Nieksh Shah

List of Publications by Year
in descending order

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46	840	567281	501196
papers	citations	15 h-index	28 g-index

47	47	47	757
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanism of Anti-bacterial Activity of Zinc Oxide Nanoparticle Against Carbapenem-Resistant Acinetobacter baumannii. Frontiers in Microbiology, 2018, 9, 1218.	3.5	305
2	Transport properties and electroresistance of a manganite based heterostructure: role of the manganiteâ€“manganite interface. Physical Chemistry Chemical Physics, 2016, 18, 17740-17749.	2.8	44
3	Charge transport mechanisms in solâ€“gel grown La_{0.7}Pb_{0.3}MnO₃/LaAlO₃ manganite films. Physical Chemistry Chemical Physics, 2017, 19, 5163-5176.	2.8	39
4	An empirical model for magnetic field dependent resistivity and magnetoresistance in manganites: application on polycrystalline charge-ordered La_{0.4}Gd_{0.1}Ca_{0.5}MnO₃. Physical Chemistry Chemical Physics, 2018, 20, 12608-12617.	2.8	38
5	Size-controlled electrical properties of solâ€“gel-grown nanostructured Gd0.95Ca0.05MnO3. Journal of Sol-Gel Science and Technology, 2016, 79, 144-150.	2.4	35
6	Currentâ€“voltage characteristics and electroresistance in LaMnO_{3â^Î´}/La_{0.7}Ca_{0.3}MnO₃/LaAlO₃ thin film composites. Physical Chemistry Chemical Physics, 2017, 19, 29294-29304.	2.8	34
7	Temperature-dependentIâ€“VandCâ€“Vcharacteristics of chemically-grown Y_{0.95}Ca_{0.05}MnO₃/Si thin films. Materials Research Express, 2016, 3, 036402.	1.6	31
8	Structural, microstructural, transport, and magnetotransport properties of nanostructured La_{0.7}Sr_{0.3}MnO₃ manganites synthesized by coprecipitation. Journal of Materials Research, 2010, 25, 1799-1802.	2.6	30
9	Size effects on electrical properties of chemically grown zinc oxide nanoparticles. Materials Research Express, 2018, 5, 035040.	1.6	27
10	Size induced tuning of dielectric behavior in nanostructured Y0.95Ca0.05MnO3 compounds. Applied Nanoscience (Switzerland), 2014, 4, 889-895.	3.1	26
11	Modifications in device characteristics of La0.6Pr0.2Sr0.2MnO3/SrNb0.002Ti0.998O3 manganites by swift heavy ion irradiation. Indian Journal of Physics, 2015, 89, 137-142.	1.8	26
12	Size effects in magnetotransport in solâ€“gelÂgrown nanostructured manganites. Applied Nanoscience (Switzerland), 2015, 5, 135-141.	3.1	19
13	Magnetoelectric properties of Co-doped BiFeO3 nanoparticles. International Journal of Modern Physics B, 2018, 32, 1850143.	2.0	18
14	Investigations on Device Characteristics of Chemically Grown Nanostructured Y_{0.95}Ca_{0.05}MnO₃/Si Junctions. Advanced Science Letters, 2016, 22, 843-848.	0.2	17
15	Room Temperature Electrostatic Across the Interface in Nanostructured ZnO/La $_{0.7}$Sr$_{0.3}$ MnO$_{3}$/SNTO Heterostructure. IEEE Nanotechnology Magazine, 2013, 12, 915-918.	2.0	16
16	Role of Calcium in the Evolution of Superconductivity in a (La2â^'xRx)Ba2(CayCu4+y)Oz (R = Y, Er, Gd) System. Journal of Superconductivity and Novel Magnetism, 2000, 13, 37-40.	0.5	15
17	Modifications in structural, optical and electrical properties of nanocrystalline CdO: role of sintering temperature. Journal of Sol-Gel Science and Technology, 2019, 89, 866-875.	2.4	12
18	Investigations on structural disorder-induced modifications in the transport behaviour of rare-earth manganites. Bulletin of Materials Science, 2016, 39, 1109-1117.	1.7	11

#	Article	IF	Citations
19	Investigations on structural, optical and electrical properties of V2O5 nanoparticles. AIP Conference Proceedings, 2017, , .	0.4	10
20	Room-Temperature Colossal Magnetodielectric Effect in La0.4Eu0.1Ca0.5MnO3 Manganite. Journal of Electronic Materials, 2020, 49, 5244-5247.	2.2	9
21	Comparison of charge transport studies of chemical solution and pulsed laser deposited manganite-based thin film devices. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	8
22	Sintering temperature dependent electrical properties of solâ€“gel grown nanostructured Bi0.95Nd0.05FeO3 multiferroics. Journal of Sol-Gel Science and Technology, 2020, 93, 666-677.	2.4	8
23	Dielectric behavior of nanostructured Y0.95Ca0.05MnO3: Role of sintering temperature. , 2014, , .		7
24	Structural and electrical properties of solâ€“gel grown nanostructured ZnO and LaMnO3 particle-based nanocomposites. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	7
25	Structural and electrical properties of solâ€“gel grown (1â€‰â^’â€‰x) (ZnO) + (x) (SnO2) (xâ€‰=â€‰0, 0.25, 0.5) nanocomposites. Journal of Sol-Gel Science and Technology, 2021, 99, 198-210.	2.4	7
26	Dielectric and Magnetic Behavior of Sol-Gel Grown BiFeO[sub 3] Multiferroic. , 2011, , .		5
27	Structural and Transport Studies on Mixed Valent Rare Earth Manganite Ceramics. Transactions of the Indian Ceramic Society, 2017, 76, 165-170.	1.0	5
28	Investigations on the electrical properties of solâ€“gel grown nanostructured GdMnO3. Ferroelectrics, 2021, 571, 230-237.	0.6	5
29	Structure-property correlations in monovalent mixed oxide La[sub 1â^’x]K[sub x]MnO[sub 3](0.0â‰¤xâ‰¤0.3) manganites. , 2013, , .		4
30	Transport and Magnetic Properties of Eu and Sr Doped Manganite Compound La0.7Ca0.3MnO3. Hyperfine Interactions, 2005, 160, 193-197.	0.5	3
31	Temperature dependent dielectric behavior of solâ€“gel grown Y0.95Ca0.05MnO3/Si junction. AIP Conference Proceedings, 2017, , .	0.4	3
32	Charge conduction mechanisms and MR behaviour of solâ€“gel-grown nanostructured La0.6Nd0.1Sr0.3MnO3 manganites. Bulletin of Materials Science, 2020, 43, 1.	1.7	3
33	Structural and electrical properties of pure and doped lanthanum oxide. International Journal of Modern Physics B, 2021, 35, 2150210.	2.0	3
34	Green synthesis of silver nanoparticle using Bambusa arundinacea leaves. AIP Conference Proceedings, 2017, , .	0.4	2
35	Structure-property correlations in La1-xNaxMnO3 manganites. , 2012, , .		1
36	I-V and C-V characteristics of Y0.95Ca0.05MnO3/Si film. , 2014, , .		1

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37	K-substitution induced electrical band gap engineering in La1-xKxMnO3 manganites. AIP Conference Proceedings, 2016, , .	0.4	1
38	Studies on structural and electrical properties of nanostructured GdMnO3. AIP Conference Proceedings, 2016, , .	0.4	1
39	Studies on structural and electrical properties of nanostructured RMnO3 (R = Gd & Ho). AIP Conference Proceedings, 2017, , .	0.4	1
40	Investigations of magnetoelectric behavior in BiFe0.95Co0.05O3 nanoparticles. AIP Conference Proceedings, 2017, , .	0.4	1
41	Thermal effects on resistive switching in manganiteâ€“silicon thin film device. Bulletin of Materials Science, 2021, 44, 1.	1.7	1
42	Humidity Sensing Properties of Hierarchical Fe Doped SnO2 Nanocoral-Like Structures. Journal of Electronic Materials, 2021, 50, 3949-3961.	2.2	1
43	EFFECT OF Coâ€“Ga PAIRED SUBSTITUTION ON SUPERCONDUCTIVITY IN YBa2Cu3O7-Î´. Modern Physics Letters B, 2004, 18, 485-492.	1.9	0
44	Investigations on rectifying behavior of Y0.95Ca0.05MnO3/Si junction. AIP Conference Proceedings, 2016, , .	0.4	0
45	Effect of vanadium substitution on structural and electrical properties of solâ€“gel grown nanostructured zinc oxide. AIP Conference Proceedings, 2017, , .	0.4	0
46	Modification in the dielectric behavior of cobalt doped ZnO synthesized by co-precipitation method. AIP Conference Proceedings, 2017, , .	0.4	0