

# Himanshu Sharma

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

225  
citations

1163117

8  
h-index

996975

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

364  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Scanning magneto-optical Kerr effect (MOKE) measurement with element-selectivity by using a soft x-ray free-electron laser and an ellipsoidal mirror. Applied Physics Letters, 2020, 117, .                               | 3.3 | 6         |
| 2  | Effect of B-site bismuth doping on magnetic and transport properties of La <sub>0.5</sub> Ca <sub>0.5</sub> Mn <sub>1-x</sub> Bi <sub>x</sub> O <sub>3</sub> thin films. Journal of Materials Science, 2019, 54, 130-138. | 3.7 | 9         |
| 3  | Anomaly in anomalous Nernst effect at low temperature for C <sub>1-b</sub> -type NiMnSb half-Heusler alloy thin film. Japanese Journal of Applied Physics, 2019, 58, SBB103.  | 1.5 | 12        |
| 4  | Controlled synthesis and enhanced tunnelling magnetoresistance in oriented Fe <sub>3</sub> O <sub>4</sub> nanorod assemblies. Journal Physics D: Applied Physics, 2018, 51, 085002.                                       | 2.8 | 27        |
| 5  | Electric field controlled magnetization and charge-ordering in Pr <sub>0.6</sub> Ca <sub>0.4</sub> MnO <sub>3</sub> . Materials Chemistry and Physics, 2017, 194, 142-146.  | 4.0 | 10        |
| 6  | Electric field controlled magnetization and transport properties of La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> ultrathin film. Materials Chemistry and Physics, 2017, 186, 523-527.                             | 4.0 | 1         |
| 7  | Engineering Magnetic and Tunneling Magnetoresistance Properties of Co <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> Nanorods. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700505.           | 1.8 | 6         |
| 8  | Magnetism in La <sub>0.7</sub> Sr <sub>0.3</sub> Mn <sub>1-x</sub> CoxO <sub>3</sub> (0 ≤ x ≤ 1). AIP Conference Proceedings, 2016, , .   | 0.4 | 6         |
| 9  | Planar Nernst and Hall effect in patterned ultrathin film of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> . Materials Chemistry and Physics, 2016, 180, 390-395.  | 4.0 | 6         |
| 10 | Sign reversal of angular dependence of Planar Hall Effect in La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> /SrTiO <sub>3</sub> ultrathin film. Materials Chemistry and Physics, 2016, 180, 5-8.                    | 4.0 | 7         |
| 11 | Extreme sensitivity of magnetic properties on the synthesis routes in La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> . AIP Conference Proceedings, 2016, , .  | 0.4 | 2         |
| 12 | Large tunneling magnetoresistance in octahedral Fe <sub>3</sub> O <sub>4</sub> nanoparticles. AIP Advances, 2016, 6, .  | 1.3 | 26        |
| 13 | A novel ZnO piezoelectric microcantilever energy scavenger: Fabrication and characterization. Sensing and Bio-Sensing Research, 2016, 9, 45-52.   | 4.2 | 57        |
| 14 | Growth and angular dependent resistivity of Nb <sub>2</sub> Pd <sub>0.73</sub> S <sub>5.7</sub> superconducting single crystals fiber. Materials Chemistry and Physics, 2015, 164, 46-50.                                 | 4.0 | 4         |
| 15 | Sign reversal of anisotropic magnetoresistance in La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> /SrTiO <sub>3</sub> ultrathin films. Applied Physics Letters, 2014, 105, .   | 3.3 | 20        |
| 16 | Substitution effect on magnetic and electrical properties of half-Heusler alloy Ni <sub>1-x</sub> CoxMn <sub>1-y</sub> FeySb. , 2014, , .   |     | 0         |
| 17 | Pulsed Laser Deposited Ferromagnetic Chromium Dioxide thin Films for Applications in Spintronics. Physics Procedia, 2014, 54, 62-69.  | 1.2 | 14        |
| 18 | In-plane anisotropy in La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> (LSMO) patterned thin film. , 2014, , .   |     | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Optimization of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> thin film by pulsed laser deposition for spin injection. Physica B: Condensed Matter, 2014, 448, 103-106. | 2.7 | 9         |
| 20 | Optimization of manganites thin film for electric field and strain control. , 2013, , .  |     | 2         |