# Xiao-Shan Wu

## List of Publications by Citations



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|---|---|---|---|
| 134 papers | 1,056 citations | 17 h-index | 26 g-index |
| 140 ext. papers | 1,263 ext. citations | 3.4 avg, IF | 4.22 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 134 | Facile hydrothermal synthesis of hydrotropic Cu2ZnSnS4 nanocrystal quantum dots: band-gap engineering and phonon confinement effect. *Journal of Materials Chemistry A*, **2013**, 1, 3182 | 13 | 118 |
| 133 | Above-room-temperature molecular ferroelectric and fast switchable dielectric of diisopropylammonium perchlorate. *Journal of Materials Chemistry C*, **2014**, 2, 9957-9963 | 7.1 | 48 |
| 132 | Chemical ordering suppresses large-scale electronic phase separation in doped manganites. *Nature Communications*, **2016**, 7, 11260 | 17.4 | 43 |
| 131 | Effects of local structural distortion on magnetization in BiFeO3 with Pr, Ba co-doping. *Journal of Applied Physics*, **2012**, 111, 07C707 | 2.5 | 39 |
| 130 | Investigation of Ge1-xSnx/Ge with high Sn composition grown at low-temperature. *AIP Advances*, **2011**, 1, 042118 | 1.5 | 31 |
| 129 | Surface structure of strontium titanate. *Journal of Applied Physics*, **2009**, 105, 083526 | 2.5 | 30 |
| 128 | Ferroelectricity of the Orthorhombic and Tetragonal MAPbBr Single Crystal. *Journal of Physical Chemistry Letters*, **2019**, 10, 2522-2527 | 6.4 | 25 |
| 127 | The growth mechanism and ferroelectric domains of diisopropylammonium bromide films synthesized via 12-crown-4 addition at room temperature. *Physical Chemistry Chemical Physics*, **2016**, 18, 7626-31 | 3.6 | 24 |
| 126 | Room-temperature growth of ferroelectric diisopropylammonium bromide with 12-crown-4 addition. *CrystEngComm*, **2015**, 17, 2429-2432 | 3.3 | 23 |
| 125 | New Molecular Ferroelectrics Accompanied by Ultrahigh Second-Harmonic Generation. *Journal of Physical Chemistry Letters*, **2016**, 7, 1756-62 | 6.4 | 23 |
| 124 | Tunable Fano resonance and magneto-optical response in magnetoplasmonic structure fabricated by pure ferromagnetic metals. *Physical Review B*, **2016**, 93, | 3.3 | 20 |
| 123 | Molecular Ferroelectric Pyridin-4-ylmethanaminium Perchlorate Undergoes Paraelectric□Ferroelectric and Ferroelectric□Ferroelectric Phase Transitions. *Journal of Physical Chemistry C*, **2016**, 120, 2925-2931 | 3.8 | 20 |
| 122 | Two reversible ferroelectric phase transitions in diisopropylammonium perchlorate. *RSC Advances*, **2015**, 5, 62647-62651 | 3.7 | 19 |
| 121 | Catalyst- and template-free low-temperature in situ growth of n-type CdS nanowire on p-type CdTe film and p-n heterojunction properties. *Scientific Reports*, **2016**, 6, 38858 | 4.9 | 19 |
| 120 | From quasi-two-dimensional metal with ferromagnetic bilayers to Mott insulator with G-type antiferromagnetic order in Ca3(Ru1□Tix)2O7. *Physical Review B*, **2013**, 87, | 3.3 | 18 |
| 119 | Switching properties of Nd- and La-doped Bi4Ti3O12 thin films under applied stress. *Physical Review B*, **2005**, 72, | 3.3 | 18 |
| 118 | NIR-Activated Multimodal Photothermal/Chemodynamic/Magnetic Resonance Imaging Nanoplatform for Anticancer Therapy by Fe(II) Ions Doped MXenes (Fe-Ti C ). *Small*, **2021**, 17, e2101705 | 11 | 18 |

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|---|---|---|---|
| 117 | Thermodynamic stability of BaTiO3 (110) surfaces. *Physica Status Solidi (B): Basic Research*, **2012**, 249, 796-800 | 1.3 | 17 |
| 116 | Interplay between the lattice and spin degrees of freedom in (Sr1−xCax)3Ru2O7. *Physical Review B*, **2010**, 82, | 3.3 | 17 |
| 115 | A high-temperature organic–inorganic ferroelectric with outstanding switchable dielectric characteristics. *RSC Advances*, **2017**, 7, 47933-47937 | 3.7 | 16 |
| 114 | Direct experimental evidence of physical origin of electronic phase separation in manganites. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 7090-7094 | 11.5 | 16 |
| 113 | Effects of substrate on structure and the magnetic properties of (001)-textured FePt films grown at low temperature. *Journal of Applied Physics*, **2012**, 111, 07A704 | 2.5 | 15 |
| 112 | A series of high-temperature molecular ferroelectric crystals: chlorine doped diisopropylammonium bromide. *Journal of Materials Chemistry C*, **2016**, 4, 1959-1963 | 7.1 | 13 |
| 111 | Structural and electronic properties of PbTiO3/SrTiO3 superlattices from first principles. *Physical Review B*, **2010**, 82, | 3.3 | 13 |
| 110 | Synthesis and crystal structure of double-perovskite compound Sr2FeMoO6. *Powder Diffraction*, **2010**, 25, S17-S21 | 1.8 | 13 |
| 109 | 2D/3D interface engineering: direct Z-scheme g-C3N4/YMnO3 heterojunction for reinforced visible-light photocatalytic oxidation. *Journal of Materials Science: Materials in Electronics*, **2019**, 30, 17601-17611 | 2.1 | 12 |
| 108 | Enhancement of orbital ordering and spin polarization by controlling the dimensionality of the octahedra network. *Npj Quantum Materials*, **2016**, 1, | 5 | 12 |
| 107 | Effect of thermal stability on magnetoresistance in NiO spin valve. *Journal of Applied Physics*, **2004**, 95, 7294-7296 | 2.5 | 12 |
| 106 | Ferromagnetism in CuFeSb: Evidence of competing magnetic interactions in iron-based superconductors. *Physical Review B*, **2012**, 85, | 3.3 | 11 |
| 105 | High-Temperature Molecular Ferroelectric Tris(2-hydroxyethyl) Ammonium Bromide with Dielectric Relaxation. *Journal of Physical Chemistry Letters*, **2019**, 10, 6650-6655 | 6.4 | 10 |
| 104 | An accurate method of iodometric titration to measure copper valence of high-T c superconductors. *Journal of Superconductivity and Novel Magnetism*, **1997**, 10, 41-44 | | 10 |
| 103 | Investigation of the mechanism of the Ag/SiNx firing-through process of screen-printed silicon solar cells. *RSC Advances*, **2014**, 4, 24384-24388 | 3.7 | 9 |
| 102 | Magnetic properties and local microstructures in Zn-doped YMnO3. *Journal of Applied Physics*, **2014**, 115, 133907 | 2.5 | 9 |
| 101 | Effects of A-site cation disorder on structure and magnetocaloric properties in Y and Sr codoped La2−xCa1+xMnO3 compounds. *Journal of Applied Physics*, **2009**, 105, 07D713 | 2.5 | 9 |
| 100 | Composition effects on structure and optical properties in double perovskite derivatives semiconductors Cs2SnI6−xBrx (x = 0–6). *APL Materials*, **2020**, 8, 021102 | 5.7 | 9 |

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|---|---|---|---|
| 99 | The Evidence of Giant Surface Flexoelectric Field in (111) Oriented BiFeO Thin Film. *ACS Applied Materials & Interfaces*, **2017**, 9, 5600-5606 | 9.5 | 8 |
| 98 | The effect of Dy□e co-doping on the structural and magnetic properties of h-YMnO3. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 8872-8877 | 2.1 | 8 |
| 97 | Spin torque effect on topological defects and transitions of magnetic domain phases in Ta/CoFeB/MgO. *Physical Review B*, **2019**, 99, | 3.3 | 8 |
| 96 | Synthesis and Properties of Bi2Fe4O9 with FeCl2□6H2O Addition. *Journal of the American Ceramic Society*, **2015**, 98, 1128-1132 | 3.8 | 8 |
| 95 | Intrinsic topological insulator Bi(1.5)Sb(0.5)Te(3-x)Se(x) thin crystals. *Scientific Reports*, **2015**, 5, 7931 | 4.9 | 8 |
| 94 | Niobium carbide (MXene) reduces UHMWPE particle-induced osteolysis. *Bioactive Materials*, **2022**, 8, 435-448 | 16.7 | 8 |
| 93 | Synthesis of rGO/PS compound with sandwich structure on Ni foam as binder-free electrode for supercapacitor. *Functional Materials Letters*, **2017**, 10, 1750032 | 1.2 | 7 |
| 92 | Mott transition controlled by lattice-orbital coupling in 3d-metal-doped double-layer ruthenates. *Physical Review B*, **2017**, 96, | 3.3 | 7 |
| 91 | X-Ray Diffraction Studies on Yttrium-Doped La0.67Ca0.33MnO3. *Journal of Superconductivity and Novel Magnetism*, **2004**, 17, 247-251 | | 7 |
| 90 | Topological magnon insulator spin excitations in the two-dimensional ferromagnet CrBr3. *Physical Review B*, **2021**, 104, | 3.3 | 7 |
| 89 | Magnetic phase separation in double layer ruthenates Ca3(Ru(1-x)Ti(x))2O7. *Scientific Reports*, **2016**, 6, 19462 | 4.9 | 7 |
| 88 | Crystal structure and optical performance in bulk □nSe single crystals. *AIP Advances*, **2019**, 9, 025013 | 1.5 | 6 |
| 87 | Nonvolatile Electric-Field Control of Ferromagnetic Resonance and Spin Pumping in Pt/YIG at Room Temperature. *Advanced Electronic Materials*, **2019**, 5, 1800663 | 6.4 | 6 |
| 86 | Imaging superatomic molecular orbitals in a C60 molecule through four 800-nm photons. *International Journal of Modern Physics B*, **2015**, 29, 1550115 | 1.1 | 6 |
| 85 | Ferroelectricity of trimethylammonium bromide below room temperature. *Journal of Materials Chemistry C*, **2020**, 8, 5868-5872 | 7.1 | 6 |
| 84 | Thermal conductivity enhancements and viscosity properties of water based Nanofluid containing carbon nanotubes decorated with ag nanoparticles. *Heat and Mass Transfer*, **2018**, 54, 1847-1852 | 2.2 | 6 |
| 83 | Abnormal enhancement of ferromagnetism for LaMnO3+□thin films with decreasing oxygen pressure. *AIP Advances*, **2017**, 7, 055837 | 1.5 | 6 |
| 82 | Detecting p-type conduction in Ba-doped InN. *Applied Physics Letters*, **2013**, 102, 042109 | 3.4 | 6 |

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| 81 | Effects of Gd2O3 addition in YBa2Cu3O7□ on the critical current density. *Journal of Applied Physics*, **2008**, 103, 07C714 | 2.5 | 6 |
| 80 | Improvement in solar cell efficiency based on the MAPbI3 films extracted by a mixed anti-solvent. *Applied Physics Letters*, **2020**, 117, 203901 | 3.4 | 6 |
| 79 | Room temperature ferroelectricity and blue photoluminescence in zero dimensional organic lead iodine perovskites. *Journal of Materials Chemistry C*, **2021**, 9, 223-227 | 7.1 | 6 |
| 78 | Coupling Among Carriers and Phonons in Femtosecond Laser Pulses Excited SrRuO3: A Promising Candidate for Optomechanical and Optoelectronic Applications. *ACS Applied Nano Materials*, **2019**, 2, 3882-3888 | 5.6 | 5 |
| 77 | Structural properties of InN on PbTiO3 (111) surfaces. *Journal of Materials Science*, **2014**, 49, 4715-4721 | 4.3 | 5 |
| 76 | SPIN-FRUSTRATED EFFECT AND THE MAGNETIC PROPERTIES IN YMn1-xAlxO3. *Modern Physics Letters B*, **2013**, 27, 1350163 | 1.6 | 5 |
| 75 | Effect of annealing on the microstructures and the magnetic properties of [Fe/Pt]16 multilayers on MgO (001) substrates. *Journal of the Korean Physical Society*, **2013**, 63, 521-524 | 0.6 | 5 |
| 74 | Ferromagnetic behavior in Mn-doped LaAlO3 single crystals. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2012**, 9, 97-100 | | 5 |
| 73 | Investigation of structure and magnetic properties of Ru-doped YMnO3. *Journal of Applied Physics*, **2016**, 120, 044102 | 2.5 | 5 |
| 72 | Spin Hall effect and current induced magnetic switching in antiferromagnetic IrMn. *AIP Advances*, **2018**, 8, 115323 | 1.5 | 5 |
| 71 | Chiral Zn-Based Organic-Inorganic Hybrid Ferroelectrics with Large Polarization and Luminescence. *Advanced Optical Materials*, **2022**, 10, 2101905 | 8.1 | 5 |
| 70 | Structural and ferroelectric properties of orthogonal crystalline in Fe-doped HoMnO3 synthesized at normal pressure. *Journal of Materials Science: Materials in Electronics*, **2019**, 30, 7629-7636 | 2.1 | 4 |
| 69 | Synthesis of graphene on Ni foam with enhanced capacitive performance by embedding PS spacers. *Materials Technology*, **2019**, 34, 499-505 | 2.1 | 4 |
| 68 | Nonmonotonic crossover in electronic phase separated manganite superlattices driven by the superlattice period. *Physical Review B*, **2020**, 102, | 3.3 | 4 |
| 67 | First-principles study of Sr adsorption on InN (0001). *European Physical Journal B*, **2010**, 73, 75-78 | 1.2 | 4 |
| 66 | Effect of Interfacial Roughness Configuration on the Exchange-Bias Field in NiO Based Spin Valves. *Journal of Superconductivity and Novel Magnetism*, **2010**, 23, 863-866 | 1.5 | 4 |
| 65 | Coexistence of superconductivity and antiferromagnetism in the La1□PrxBa2Cu3O7 system. *Journal of Applied Physics*, **2001**, 89, 7663-7665 | 2.5 | 4 |
| 64 | Synthesis of CdTe thin films on flexible metal foil by electrodeposition. *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1 | 2.6 | 4 |

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| 63 | Mixed magnetic exchange interactions and ferromagnetic diffuse phase transition of La1−MnO3+−manganites. *International Journal of Modern Physics B*, **2017**, 31, 1750051 | 1.1 | 3 |
| 62 | Spin-orbit torque-mediated spin-wave excitation as an alternative paradigm for femtomagnetism. *Journal of Applied Physics*, **2019**, 126, 103906 | 2.5 | 3 |
| 61 | Facile and novel in situ low-temperature growth of Cu2S nanoarrays based on Cu substrates. *Applied Physics A: Materials Science and Processing*, **2019**, 125, 1 | 2.6 | 3 |
| 60 | Laser Induced Multiphoton Effects in Nano-Graphene Molecules. *Applied Sciences (Switzerland)*, **2013**, 3, 278-287 | 2.6 | 3 |
| 59 | Structural, magnetic, and electronic transport properties of (Sr0.9Ca0.1)3Ru2O7 single crystal. *Journal of Applied Physics*, **2009**, 105, 07E323 | 2.5 | 3 |
| 58 | Inverse magnetoresistance caused by nano-nitride-layer doping at the inner interfaces in the sandwich of Co-Cu-Co. *Journal of Applied Physics*, **2006**, 99, 08R507 | 2.5 | 3 |
| 57 | Spin Gap Characteristic of Y(Ba1−Gdx)2Cu3O7− *Journal of Superconductivity and Novel Magnetism*, **2000**, 13, 393-400 | | 3 |
| 56 | An Organic-Inorganic Hybrid Pyrrolidinium Ferroelectric Based on Solvent Selective Effect. *Inorganic Chemistry*, **2021**, 60, 17212-17218 | 5.1 | 3 |
| 55 | Properties and growth of large single crystals of one-dimensional organic lead iodine perovskite. *CrystEngComm*, **2020**, 22, 7090-7094 | 3.3 | 3 |
| 54 | Magnetism and Transport Properties of Sr2Ru1−CoxO4 with x0.25. *Journal of the American Ceramic Society*, **2016**, 99, 2024-2028 | 3.8 | 3 |
| 53 | Photo-degradation organic dyes by Sb-based organic-inorganic hybrid ferroelectrics. *Journal of Environmental Sciences*, **2021**, 101, 145-155 | 6.4 | 3 |
| 52 | Anisotropic lattice strain induced by the enhanced electronic hybridization in SrTiO3. *Applied Physics Letters*, **2018**, 113, 242903 | 3.4 | 3 |
| 51 | Polarized Raman Scattering Studies of Hexagonal YMnO3 Single Crystal. *IEEE Transactions on Magnetics*, **2015**, 51, 1-4 | 2 | 2 |
| 50 | Dielectric and Conductivity Relaxation of rGO@CdS Nanocomposites via In Situ Assembly of CdS Nanoparticles on an rGO Layer. *Journal of Physical Chemistry C*, **2020**, 124, 25133-25141 | 3.8 | 2 |
| 49 | Magnetic and transport properties of Ba and Co co-doped SrRuO3. *AIP Advances*, **2017**, 7, 125021 | 1.5 | 2 |
| 48 | Exchange bias induced by the fully strained La2/3Ca1/3MnO3 dead layers. *Journal of Applied Physics*, **2014**, 115, 17D701 | 2.5 | 2 |
| 47 | Effect of Structural Disorders on Magnetocaloric Effect in $hbox{La}_{2/3-{rm x}}hbox{Gd}_{rm x}hbox{Sr}_{1/3-{rm y}}hbox{Ba}_{rm y}hbox{MnO}_{3}$ . *IEEE Transactions on Magnetics*, **2011**, 47, 2466-2469 | 2 | 2 |
| 46 | A structural transition of Fe-doped superconducting cuprates. *Journal of Superconductivity and Novel Magnetism*, **1997**, 10, 45-48 | | 2 |

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|---|---|---|---|
| 45 | Positron annihilation in hydrogenated YBCO superconductor. *Journal of Materials Science*, **1998**, 33, 3623-3628 | 1.3 | 2 |
| 44 | Grain-boundary effects on magnetotransport properties in La2/3Ca1/3MnO3/YBa1.8Eu0.2Cu3O7 multilayers. *Journal of Applied Physics*, **2008**, 103, 07F711 | 2.5 | 2 |
| 43 | SURFACE MORPHOLOGY AND TRANSPORT PROPERTY IN La2/3Ca1/3MnO3, YBa1.8Eu0.2Cu3O7 PERIODIC FILMS. *Surface Review and Letters*, **2007**, 14, 841-844 | 1.1 | 2 |
| 42 | EFFECTS OF Sc SUBSTITUTING Y IN YBa2Cu3O7-δ ON THE FLUX PINNING PROPERTIES. *International Journal of Modern Physics B*, **2007**, 21, 3180-3182 | 1.1 | 2 |
| 41 | A BILAYER BUFFER USING 214T Eu2CuO4 AND CUBIC YSZ FOR GROWING YBa2Cu3Oy THIN FILMS ON Si. *Surface Review and Letters*, **2007**, 14, 773-777 | 1.1 | 2 |
| 40 | MAGNETORESISTANCE IN NANO-SCALE NiO-CONTAINING Co/Cu/Co SPIN VALVES. *International Journal of Modern Physics B*, **2005**, 19, 2574-2579 | 1.1 | 2 |
| 39 | Comparison of Superconductivity and Structure for Lanthanum Replacing for Barium and Copper in YBa2Cu3Od. *Journal of Superconductivity and Novel Magnetism*, **2001**, 14, 525-530 | | 2 |
| 38 | Cd(II)-based metal–organic framework-derived CdS photocatalysts for enhancement of photocatalytic activity. *Journal of Materials Science*, **2021**, 56, 8643-8657 | 4.3 | 2 |
| 37 | Electron mass enhancement and magnetic phase separation near the Mott transition in double-layer ruthenates. *Frontiers of Physics*, **2018**, 13, 1 | 3.7 | 2 |
| 36 | Competition of magnetic ordering and spin-phonon coupling in multiferroic hexagonal YMn1−xCrxO3. *Journal of Applied Physics*, **2019**, 126, 114103 | 2.5 | 1 |
| 35 | The magnetic transition temperature tuned by strain in YMn0.9Ru0.1O3 thin films. *AIP Advances*, **2018**, 8, 055805 | 1.5 | 1 |
| 34 | Effect of Co doping at the B-site on the structure and transport properties in La2/3Ca1/3MnO3. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2012**, 9, 118-121 | | 1 |
| 33 | Universal Scaling Analysis on Vortex-Glass State of High-Temperature Superconductor ${rm HgBa}_{2}{rm Ca}_{2}{rm Cu}_{3}{rm O}_{8+delta}$ . *IEEE Transactions on Magnetics*, **2011**, 47, 2600-2603 | 2 | 1 |
| 32 | Phase separation induced by cation disorder and strain in (La,Y)2/3(Ca,Sr)1/3MnO3 films. *Journal of Applied Physics*, **2009**, 105, 07D714 | 2.5 | 1 |
| 31 | PHASE SEPARATION INDUCED BY CATION DISORDER IN (La, Y)2/3(Sr, Ca)1/3MnO3. *International Journal of Modern Physics B*, **2011**, 25, 1501-1509 | 1.1 | 1 |
| 30 | MICROSTRUCTURE AND MAGNETORESISTANCE OFCaCuxMn3-xMn4O12. *International Journal of Modern Physics B*, **2011**, 25, 83-89 | 1.1 | 1 |
| 29 | Effects of Structural Collapse and Magnetic Moment on Magnetization in ${rm Bi}_{0.8-{rm x}}{rm Pr}_{rm x}{rm Ba}_{0.2}{rm FeO}_{3}$ ${{rm x}leq 0.1)$ Multiferroics. *IEEE Transactions on Magnetics*, **2012**, 48, 4022-4025 | 2 | 1 |
| 28 | Spin dependence scattering and spin-flip effect on the current-in-plane transport behavior in NiO-based-spin valve. *Physica Status Solidi (B): Basic Research*, **2010**, 247, 329-334 | 1.3 | 1 |

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|---|---|---|---|
| 27 | SUBSTRATE EFFECTS ON SURFACE MORPHOLOGY IN (La2/3-xYx) (Ca1/3-ySry) MnO3 FILMS. *Surface Review and Letters*, **2007**, 14, 845-848 | 1.1 | 1 |
| 26 | EVOLUTION OF SPIN OF A QUANTUM DOT EMBEDDED IN A SUPERCONDUCTING RING. *International Journal of Modern Physics B*, **2007**, 21, 3151-3155 | 1.1 | 1 |
| 25 | DISLOCATION DENSITY IN SrTiO3 FILM GROWN ON DyScO3 BY PULSE LASER ABLATION. *Surface Review and Letters*, **2007**, 14, 779-782 | 1.1 | 1 |
| 24 | Influence of different surface-passivation dielectrics on high-temperature strain relaxation of AlGaN in AlGaN□aN heterostructures. *Journal of Vacuum Science & Technology B*, **2007**, 25, 1896 | | 1 |
| 23 | Crystal structure of Cu doped La0.67Ca0.33MnO3 by Rietveld refinement. *Powder Diffraction*, **2004**, 19, 329-332 | 1.8 | 1 |
| 22 | THICKNESS DEPENDENCE OF MORPHOLOGY IN La2/3Ca1/3MnO3 THIN FILMS. *International Journal of Modern Physics B*, **2005**, 19, 2409-2414 | 1.1 | 1 |
| 21 | The crystal structure of La0.7Pr0.3Ba2Cu3Od ceramic compound. *Powder Diffraction*, **2002**, 17, 25-29 | 1.8 | 1 |
| 20 | Comparison of Superconductivity and Structure for YBa2Cu3Oy with Potassium and Sodium Doping. *Journal of Superconductivity and Novel Magnetism*, **2000**, 13, 653-658 | | 1 |
| 19 | Structure determination and Rietveld refinement of Y0.8Ca0.2Ba1.8La0.2Cu3Oy. *Powder Diffraction*, **2001**, 16, 212-215 | 1.8 | 1 |
| 18 | Two phase co-existence in YBa2(Cu1□Cox)3O7□superconductor with x=0.03. *Journal of Materials Science*, **1996**, 31, 6113-6117 | 4.3 | 1 |
| 17 | Structure study on SrRu(1-x)MnxO4 using the extended X-ray absorption fine structure spectroscopy. *Journal of X-Ray Science and Technology*, **2015**, 23, 611-6 | 2.1 | |
| 16 | Effects of thermal treatment on structure and magnetic properties of nonstoichiometric perovskite-type oxides La0.67Sr0.15?0.18MnO3-□*Physica Status Solidi (A) Applications and Materials Science*, **2011**, 208, 2365-2368 | 1.6 | |
| 15 | Magnetically tunable properties related with carriers density in self-doped La1□MnO3/y wt %Nb□rTiO3 heteroepitaxial junctions. *Journal of Applied Physics*, **2010**, 107, 09C704 | 2.5 | |
| 14 | X-ray diffraction study on YBa2Cu3O7□with BaCuO2 addition. *Powder Diffraction*, **2010**, 25, S52-S54 | 1.8 | |
| 13 | Strain Effect in Cation Disorder Manganite Films. *Journal of Superconductivity and Novel Magnetism*, **2010**, 23, 867-870 | 1.5 | |
| 12 | Comparison Between Top and Bottom NiO-Pinning Spin Valves: Correlation Between the Extraordinary Hall Effect and Resistivity. *IEEE Transactions on Magnetics*, **2007**, 43, 2842-2844 | 2 | |
| 11 | STRESS EFFECTS ON Bi3.25La0.75Ti3O12 THIN FILMS. *Integrated Ferroelectrics*, **2006**, 79, 47-54 | 0.8 | |
| 10 | THE RESISTIVITY INDUCED BY THE VARIATION OF Co IONS SPIN CONFIGURATION IN La2/3Ca1/3Mn1-xCoxO3. *International Journal of Modern Physics B*, **2007**, 21, 3398-3400 | 1.1 | |

# List of Publications

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|---|---|---|
| 9 | Doping effects of a nano-nitride layer at the interfaces of a NiO/Co/Cu/Co/Cu structure. *Physica Status Solidi (A) Applications and Materials Science*, **2006**, 203, 956-962 | 1.6 |
| 8 | An X-ray scattering study on inverted GeSi huts grown at low temperatures. *Powder Diffraction*, **2004**, 19, 347-351 | 1.8 |
| 7 | Abnormal Structural Behavior of Y0.8Ca0.2Ba1.8Nd0.2Cu3Oy at Low Temperature. *Journal of Superconductivity and Novel Magnetism*, **2000**, 13, 645-651 | |
| 6 | Ferroelectric properties in metal-coordinated complex tris(2-hydroxyethyl) ammonium trichloro cadmium(ii). *Journal of Materials Chemistry C*, **2022**, 10, 2255-2262 | 7.1 |
| 5 | Adjustment of Electromagnetic Properties in SrRuO3 via Ru Content. *Journal of Superconductivity and Novel Magnetism*,1 | 1.5 |
| 4 | Developments in Synchrotron X-ray Diffraction **2018**, 67-80 | |
| 3 | Amplifying photocurrent of graphene on GeSn film by sandwiching a thin oxide between them. *Applied Physics Letters*, **2020**, 117, 152106 | 3.4 |
| 2 | Ferromagnetic insulating behavior at low temperature induced by Sn doping in the ceramic SrRuO3. *Journal of the American Ceramic Society*, **2021**, 104, 4086-4094 | 3.8 |
| 1 | Phases competition in half-doped La0.5-xDyxCa0.5-ySryMnO3 films. *AIP Advances*, **2021**, 11, 045029 | 1.5 |