

Himanshu Sharma

List of Publications by Year in descending order

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papers

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citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A novel ZnO piezoelectric microcantilever energy scavenger: Fabrication and characterization. Sensing and Bio-Sensing Research, 2016, 9, 45-52.	4.2	57
2	Controlled synthesis and enhanced tunnelling magnetoresistance in oriented Fe ₃ O ₄ nanorod assemblies. Journal Physics D: Applied Physics, 2018, 51, 085002.	2.8	27
3	Large tunneling magnetoresistance in octahedral Fe ₃ O ₄ nanoparticles. AIP Advances, 2016, 6, .	1.3	26
4	Sign reversal of anisotropic magnetoresistance in La _{0.7} Ca _{0.3} MnO ₃ /SrTiO ₃ ultrathin films. Applied Physics Letters, 2014, 105, .	3.3	20
5	Pulsed Laser Deposited Ferromagnetic Chromium Dioxide thin Films for Applications in Spintronics. Physics Procedia, 2014, 54, 62-69.	1.2	14
6	Anomaly in anomalous Nernst effect at low temperature for C _{1-b} -type NiMnSb half-Heusler alloy thin film. Japanese Journal of Applied Physics, 2019, 58, SBBI03.	1.5	12
7	Electric field controlled magnetization and charge-ordering in Pr _{0.6} Ca _{0.4} MnO ₃ . Materials Chemistry and Physics, 2017, 194, 142-146.	4.0	10
8	Optimization of La _{0.7} Sr _{0.3} MnO ₃ thin film by pulsed laser deposition for spin injection. Physica B: Condensed Matter, 2014, 448, 103-106.	2.7	9
9	Effect of B-site bismuth doping on magnetic and transport properties of La _{0.5} Ca _{0.5} Mn _{1-x} BixO ₃ thin films. Journal of Materials Science, 2019, 54, 130-138.	3.7	9
10	Sign reversal of angular dependence of Planar Hall Effect in La _{0.7} Ca _{0.3} MnO ₃ /SrTiO ₃ ultrathin film. Materials Chemistry and Physics, 2016, 180, 5-8.	4.0	7
11	Magnetism in La _{0.7} Sr _{0.3} Mn _{1-x} CoxO ₃ (0 ≤ x ≤ 1). AIP Conference Proceedings, 2016, , .	0.4	6
12	Planar Nernst and Hall effect in patterned ultrathin film of La _{0.7} Sr _{0.3} MnO ₃ . Materials Chemistry and Physics, 2016, 180, 390-395.	4.0	6
13	Engineering Magnetic and Tunneling Magnetoresistance Properties of Co _x Fe _{3-x} O ₄ Nanorods. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700505.	1.8	6
14	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
15	Growth and angular dependent resistivity of Nb ₂ Pd _{0.73} S _{5.7} superconducting single crystals fiber. Materials Chemistry and Physics, 2015, 164, 46-50.	4.0	4
16	Optimization of manganites thin film for electric field and strain control. , 2013, , .		2
17	Extreme sensitivity of magnetic properties on the synthesis routes in La _{0.7} Sr _{0.3} MnO ₃ . AIP Conference Proceedings, 2016, , .	0.4	2
18	In-plane anisotropy in La _{0.7} Sr _{0.3} MnO ₃ (LSMO) patterned thin film. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Electric field controlled magnetization and transport properties of La _{0.7} Ca _{0.3} MnO ₃ ultrathin film. Materials Chemistry and Physics, 2017, 186, 523-527.	4.0	1
20	Substitution effect on magnetic and electrical properties of half-Heusler alloy Ni ^x CoxMn ^y FeySb., 2014, , .		0