Nb}_x\text{O}_3$. $E < u < B < a < 1 < \hat{a} < x < /mml:mrow < /mml:math$ | 1.1 | 13 |
| 42 | The effect of hydrostatic pressure on magnetostructural transition in ferromagnetic cobaltite: $\text{Pr}_{0.6}\text{Sr}_{0.4}\text{CoO}_3$. AIP Advances, 2018, 8, . | 0.6 | 3 |
| 43 | Oxygen electronic screening and hybridization determining the insulator-metal transition of $\text{EuTi}_{1-x}\text{Nb}_x\text{O}_3$. Physical Review B, 2018, 98, . | 1.1 | 2 |
| 44 | Enhancing the Low-Field Magnetoresistance by AC Current Excitation in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$. IEEE Transactions on Magnetics, 2018, 54, 1-5. | 1.2 | 2 |
| 45 | 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. | | |
| 46 | 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, . | 1.1 | 7 |
| 47 | Indirect Permeability Measurements Using a μ Strip Coil for $\text{Co}_{0.6}\text{Zn}_{0.4}\text{Fe}_{1.7}\text{Mn}_{0.3}\text{O}_4$. IEEE Transactions on Magnetics, 2018, 54, 1-4. | 1.2 | 4 |
| 48 | Solution-processed 2-dimensional hole-doped ionic graphene compounds. Materials Horizons, 2017, 4, 456-463. | 6.4 | 3 |
| 49 | Large magnetoresistance over a wide temperature range in $\text{Eu}_{0.99}\text{La}_{0.01}\text{TiO}_3$. Europhysics Letters, 2017, 118, 57008. | 0.7 | 3 |
| 50 | Pressure dependence of resistivity and magnetic properties in a $\text{Mn}_{1.9}\text{Cr}_{0.1}\text{Sb}$ alloy. AIP Advances, 2017, 7, . | 0.6 | 3 |
| 51 | Room temperature giant magnetoimpedance in polycrystalline $\text{La}_{0.75}\text{Ba}_{0.25}\text{MnO}_3$. AIP Advances, 2016, 6, . | 0.6 | 6 |
| 52 | Magnetocaloric properties of $\text{Eu}_{1-x}\text{La}_x\text{TiO}_3$ ($0.01 \leq x \leq 0.2$) for cryogenic magnetic cooling. Journal of Applied Physics, 2016, 119, 243901. | 1.1 | 12 |
| 53 | Large adiabatic temperature and magnetic entropy changes in $\text{EuTi}_{1-x}\text{Nb}_x\text{O}_3$. Physical Review B, 2016, 93, . | 1.1 | 100 |
| 54 | Critical behavior in polycrystalline $\text{La}_{0.7}\text{Sr}_{0.3}\text{CoO}_3$ from bulk magnetization study. Journal of Alloys and Compounds, 2016, 659, 203-209. | 2.8 | 19 |

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|----|---|-----|-----------|
| 55 | Magnetic Field Dependence of Dielectric Constant and Resistivity of $\text{Eu}_{0.98}\text{Ba}_{0.02}\text{TiO}_3$. IEEE Transactions on Magnetics, 2016, 52, 1-4. | 1.2 | 0 |
| 56 | Magnetic field dependence of electrical resistivity and thermopower in $\text{Ni}_{50}\text{Mn}_{37}\text{Sn}_{13}$ ribbons. AIP Advances, 2015, 5, . | 0.6 | 6 |
| 57 | Critical behavior of resistivity in the pressure-induced first to second order transition in $\text{Pr}_{0.6}\text{Ca}_{0.4}\text{Mn}_{0.96}\text{B}_{0.04}\text{O}_3$ (B=Co and Cr) polycrystals. AIP Conference Proceedings, 2015, , . | 0.3 | 0 |
| 58 | Magnetothermopower, magnetic entropy change, and magnetoresistance in ferromagnetic cobaltites: $\text{R}_{0.7}\text{Sr}_{0.3}\text{CoO}_3$ (R=La and Gd). Applied Physics Letters, 2015, 106, . | 1.5 | 9 |
| 59 | Optimization of Ni-Co-Mn-Sn Heusler alloy composition for near room temperature magnetic cooling. Journal of Alloys and Compounds, 2015, 618, 187-191. | 2.8 | 41 |
| 60 | Critical behavior of resistivity in the pressure-induced first to second order transition in $\text{Pr}_{0.6}\text{Ca}_{0.4}\text{Mn}_{0.96}\text{B}_{0.04}\text{O}_3$ (B = Co and Cr). Journal of Alloys and Compounds, 2015, 618, 159-166. | 2.8 | 7 |
| 61 | Neutron diffraction study for structure and magnetism of $\text{Bi}_{0.4}\text{Ca}_{0.6}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ (x= 0.1 and 0.2). Materials Research Express, 2014, 1, 036105. | 0.8 | 1 |
| 62 | Effect of hydrostatic pressure on magnetic and magnetocaloric properties of Mn-site doped perovskite manganites $\text{Pr}_{0.6}\text{Ca}_{0.4}\text{Mn}_{0.96}\text{B}_{0.04}\text{O}_3$ (B=Co and Cr). Journal of Applied Physics, 2014, 115, . | 1.1 | 21 |
| 63 | Giant magnetocaloric effect in magnetoelectric $\text{Eu}_{1-x}\text{Ba}_x\text{TiO}_3$. Applied Physics Letters, 2014, 104, 032407. | 1.5 | 35 |
| 64 | Electrical detection of spin reorientation transition in ferromagnetic $\text{La}_{0.4}\text{Sm}_{0.3}\text{Sr}_{0.3}\text{MnO}_3$. Journal of Applied Physics, 2013, 113, . | 1.1 | 7 |
| 65 | Heat capacity, thermopower and magnetoresistance effects in multiferroic $\text{La}_{0.5}\text{Bi}_{0.5}\text{Mn}_{0.5}\text{Fe}_{0.5}\text{O}_3$. Journal of Materials Science, 2013, 48, 7629-7634. | 1.7 | 8 |
| 66 | Giant magnetothermopower in charge ordered $\text{Nd}_{0.75}\text{Na}_{0.25}\text{MnO}_3$. Applied Physics Letters, 2013, 103, . | 1.5 | 15 |
| 67 | Interplay of 3d-4f exchange interaction in $\text{Pr}_{0.5-x}\text{Nd}_x\text{Sr}_{0.5}\text{CoO}_3$. Journal of Applied Physics, 2013, 113, 17E303. | 1.1 | 2 |
| 68 | Jahn-Teller assisted polaron hopping and associated dielectric response of $\text{PrFe}_{0.5}\text{Mn}_{0.5}\text{O}_{2.95}$. Applied Physics Letters, 2013, 103, . | 1.5 | 19 |
| 69 | Tunable spin reorientation transition and magnetocaloric effect in $\text{Sm}_{0.7}\text{La}_x\text{Sr}_{0.3}\text{MnO}_3$ series. Journal of Applied Physics, 2013, 113, . | 1.1 | 21 |
| 70 | Normal and inverse magnetocaloric effects in ferromagnetic $\text{Pr}_{0.58}\text{Sr}_{0.42}\text{MnO}_3$. Journal of Applied Physics, 2013, 113, . | 1.1 | 9 |
| 71 | Influence of Ga doping on rare earth moment ordering and ferromagnetic transition in $\text{Nd}_{0.7}\text{Sr}_{0.3}\text{Co}_{1-x}\text{Ga}_x\text{O}_3$. Journal of Applied Physics, 2013, 113, . | 1.1 | 2 |
| 72 | Effect of hydrostatic pressure on magnetic entropy change and critical behavior of the perovskite manganite $\text{La}_{0.4}\text{Bi}_{0.3}\text{Sr}_{0.3}\text{MnO}_3$. Journal of Applied Physics, 2013, 113, . | 1.1 | 13 |

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|----|--|-----|-----------|
| 73 | Correlation between magnetoresistivity and magnetic entropy change in the 3D-Heisenberg ferromagnet CuCr ₂ Te ₄ . Journal of Applied Physics, 2013, 113, . | 1.1 | 7 |
| 74 | Effect of Eu Doping on Magnetocaloric Effect in Sm _{0.6} Sr _{0.4} MnO ₃ . Integrated Ferroelectrics, 2013, 142, 1-6. | 0.3 | 5 |
| 75 | Pressure dependence of resistivity and magnetoresistance in Pr-doped La _{0.7} Ca _{0.3} MnO ₃ . Journal of Applied Physics, 2013, 113, 17D721. | 1.1 | 1 |
| 76 | Low-Field Ac Magnetotransport in La _{0.6} Bi _{0.1} Sr _{0.3} MnO ₃ . ECS Transactions, 2013, 50, 253-260. | 0.3 | 0 |
| 77 | Alternating current magnetotransport in Sm _{0.1} La _{0.6} Sr _{0.3} MnO ₃ . AIP Advances, 2013, 3, 012114. | 0.6 | 8 |
| 78 | Impact of Fe doping on radiofrequency magnetotransport in La _{0.7} Sr _{0.3} Mn _{1-x} Fe _x O ₃ . Journal of Applied Physics, 2012, 111, 07D728. | 1.1 | 2 |
| 79 | Pressure effect on Bi _{0.4} Ca _{0.6} Mn _{1-x} Ru _x O ₃ manganite: Enhanced ferromagnetism and collapsed exchange bias. Journal of Applied Physics, 2012, 112, . | 1.1 | 6 |
| 80 | Room Temperature Giant Magnetoimpedance Effect in La _{0.6} Bi _{0.1} Sr _{0.3} MnO ₃ . ECS Solid State Letters, 2012, 1, N21-N23. | 1.4 | 0 |
| 81 | Composition Dependence of Magnetocaloric Effect in Pr _{0.6} Ca _{0.4} Mn _{1-x} Cr _x O ₃ ($x = 0.02 \text{--} 0.08$). Journal of Nanoscience and Nanotechnology, 2012, 12, 573-577. | 0.9 | 1 |
| 82 | Investigation of magnetocaloric effect in La _{0.45} Pr _{0.25} Ca _{0.3} MnO ₃ by magnetic, differential scanning calorimetry and thermal analysis. Journal of Magnetism and Magnetic Materials, 2012, 324, 3351-3355. | 1.0 | 6 |
| 83 | Influence of rare earth moment ordering on magnetic entropy change in Nd _{0.5} Sr _{0.5} CoO ₃ . Applied Physics Letters, 2012, 101, 042411. | 1.5 | 14 |
| 84 | Magnetocaloric effect and magnetothermopower in the room temperature ferromagnet Pr _{0.6} Sr _{0.4} MnO ₃ . Journal of Applied Physics, 2012, 112, . | 1.1 | 47 |
| 85 | A comparative study of magnetic and dielectric behaviors for La _{1-x} Bi _x Mn _{1-y} Fe _y O ₃ series 8 (with $x = 0.5, 0.7$ and $y = 0.3, 0.7$). Journal of Physics Condensed Matter, 2012, 24, 255902. | | 8 |
| 86 | Magnetic and calorimetric studies of magnetocaloric effect in La _{0.7-x} Pr _x Ca _{0.3} MnO ₃ . Journal of Applied Physics, 2012, 111, . | 1.1 | 18 |
| 87 | Magnetic and calorimetric investigations of inverse magnetocaloric effect in Pr _{0.46} Sr _{0.54} MnO ₃ . Applied Physics Letters, 2011, 98, . | 1.5 | 44 |
| 88 | Effect of impurity doping at the Mn-site on magnetocaloric effect in Pr _{0.6} Ca _{0.4} Mn _{0.96} B _{0.04} O ₃ (B=Al). Tj ETQq0 Q0 rgBT /Overlock 10 | 1.1 | 24 |
| 89 | Normal and inverse magnetocaloric effects in ferromagnetic Sm _{0.6-x} La _x Sr _{0.4} MnO ₃ . Journal of Applied Physics, 2011, 110, . | 1.1 | 26 |
| 90 | Dynamical magnetotransport in Ln _{0.6} Sr _{0.4} MnO ₃ (Ln = La, Sm). Journal of Applied Physics, 2011, 109, 07C728. | 1.1 | 3 |

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|-----|--|-----|-----------|
| 91 | Effect of Bi Doping on Magnetoresistance in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$. Journal of Nanoscience and Nanotechnology, 2011, 11, 2603-2606. | 0.9 | 4 |
| 92 | Anomalous alternating current magnetoresistance in $\text{La}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Ni}_x\text{O}_3$ ($x=0.04$). Journal of Applied Physics, 2011, 109, 07D724. | | 1 |
| 93 | Ac magnetotransport in $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{0.95}\text{Fe}_{0.05}\text{O}_3$ at low dc magnetic fields. Solid State Communications, 2011, 151, 1986-1989. | 0.9 | 3 |
| 94 | High Frequency Electrical Transport in $\text{La}_{0.67}\text{Ba}_{0.33}\text{MnO}_3$. IEEE Transactions on Magnetics, 2011, 47, 2712-2715. | 1.2 | 1 |
| 95 | Magnetic and Magnetoabsorption Studies in Multiferroic $\text{Ga}_{2-x}\text{Fe}_x\text{O}_3$ Nanoparticles. IEEE Transactions on Magnetics, 2011, 47, 3776-3779. | 1.2 | 1 |
| 96 | Large reversible magnetocaloric effect in $\text{La}_{0.7-x}\text{Pr}_x\text{Ca}_{0.3}\text{MnO}_3$. Journal of Applied Physics, 2011, 110, . | 1.1 | 57 |
| 97 | Effect of Fe substitution on magnetocaloric effect in $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ ($0.05 \leq x \leq 0.20$). Journal of Magnetism and Magnetic Materials, 2011, 323, 1015-1021. | 1.0 | 95 |
| 98 | Wavelength sensitive photo-sensing from discrete crystalline tungsten oxide nanowires. Sensors and Actuators B: Chemical, 2011, 151, 320-326. | 4.0 | 8 |
| 99 | Effect of Ru-substitution on electrical and magnetocaloric properties of $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{0.5}\text{Ca}_{0.2}\text{O}_3$. Solid State Communications, 2011, 151, 107-111. | 0.9 | 12 |
| 100 | Effect of Ru-Doping on Magnetocaloric Effect in Pr Based Charge Ordered Manganites. IEEE Transactions on Magnetics, 2010, 46, 1652-1655. | 1.2 | 2 |
| 101 | Detection of structural and magnetic transitions in $\text{La}_{0.67}\text{Ba}_{0.23}\text{Ca}_{0.1}\text{MnO}_3$ using the rf resonance technique. Journal of Magnetism and Magnetic Materials, 2010, 322, 2754-2757. | 1.0 | 1 |
| 102 | Charge order and its destruction effects on magnetocaloric properties of manganites. Thin Solid Films, 2010, 518, e65-e67. | 0.8 | 4 |
| 103 | Current-induced magnetoresistance avalanche in $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_{0.5}\text{Ca}_{0.2}\text{O}_3$. Solid State Communications, 2010, 150, 961-965. | 0.9 | 3 |
| 104 | A comparison of magnetocaloric effect in (La and Sr ; and 0.04). Solid State Communications, 2010, 150, 1445-1449. | 0.9 | 23 |
| 105 | Normal and inverse magnetocaloric effects in. Solid State Communications, 2010, 150, 1670-1673. | 0.9 | 39 |
| 106 | Spatial dependence of magnetoimpedance in. Solid State Communications, 2010, 150, 2127-2130. | 0.9 | 0 |
| 107 | Giant ac electrical response of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ in sub-kilogauss magnetic fields. Materials Research Society Symposia Proceedings, 2010, 1256, 1. | 0.1 | 0 |
| 108 | Influence of length and measurement geometry on magnetoimpedance in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$. Applied Physics Letters, 2010, 96, 032502. | 1.5 | 12 |

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|-----|--|-----|-----------|
| 109 | Effect of Ru doping on magnetoresistance and magnetocaloric effect in $\text{Bi}_{0.4}\text{Ca}_{0.6}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ ($x=0.2$). Journal of Applied Physics, 2010, 107, . | 1.1 | 8 |
| 110 | Radio frequency detection of structural anomaly and magnetoimpedance in $\text{La}_{0.67}\text{Ba}_{0.23}\text{Ca}_{0.1}\text{MnO}_3$. Journal of Applied Physics, 2010, 107, 09D720. | 1.1 | 3 |
| 111 | Current driven discontinuous insulator-metal transition and low-field colossal magnetoresistance in $\text{Sm}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$. Applied Physics Letters, 2010, 96, 152504. | 1.5 | 17 |
| 112 | Effect of Bi doping on magnetic and magnetocaloric properties of $\text{La}_{0.7-x}\text{Bi}_x\text{Sr}_{0.3}\text{MnO}_3$ ($x=0.4$). Journal of Applied Physics, 2010, 107, . | 1.1 | 38 |
| 113 | Electrical, magnetic, magnetodielectric, and magnetoabsorption studies in multiferroic GaFeO_3 . Journal of Applied Physics, 2009, 106, . | 1.1 | 56 |
| 114 | Pulse width controlled resistivity switching at room temperature in $\text{Bi}_{0.8}\text{Sr}_{0.2}\text{MnO}_3$. Applied Physics Letters, 2009, 94, 112107. | 1.5 | 11 |
| 115 | Magnetically tunable rf wave absorption in polycrystalline $\text{La}_{0.67}\text{Ba}_{0.33}\text{MnO}_3$. Applied Physics Letters, 2009, 94, 142505. | 1.5 | 15 |
| 116 | Huge ac magnetoresistance of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ in subkilogauss magnetic fields. Journal of Applied Physics, 2009, 106, 073905. | 1.1 | 25 |
| 117 | Magneto-thermal cooling with a phase separated manganite. Applied Physics Letters, 2009, 95, 232509. | 1.5 | 1 |
| 118 | Magnetization reversal and interlayer coupling in $\text{Co}_{50}\text{Fe}_{50}$ nanomagnets. Journal of Applied Physics, 2009, 105, 023916. | 1.1 | 15 |
| 119 | Carbothermal synthesis, spectral and magnetic characterization and Li-cyclability of the Mo-cluster compounds, LiYMo_3O_8 and $\text{Mn}_2\text{Mo}_3\text{O}_8$. Electrochimica Acta, 2009, 54, 3360-3373. | 2.6 | 82 |
| 120 | Current induced electroresistance in $\text{Nd}_{0.5}\text{Ca}_{0.5}\text{Mn}_{0.95}\text{Ni}_{0.05}\text{O}_3$. Solid State Communications, 2009, 149, 673-677. | 0.9 | 7 |
| 121 | Magnetic and magnetoelectric studies in pure and cation doped. Solid State Communications, 2009, 149, 754-758. | 0.9 | 122 |
| 122 | Low-field magnetoimpedance in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MO}_3$ ($M=\text{Mn},\text{Co}$). Solid State Communications, 2009, 149, 1204-1208. | 0.9 | 6 |
| 123 | A large magnetoinductance effect in $\text{La}_{0.67}\text{Ba}_{0.33}\text{MnO}_3$. Applied Physics Letters, 2009, 95, 082503. | 1.5 | 7 |
| 124 | Unusual field dependence of radio frequency magnetoimpedance in $\text{La}_{0.67}\text{Ba}_{0.33}\text{MnO}_3$. Europhysics Letters, 2009, 86, 27004. | 0.7 | 17 |
| 125 | Composition dependence of magnetocaloric effect in $\text{Sm}_{1-x}\text{Sr}_x\text{MnO}_3$ ($x=0.3-0.5$). Applied Physics Letters, 2008, 93, . | 1.5 | 59 |
| 126 | Giant magnetoimpedance and high frequency electrical detection of magnetic transition in $\text{La}_{0.7}\text{Sr}_{0.25}\text{MnO}_3$. Journal Physics D: Applied Physics, 2008, 41, 022001. | 1.3 | 7 |

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|-----|---|-----|-----------|
| 127 | Changes of magnetic domain structure induced by temperature-variation and electron-beam irradiation in Pr _{0.5} Sr _{0.5} CoO ₃ . Applied Physics Letters, 2005, 86, 131913. | 1.5 | 24 |
| 128 | Field-induced avalanche to the ferromagnetic state in the phase-separated ground state of manganites. Physical Review B, 2004, 70, . | 1.1 | 32 |
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