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List of Publications by Year in descending order

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73
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1,244
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361413

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docs citations

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times ranked

1030
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#	ARTICLE	IF	CITATIONS
1	Evaluation of Iron and Au-Fe ₃ O ₄ Ferrite Nanoparticles for Biomedical Application. Journal of Superconductivity and Novel Magnetism, 2022, 35, 215-222.	1.8	4
2	Tuning optical properties of CdS films using oblique angle deposition technique. Optical and Quantum Electronics, 2022, 54, 1.	3.3	0
3	Magnetocaloric Materials. , 2021, , .		1
4	Electrical and optical characterization of sprayed In ₂ S ₃ thin films as an electron transporting layer in high efficient perovskite solar cells. Solar Energy, 2021, 215, 356-366.	6.1	19
5	Oxygen doping effect on wettability of diamond-like carbon films. Materials Research Express, 2021, 8, 035601.	1.6	7
6	Synthesis and characterization of tin (IV) oxide thin films. Optical and Quantum Electronics, 2021, 53, 1.	3.3	4
7	Structural and magnetic properties of yttrium-substituted La _{0.6-x} Y _x Sr _{0.4} MnO ₃ (x=0 to 0.3). Ceramics International, 2021, 47, 11536-11546.	4.8	13
8	Magneto-caloric properties of La _{0.8} -Sm Sr _{0.2} MnO ₃ (x=0.0, 0.05, 0.1, and 0.15). Ceramics International, 2021, 47, 25304-25313.	4.8	6
9	Potentials of magnetic shape memory alloys for energy harvesting. Journal of Magnetism and Magnetic Materials, 2021, 537, 168112.	2.3	11
10	Tuning of physical properties in MoO ₃ thin films deposited by DC sputtering. Optical and Quantum Electronics, 2021, 53, 1.	3.3	6
11	Structural, optical and photocatalytic properties of La _{0.7} Ba _{0.3} MnO ₃ nanoparticles prepared by microwave method. Chemical Physics, 2020, 529, 110576.	1.9	17
12	Effect of silver, gold, and platinum substrates on structural and optical properties of tilted nanocolumnar SnS films. Journal of Materials Science: Materials in Electronics, 2020, 31, 2030-2039.	2.2	6
13	Tuning the optical properties of SnO ₂ /Ag/SnO ₂ tri-layers by changing Ag thickness. Infrared Physics and Technology, 2020, 109, 103421.	2.9	4
14	Photo-catalytic activities of La _{0.7} Ba _{0.3} MnO ₃ nanoparticles. Optik, 2020, 216, 164812.	2.9	5
15	The effect of vacancy-defects on the magnetic properties of Ising fullerene-like nano-structures: A Monte Carlo study. Journal of Magnetism and Magnetic Materials, 2020, 502, 166573.	2.3	11
16	Photoresponsivity enhancement of SnS porous film. Surfaces and Interfaces, 2020, 21, 100790.	3.0	1
17	Effect of GLAD technique on optical and electrical properties of SnO ₂ /Ag/SnO ₂ structure. Infrared Physics and Technology, 2020, 106, 103263.	2.9	11
18	An investigation on structural and optical properties of nanocolumnar ZnTe thin films grown by glancing angle technique. Materials Research Express, 2020, 7, 026419.	1.6	12

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19	Design and fabrication of MgF ₂ single-layer antireflection coating by glancing angle deposition. <i>Materials Research Innovations</i> , 2020, 24, 442-446.	2.3	7
20	An Investigation on Viscosity of La _{0.6} Sr _{0.4} MnO ₃ /Water Nanofluid in the Presence of Magnetic Field. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 895-902.	1.5	1
21	Tuning filtering properties of SnS films deposited on Glass/ITO substrate using glancing angle deposition technique. <i>Materials Research Express</i> , 2019, 6, 096415.	1.6	4
22	Modification of optical and mechanical properties of nitrogen doped diamond-like carbon layers. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 19770-19781.	2.2	14
23	Hydrothermal synthesis of La _{0.7} Sr _{0.3} MnO ₃ and its application in visible light photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 19001-19008.	2.2	8
24	Correlation study of structural, optical, and hydrophobicity properties of diamond-like carbon films prepared by an anode layer source. <i>Materials Research Express</i> , 2019, 6, 055601.	1.6	9
25	An investigation on the impact of Al doping on the structural and magnetic properties of Fe ₃ O ₄ nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	11
26	Magnetic Evaluation of the Nanoparticles Coated with Polyvinylpyrrolidone and Polyvinyl Chloride Nanoparticles Synthesized by Electro-deposition Method for Hyperthermia Application. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 2021-2030.	1.8	13
27	Impact of Gd ion substitution on the magneto-caloric effect of La _{0.6-x} Gd _x Sr _{0.4} MnO ₃ (x=0, 0.0125, 0.05). <i>Tj</i> 1 0,784314	2.3	24
28	Modification of hydrophobicity properties of diamond like carbon films using glancing angle deposition method. <i>Materials Letters</i> , 2018, 220, 301-304.	2.6	26
29	Effect of GLAD technique on optical properties of ZnS multilayer antireflection coatings. <i>Materials Research Bulletin</i> , 2018, 100, 265-274.	5.2	16
30	Size-dependent photocatalytic activity of La _{0.8} Sr _{0.2} MnO ₃ nanoparticles prepared by hydrothermal synthesis. <i>Materials Research Express</i> , 2018, 5, 045012.	1.6	20
31	Critical Behavior and Size Dependence of Magnetic Entropy Changes on La _{0.6} Sr _{0.4} MnO ₃ Manganite. <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 3723-3732.	1.8	5
32	The electrical transition temperature and magnetoresistance prediction of LaSr ₂ Mn ₂ O ₇ bilayered manganite. <i>Journal of King Saud University, Engineering Sciences</i> , 2018, 30, 339-344.	2.0	0
33	Substrate temperature effect on the structural, morphological and optical properties of CdTe films. <i>Materials Research Innovations</i> , 2018, 22, 91-98.	2.3	2
34	Origin of enhanced multiferroic properties in Bi _{0.85} La _{0.15} HoxFeO ₃ nanopowders. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 449, 538-544.	2.3	18
35	An Investigation on Magnetic-Interacting Fe ₃ O ₄ Nanoparticles Prepared by Electrochemical Synthesis Method. <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 2139-2147.	1.8	9
36	ZnS FILM PROPERTIES MODIFICATION USING OBLIQUE ANGLE DEPOSITION TECHNIQUE. <i>Surface Review and Letters</i> , 2018, 25, 1850119.	1.1	9

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37	Simulation of high efficiency SnS-based solar cells with SCAPS. <i>Solar Energy</i> , 2018, 176, 520-525.	6.1	108
38	Synthesis and characterization of calcium-doped lanthanum manganite nanowires as a photocatalyst for degradation of methylene blue solution under visible light irradiation. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	1.7	35
39	Effect of Gd substitution on the critical scaling of the ferromagnetic transition of $\text{La}_{0.6-x}\text{Gd}_x\text{Sr}_{0.4}\text{MnO}_3$ ($x=0, 0.05, 0.1$) manganite. <i>Journal of Alloys and Compounds</i> , 2018, 769, 649-659.	5.5	14
40	Substrate-induced changes of structural and optical properties of SnS films prepared by glancing angle deposition. <i>Thin Solid Films</i> , 2018, 663, 85-92.	1.8	15
41	Critical behavior near the paramagnetic to ferromagnetic phase transition temperature in $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ ceramic: A comparison between sol-gel and solid state process. <i>Ceramics International</i> , 2017, 43, 5204-5215.	4.8	25
42	Microstructure and Magnetic Properties of FePt Thin Films on SiO_2/Si (100) and Si Substrates Prepared Under External Magnetic Field. <i>Journal of Superconductivity and Novel Magnetism</i> , 2017, 30, 1949-1961.	1.8	8
43	Tuning the morphology and photocatalytic activity of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ nanorods via different mineralizer-assisted hydrothermal syntheses. <i>Materials Research Bulletin</i> , 2017, 90, 205-211.	5.2	29
44	Modification of the morphology and optical properties of SnS films using glancing angle deposition technique. <i>Applied Surface Science</i> , 2017, 405, 514-520.	6.1	28
45	Effects of A-Site Doping on Structural, Magnetic, and Electrical Properties of $\text{La}_{0.8-x}\text{A}_x\text{Sr}_{0.2}\text{MnO}_3$ ($0 \leq x \leq 0.6$) Manganites (A = Pr, Nd, and Gd). <i>Journal of Superconductivity and Novel Magnetism</i> , 2017, 30, 2683-2692.	1.8	6
46	Effects of rare earth ions substitution on the magnetocaloric and critical behavior of $\text{La}_{0.6}\text{A}_{0.2}\text{Sr}_{0.2}\text{MnO}_3$ (A=Pr, Nd, Ce) manganite. <i>Journal of Alloys and Compounds</i> , 2017, 718, 443-452.	5.5	16
47	Electronic and optical properties of GaAs/AlGaAs Fibonacci ordered multiple quantum well systems. <i>Superlattices and Microstructures</i> , 2017, 112, 680-687.	3.1	15
48	Surface modification of ZnS films by applying an external magnetic field in vacuum chamber. <i>Materials Research Express</i> , 2017, 4, 096408.	1.6	13
49	The effect of interparticle interactions on spin glass and hyperthermia properties of Fe_3O_4 nanoparticles. <i>Materials Research Express</i> , 2017, 4, 075051.	1.6	25
50	Effects of strain on the magnetic and transport properties of the epitaxial $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 420, 33-38.	2.3	16
51	MnFe_2O_4 bulk, nanoparticles and film: A comparative study of structural and magnetic properties. <i>Ceramics International</i> , 2016, 42, 12789-12795.	4.8	43
52	Magnetocaloric properties of $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ prepared by solid state reaction method. <i>Journal of Alloys and Compounds</i> , 2016, 689, 865-873.	5.5	35
53	Size Dependence of Electrical Properties of $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_3$ Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 2969-2977.	1.8	8
54	Fabrication of Co thin films using pulsed laser deposition method with or without employing external magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 417, 117-121.	2.3	7

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55	Structural and optical properties of Cd _{1-x} Zn _x S (x = 0, 0.4, 0.8 and 1) thin films prepared using the precursor obtained from microwave irradiation processes. <i>Optik</i> , 2016, 127, 7104-7114.	2.9	35
56	Low-Temperature Electrical Resistivity of Bilayered LaSr ₂ Mn ₂ O ₇ Manganite. <i>Journal of Low Temperature Physics</i> , 2016, 183, 359-370.	1.4	12
57	Solvothermal synthesis of MnFe ₂ O ₄ nanoparticles: The role of polymer coating on morphology and magnetic properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 399, 236-244.	2.3	67
58	An Investigation of Eddy Current, Solid Loss, Induced Voltage and Magnetic Torque in Highly Pure Thin Conductors, Using Finite Element Method. , 2015, 11, 412-417.		5
59	The effect of substrate rotation rate on physical properties of cadmium telluride films prepared by a glancing angle deposition method. <i>Thin Solid Films</i> , 2015, 577, 128-133.	1.8	20
60	Study of structural and optical properties of ZnS zigzag nanostructured thin films. <i>Applied Surface Science</i> , 2015, 356, 1096-1104.	6.1	36
61	Tunable Structural and Optical Properties of Cadmium Telluride (CdTe) thin Films with Substrate Temperature. , 2015, 11, 114-118.		4
62	INVESTIGATING ANNEALING EFFECT ON OPTICAL PROPERTIES OF Cd _{0.8} Zn _{0.2} S THIN FILMS. <i>Surface Review and Letters</i> , 2014, 21, 1450073.	1.1	3
63	DC magnetization studies of nano- and micro-particles of bilayered manganite LaSr ₂ Mn ₂ O ₇ . <i>Journal of Alloys and Compounds</i> , 2014, 586, 261-266.	5.5	10
64	Structural, magnetic and electrical characterization of the La _{0.7} Ca _{0.3} Co _{1-x} Mn _x O ₃ (x=0, 0.7 and 1) compounds prepared by a simple method. <i>Journal of Rare Earths</i> , 2014, 32, 965-972.	4.8	8
65	Structural and magnetic characterization of La _{0.8} Sr _{0.2} MnO ₃ nanoparticles prepared via a facile microwave-assisted method. <i>Journal of Solid State Chemistry</i> , 2014, 215, 1-7.	2.9	41
66	Anomalous Magnetic Properties of the Bilayered LaSr ₂ Mn _{2-z} Co _z O ₇ (z=0-0.15) Manganite. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 3151-3157.	1.8	3
67	A Study of Structural and Physical Properties of Heavily Co-doped LaSr ₂ Mn ₂ O ₇ Bi-layered Manganite. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 2771-2777.	1.8	2
68	Influence of Sm-doping on the structural, magnetic, and electrical properties of La _{0.8} Sm _x Sr _{0.2} MnO ₃ (0 <x< 0.45) manganites. <i>Journal of Alloys and Compounds</i> , 2013, 579, 406-414.	5.5	61
69	Optical and structural properties of cadmium telluride films grown by glancing angle deposition. <i>Physica Scripta</i> , 2013, 88, 025602.	2.5	20
70	Tunable magnetic and magnetocaloric properties of La _{0.6} Sr _{0.4} MnO ₃ nanoparticles. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	67
71	STRUCTURAL AND OPTICAL CHARACTERIZATION OF CdS:Fe THIN FILMS PREPARED BY FLASH EVAPORATION METHOD. <i>Surface Review and Letters</i> , 2012, 19, 1250012.	1.1	8
72	Effects of pH and sintering temperature on the synthesis and electrical properties of the bilayered LaSr ₂ Mn ₂ O ₇ manganite prepared by the sol-gel process. <i>Journal of Materials Science</i> , 2012, 47, 5815-5822.	3.7	18

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73	Influence of grain size on the electrical properties of the double-layered LaSr ₂ Mn ₂ O ₇ manganite. Journal of Physics and Chemistry of Solids, 2012, 73, 744-750.	4.0	44