

Nieksh Shah

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and electrical properties of sol-gel grown nanostructured ZnO and LaMnO ₃ particle-based nanocomposites. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	7
2	Investigations on the electrical properties of sol-gel grown nanostructured GdMnO ₃ . Ferroelectrics, 2021, 571, 230-237.	0.6	5
3	Thermal effects on resistive switching in manganite-silicon thin film device. Bulletin of Materials Science, 2021, 44, 1.	1.7	1
4	Humidity Sensing Properties of Hierarchical Fe Doped SnO ₂ Nanocoral-Like Structures. Journal of Electronic Materials, 2021, 50, 3949-3961.	2.2	1
5	Structural and electrical properties of sol-gel grown (1-x)(ZnO) + (x)(SnO ₂) (x=0, 0.25, 0.5) nanocomposites. Journal of Sol-Gel Science and Technology, 2021, 99, 198-210.	2.4	7
6	Structural and electrical properties of pure and doped lanthanum oxide. International Journal of Modern Physics B, 2021, 35, 2150210.	2.0	3
7	Sintering temperature dependent electrical properties of sol-gel grown nanostructured Bi _{0.95} Nd _{0.05} FeO ₃ multiferroics. Journal of Sol-Gel Science and Technology, 2020, 93, 666-677.	2.4	8
8	Charge conduction mechanisms and MR behaviour of sol-gel-grown nanostructured La _{0.6} Nd _{0.1} Sr _{0.3} MnO ₃ manganites. Bulletin of Materials Science, 2020, 43, 1.	1.7	3
9	Room-Temperature Colossal Magnetodielectric Effect in La _{0.4} Eu _{0.1} Ca _{0.5} MnO ₃ Manganite. Journal of Electronic Materials, 2020, 49, 5244-5247.	2.2	9
10	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
11	Magnetoelectric properties of Co-doped BiFeO ₃ nanoparticles. International Journal of Modern Physics B, 2018, 32, 1850143.	2.0	18
12	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} MnO ₃ . Physical Chemistry Chemical Physics, 2018, 20, 12608-12617.	2.8	38
13	Size effects on electrical properties of chemically grown zinc oxide nanoparticles. Materials Research Express, 2018, 5, 035040.	1.6	27
14	Mechanism of Anti-bacterial Activity of Zinc Oxide Nanoparticle Against Carbapenem-Resistant Acinetobacter baumannii. Frontiers in Microbiology, 2018, 9, 1218.	3.5	305
15	Charge transport mechanisms in sol-gel grown La _{0.7} Pb _{0.3} MnO ₃ /LaAlO ₃ manganite films. Physical Chemistry Chemical Physics, 2017, 19, 5163-5176.	2.8	39
16	Effect of vanadium substitution on structural and electrical properties of sol-gel grown nanostructured zinc oxide. AIP Conference Proceedings, 2017, , .	0.4	0
17	Modification in the dielectric behavior of cobalt doped ZnO synthesized by co-precipitation method. AIP Conference Proceedings, 2017, , .	0.4	0
18	Investigations on structural, optical and electrical properties of V ₂ O ₅ nanoparticles. AIP Conference Proceedings, 2017, , .	0.4	10

#	ARTICLE	IF	CITATIONS
19	Green synthesis of silver nanoparticle using Bambusa arundinacea leaves. AIP Conference Proceedings, 2017, , .	0.4	2
20	Temperature dependent dielectric behavior of solâ€gel grown $Y_{0.95}Ca_{0.05}MnO_3/Si$ junction. AIP Conference Proceedings, 2017, , .	0.4	3
21	Studies on structural and electrical properties of nanostructured $RMnO_3$ (R = Gd & Ho). AIP Conference Proceedings, 2017, , .	0.4	1
22	Investigations of magnetoelectric behavior in $BiFe_{0.95}Co_{0.05}O_3$ nanoparticles. AIP Conference Proceedings, 2017, , .	0.4	1
23	Currentâ€voltage characteristics and electroresistance in $LaMnO_{3-x}Tl_x/La_{0.7}Ca_{0.3}MnO_3/LaAlO_3$ thin film composites. Physical Chemistry Chemical Physics, 2017, 19, 29294-29304.	2.8	34
24	Structural and Transport Studies on Mixed Valent Rare Earth Manganite Ceramics. Transactions of the Indian Ceramic Society, 2017, 76, 165-170.	1.0	5
25	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
26	Temperature-dependent $V-I$ and $C-V$ characteristics of chemically-grown $Y_{0.95}Ca_{0.05}MnO_3/Si$ thin films. Materials Research Express, 2016, 3, 036402.	1.6	31
27	K-substitution induced electrical band gap engineering in $La_{1-x}K_xMnO_3$ manganites. AIP Conference Proceedings, 2016, , .	0.4	1
28	Size-controlled electrical properties of solâ€gel-grown nanostructured $Gd_{0.95}Ca_{0.05}MnO_3$. Journal of Sol-Gel Science and Technology, 2016, 79, 144-150.	2.4	35
29	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
30	Investigations on rectifying behavior of $Y_{0.95}Ca_{0.05}MnO_3/Si$ junction. AIP Conference Proceedings, 2016, , .	0.4	0
31	Studies on structural and electrical properties of nanostructured $GdMnO_3$. AIP Conference Proceedings, 2016, , .	0.4	1
32	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
33	Investigations on Device Characteristics of Chemically Grown Nanostructured $Y_{0.95}Ca_{0.05}MnO_3/Si$ Junctions. Advanced Science Letters, 2016, 22, 843-848.	0.2	17
34	Modifications in device characteristics of $La_{0.6}Pr_{0.2}Sr_{0.2}MnO_3/SrNb_{0.002}Ti_{0.998}O_3$ manganites by swift heavy ion irradiation. Indian Journal of Physics, 2015, 89, 137-142.	1.8	26
35	Size effects in magnetotransport in solâ€gel-grown nanostructured manganites. Applied Nanoscience (Switzerland), 2015, 5, 135-141.	3.1	19
36	I-V and C-V characteristics of $Y_{0.95}Ca_{0.05}MnO_3/Si$ film. , 2014, , .		1

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37	Dielectric behavior of nanostructured Y _{0.95} Ca _{0.05} MnO ₃ : Role of sintering temperature. , 2014, , .		7
38	Size induced tuning of dielectric behavior in nanostructured Y _{0.95} Ca _{0.05} MnO ₃ compounds. Applied Nanoscience (Switzerland), 2014, 4, 889-895.	3.1	26
39	Room Temperature Electrostatic Across the Interface in Nanostructured ZnO/La _{0.7} Sr _{0.3} MnO ₃ /SNT0 Heterostructure. IEEE Nanotechnology Magazine, 2013, 12, 915-918.	2.0	16
40	Structure-property correlations in monovalent mixed oxide La _{1-x} K _x MnO ₃ (0.0â%â%0.3) manganites. , 2013, , .		4
41	Structure-property correlations in La _{1-x} NaxMnO ₃ manganites. , 2012, , .		1
42	Dielectric and Magnetic Behavior of Sol-Gel Grown BiFeO ₃ Multiferroic. , 2011, , .		5
43	Structural, microstructural, transport, and magnetotransport properties of nanostructured La _{0.7} Sr _{0.3} MnO ₃ manganites synthesized by coprecipitation. Journal of Materials Research, 2010, 25, 1799-1802.	2.6	30
44	Transport and Magnetic Properties of Eu and Sr Doped Manganite Compound La _{0.7} Ca _{0.3} MnO ₃ . Hyperfine Interactions, 2005, 160, 193-197.	0.5	3
45	EFFECT OF Coâ€“Ca PAIRED SUBSTITUTION ON SUPERCONDUCTIVITY IN YBa ₂ Cu ₃ O _{7-Î} . Modern Physics Letters B, 2004, 18, 485-492.	1.9	0
46	Role of Calcium in the Evolution of Superconductivity in a (La _{2â~x} Rx)Ba ₂ (CayCu _{4+y})O _z (R = Y, Er, Gd) System. Journal of Superconductivity and Novel Magnetism, 2000, 13, 37-40.	0.5	15