

Sanjeev Gautam

List of Publications by Year in descending order

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138
papers

3,432
citations

147726

31
h-index

197736

49
g-index

139
all docs

139
docs citations

139
times ranked

4542
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal oxides and metal organic frameworks for the photocatalytic degradation: A review. Journal of Environmental Chemical Engineering, 2020, 8, 103726.	3.3	271
2	Carbon dioxide mediated, reversible chemical hydrogen storage using a Pd nanocatalyst supported on mesoporous graphitic carbon nitride. Journal of Materials Chemistry A, 2014, 2, 9490.	5.2	206
3	Metal organic frameworks for electrochemical sensor applications: A review. Environmental Research, 2022, 204, 112320.	3.7	102
4	Green synthesized (Ocimum sanctum and Allium sativum) Ag-doped cobalt ferrite nanoparticles for antibacterial application. Vacuum, 2019, 161, 389-397.	1.6	87
5	Self-Stabilized Carbon- L_{10} FePt Nanoparticles for Heated Dot Recording Media. IEEE Magnetics Letters, 2018, 9, 1-5.	0.6	85
6	Structural and magnetic properties of chemically synthesized Fe doped ZnO. Journal of Applied Physics, 2009, 105, .	1.1	69
7	Nanomaterials in the advancement of hydrogen energy storage. Heliyon, 2020, 6, e04487.	1.4	68
8	Investigations on the structural, optical and electronic properties of Nd doped ZnO thin films. Journal Physics D: Applied Physics, 2009, 42, 105410.	1.3	67
9	Nanotechnology and its challenges in the food sector: a review. Materials Today Chemistry, 2020, 17, 100332.	1.7	65
10	Structural and electronic investigation of ZnO nanostructures synthesized under different environments. Heliyon, 2018, 4, e00594.	1.4	64
11	Electronic structure of Cu-doped ZnO thin films by x-ray absorption, magnetic circular dichroism, and resonant inelastic x-ray scattering. Journal of Applied Physics, 2010, 107, .	1.1	58
12	Organic-inorganic hybrid PtCo nanoparticle with high electrocatalytic activity and durability for oxygen reduction. NPG Asia Materials, 2016, 8, e237-e237.	3.8	57
13	Room temperature ferromagnetism in chemically synthesized ZnO rods. Materials Letters, 2009, 63, 194-196.	1.3	56
14	Optical and surface enhanced Raman scattering properties of Au nanoparticles embedded in and located on a carbonaceous matrix. Physical Chemistry Chemical Physics, 2016, 18, 2468-2480.	1.3	55
15	XANES and DRIFTS study of sulfated Sb/V/Ce/TiO ₂ catalysts for NH ₃ -SCR. Chemical Engineering Journal, 2015, 275, 142-151.	6.6	54
16	Nanoscope Management of Molecular Packing and Orientation of Small Molecules by a Combination of Linear and Branched Alkyl Side Chains. ACS Nano, 2014, 8, 5988-6003.	7.3	52
17	Synthesis of Au nanoparticles at the surface and embedded in carbonaceous matrix by 150 keV Ar ion irradiation. Journal Physics D: Applied Physics, 2011, 44, 125302.	1.3	49
18	Hydrogen economy, energy, and liquid organic carriers for its mobility. Materials Today: Proceedings, 2021, 46, 5420-5427.	0.9	46

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19	Possibility of room-temperature multiferroism in Mg-doped ZnO. Applied Physics A: Materials Science and Processing, 2014, 114, 453-457.	1.1	45
20	Mn-doped ZrO ₂ nanoparticles as an efficient catalyst for green oxidative degradation of methylene blue. Catalysis Communications, 2015, 72, 1-5.	1.6	45
21	Thioamide, a Hydrogen Bond Acceptor in Proteins and Nucleic Acids. Journal of Physical Chemistry Letters, 2017, 8, 4573-4579.	2.1	45
22	Modifications in structural and electronic properties of TiO ₂ thin films using swift heavy ion irradiation. Journal of Applied Physics, 2011, 110, .	1.1	44
23	Electronic structure study of Ce _{1-x} A _x O ₂ (A = Zr & Hf) nanoparticles: NEXAFS and EXAFS investigations. Physical Chemistry Chemical Physics, 2014, 16, 19909-19916.	1.3	40
24	Investigation of phase segregation in sol-gel derived ZnMgO thin films. Semiconductor Science and Technology, 2013, 28, 025004.	1.0	39
25	Electronic structure studies of Fe-doped ZnO nanorods by x-ray absorption fine structure. Journal Physics D: Applied Physics, 2009, 42, 175406.	1.3	37
26	Magnetically retrievable Ce-doped Fe ₃ O ₄ nanoparticles as scaffolds for the removal of azo dyes. RSC Advances, 2019, 9, 23129-23141.	1.7	37
27	Recent advancements in nanomaterials for biomedical implants. Biomedical Engineering Advances, 2022, 3, 100029.	2.2	37
28	Monoclinic to tetragonal phase transition in ZrO ₂ thin films under swift heavy ion irradiation: Structural and electronic structure study. Chemical Physics Letters, 2014, 592, 85-89.	1.2	34
29	Copper nanoparticles supported on CeO ₂ as an efficient catalyst for click reactions of azides with alkynes. Catalysis Communications, 2016, 85, 13-16.	1.6	34
30	Irradiation induced ferromagnetism at room temperature in TiO ₂ thin films: X-ray magnetic circular dichroism characterizations. Applied Physics Letters, 2011, 98, .	1.5	33
31	Monochromatic X-Ray Induced Novel Synthesis of Plasmonic Nanostructure for Photovoltaic Application. Scientific Reports, 2016, 6, 22394.	1.6	33
32	Synthesis, structural and optical study of Ni-doped Metal-organic framework for adsorption based chemical sensor application. Vacuum, 2018, 158, 249-256.	1.6	32
33	Spinel copper ferrite nanoparticles: Preparation, characterization and catalytic activity. Applied Organometallic Chemistry, 2018, 32, e4470.	1.7	32
34	Electronic structure, magnetic and structural properties of Ni doped ZnO nanoparticles. Materials Research Bulletin, 2014, 59, 377-381.	2.7	31
35	Rapid oxidative degradation of methylene blue by various metal oxides doped with vanadium. RSC Advances, 2015, 5, 37469-37475.	1.7	31
36	Structural, magnetic and electronic structure properties of Co doped ZnO nanoparticles. Materials Research Bulletin, 2015, 66, 76-82.	2.7	30

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37	Role of low energy transition metal ions in interface formation in ZnO thin films and their effect on magnetic properties for spintronic applications. Applied Surface Science, 2019, 479, 1021-1028.	3.1	29
38	Structural, magnetic and electronic structure studies of Mn doped TiO ₂ thin films. Applied Surface Science, 2011, 257, 10557-10561.	3.1	28
39	Correlation between the dielectric properties and local electronic structure of copper doped calcium titanate. Journal of Alloys and Compounds, 2013, 572, 84-89.	2.8	28
40	Phenomenological understanding of dewetting and embedding of noble metal nanoparticles in thin films induced by ion irradiation. Materials Chemistry and Physics, 2014, 147, 920-924.	2.0	28
41	Electronic structure study of Co doped CeO ₂ nanoparticles using X-ray absorption fine structure spectroscopy. Journal of Alloys and Compounds, 2014, 611, 329-334.	2.8	28
42	Study Of Surface Morphology And Grain Size Of Irradiated MgO Thin Films. Advanced Materials Letters, 2012, 3, 112-117.	0.3	28
43	POSS-Based Covalent Networks: Supporting and Stabilizing Pd for Heck Reaction in Aqueous Media. Catalysis Letters, 2017, 147, 1086-1094.	1.4	26
44	Cu ₂ O nanocrystals with various morphology: Synthesis, characterization and catalytic properties. Chinese Chemical Letters, 2017, 28, 1125-1130.	4.8	25
45	Electronic and magnetic structure investigation of vanadium doped ZnO nanostructure. Vacuum, 2018, 158, 257-262.	1.6	25
46	NEXAFS studies of La _{0.8} Bi _{0.2} Fe _{1-x} Mn _x O ₃ (0.0 ≤ x ≤ 0.4) multiferroic system using x-ray absorption spectroscopy. Journal Physics D: Applied Physics, 2011, 44, 075403.	1.3	24
47	ROOM TEMPERATURE FERROMAGNETISM IN PURE AND Cu DOPED ZnO NANORODS: ROLE OF COPPER OR DEFECTS. Functional Materials Letters, 2011, 04, 17-20.	0.7	24
48	Electronic structure and electrical transport properties of LaCo _{1-x} Ni _x O ₃ (0 ≤ x ≤ 0.5). Journal of Applied Physics, 2013, 114, .	1.1	24
49	Role of defects in BiFeO ₃ multiferroic films and their local electronic structure by x-ray absorption spectroscopy. Journal of Applied Physics, 2014, 116, .	1.1	24
50	Mechanistic insights into the interaction between energetic oxygen ions and nanosized ZnFe ₂ O ₄ : XAS-XMCD investigations. Physical Chemistry Chemical Physics, 2018, 20, 12084-12096.	1.3	24
51	Drug delivery of paracetamol by metal-organic frameworks (HKUST-1): improvised synthesis and investigations. Materials Today Chemistry, 2022, 23, 100647.	1.7	24
52	Modifications in the electronic structure of Rare-Earth doped BiFeO ₃ multiferroic. Solid State Communications, 2015, 222, 5-8.	0.9	23
53	Comparison of the Atomic Layer Deposition of Tantalum Oxide Thin Films Using Ta(N ₂ Bu) ₃ , Ta(N ₂ Bu) ₂ Cp, and H ₂ O. ACS Applied Materials & Interfaces, 2017, 9, 537-547.	4.0	23
54	Magnetic and Humidity-Sensing Properties of Nanostructured Cu _{0.5} Co _{1.5} Fe ₂ O ₈ Synthesized via Autocombustion. Journal of Nanoscience and Nanotechnology, 2011, 11, 5850-5855.	2.2	22

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55	Investigation of local geometrical structure, electronic state and magnetic properties of PLD grown Ni doped SnO ₂ thin films. Journal of Electron Spectroscopy and Related Phenomena, 2019, 232, 21-28.	0.8	22
56	Electronic structure and magnetic properties of Co doped TiO ₂ thin films using X-ray absorption spectroscopy. Ceramics International, 2015, 41, S370-S375.	2.3	21
57	Ion-implantation and photovoltaics efficiency: A review. Materials Letters, 2022, 309, 131356.	1.3	21
58	Electrical and magnetic properties of the pulsed laser deposited Ca doped LaMnO ₃ thin films on Si (100) and their electronic structures. RSC Advances, 2015, 5, 69075-69085.	1.7	19
59	Ferromagnetism in Chemically-synthesized Co-doped ZnO. Journal of the Korean Physical Society, 2009, 55, 1060-1064.	0.3	19
60	Electronic structure of Fe/MgO/Fe multilayer stack by X-ray magnetic circular dichroism. Journal of Applied Physics, 2014, 115, .	1.1	18
61	Wide-range tunable bandgap in Bi _{1-x} Ca _x Fe _{1-y} Ti _y O ₃ nanoparticles via oxygen vacancy induced structural modulations at room temperature. Materials Research Express, 2015, 2, 095012.	0.8	18
62	Effect of silver doping on the electrical properties of a-Sb ₂ Se ₃ . Journal of Non-Crystalline Solids, 2007, 353, 1315-1321.	1.5	17
63	On the optical properties of Ag ⁺ ion-beam-irradiated TiO ₂ and SnO ₂ thin films. Journal of the Korean Physical Society, 2012, 61, 1609-1614.	0.3	17
64	Polyoxomolybdate-stabilized Cu ₂ O nanoparticles as an efficient catalyst for the azide-alkyne cycloaddition. New Journal of Chemistry, 2016, 40, 5313-5317.	1.4	17
65	Copper (II) Oxide Nanoparticles as an Efficient Catalyst in the Azide-Alkyne Cycloaddition. ChemistrySelect, 2016, 1, 4607-4612.	0.7	17
66	Maximizing Short Circuit Current Density and Open Circuit Voltage in Oxygen Vacancy-Controlled Bi _{1-x} Ca _x Fe _{1-y} Ti _y O ₃ Thin-Film Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 14105-14118.		17
67	Magnetic, Electronic Structure And Interface Study Of Fe/MgO/Fe Multilayer. Advanced Materials Letters, 2014, 5, 372-377.	0.3	17
68	X-ray photoelectron spectroscopy of Zn _{0.98} Cu _{0.02} O thin film grown on ZnO seed layer by RF sputtering. Materials Letters, 2012, 88, 51-53.	1.3	16
69	Spectroscopic study of Zn _{1-x} CoxO thin films showing intrinsic ferromagnetism. Materials Chemistry and Physics, 2013, 140, 130-134.	2.0	16
70	X-ray absorption spectroscopy and photoluminescence study of rare earth ions doped strontium sulphide phosphors. Applied Surface Science, 2013, 264, 237-241.	3.1	16
71	Bi-substitution-induced magnetic moment distribution in spinel Bi _{2-x} Co _{2x} MnO ₄ multiferroic. Journal of Physics Condensed Matter, 2009, 21, 406006.	0.7	15
72	Preparation and characterization of Fe ²⁺ -Fe ₂ O ₃ polyhedral nanocrystals via annealing technique. Materials Letters, 2009, 63, 1047-1050.	1.3	15

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73	Fabrication of p-n junction diode using SnO/SnO ₂ thin films and its device characteristics. <i>Electronic Materials Letters</i> , 2014, 10, 743-747.	1.0	15
74	Structural, transport and ferroelectric properties of Zn _{1-x} Mg _x O samples and their local electronic structure. <i>Superlattices and Microstructures</i> , 2015, 78, 183-189.	1.4	15
75	Chemical effects at interfaces of Fe/MgO/Fe magnetic tunnel junction. <i>Superlattices and Microstructures</i> , 2016, 100, 560-586.	1.4	15
76	Mizoroki-Heck reaction over palladium nanoparticles supported on WO ₃ . <i>Materials Research Bulletin</i> , 2016, 83, 179-185.	2.7	15
77	Applications and advances in coordination cages: Metal-Organic Frameworks. <i>Vacuum</i> , 2019, 167, 287-300.	1.6	15
78	Direct and real-time observation of hole transport dynamics in anatase TiO ₂ using X-ray free-electron laser. <i>Nature Communications</i> , 2022, 13, 2531.	5.8	15
79	Magnetic metamorphosis of structurally enriched sol-gel derived SnO ₂ nanoparticles. <i>Vacuum</i> , 2019, 166, 385-392.	1.6	14
80	Electrical properties of a-Se ₈₅ Te ₁₅ Sn _x thin films. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 1474-1477.	1.5	13
81	Swift heavy ion irradiation induced effects in Fe/MgO/Fe/Co multilayer. <i>Materials and Design</i> , 2016, 101, 72-79.	3.3	13
82	Electronic Structure of Co-doped ZnO Thin Films by X-ray Absorption and Emission Spectroscopy. <i>Journal of the Korean Physical Society</i> , 2009, 55, 167-172.	0.3	13
83	Orbital anisotropy in SnO ₂ thin films and its modification by swift heavy ion irradiation. <i>Chemical Physics Letters</i> , 2011, 511, 322-325.	1.2	12
84	Electronic Structure Studies of Nanoferrite Cu _{1-x} Co _x Fe ₂ O ₄ by X-ray Absorption Spectroscopy. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 386-390.	0.9	12
85	X-ray spectroscopy study of Zn _x Sn _{1-x} O ₂ nanorods synthesized by hydrothermal technique. <i>Thin Solid Films</i> , 2013, 546, 250-254.	0.8	12
86	Crystallite size induced crossover from paramagnetism to superparamagnetism in zinc ferrite nanoparticles. <i>Superlattices and Microstructures</i> , 2015, 86, 390-394.	1.4	12
87	Electronic structure of magnetic Fe/MgO/Fe/Co multilayer structure by NEXAFS spectroscopy. <i>Vacuum</i> , 2017, 138, 48-54.	1.6	12
88	Blue shift in band gap and photoluminescence of pulsed laser deposited SrS:Ce/quartz thin film nanophosphors. <i>Journal of Alloys and Compounds</i> , 2012, 527, 1-4.	2.8	11
89	Selective area growth of Bernal bilayer epitaxial graphene on 4H-SiC (0001) substrate by electron-beam irradiation. <i>Applied Physics Letters</i> , 2014, 105, 181601.	1.5	11
90	Oxidation of W(VI) in histidine-MgAl layered double hydroxide composite as an efficient catalyst in sulfide oxidation. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4358.	1.7	11

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91	Investigation of local atomic structure of Ni doped SnO ₂ thin films via X-ray absorption spectroscopy and their magnetic properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 760-770.	1.1	11
92	Preparation and Characterization of Magnetic Chitosan/Cu-Mg-Al Layered Double Hydroxide Nanocomposite for the One-Pot Three-Component (A ₃) Coupling of Aldehydes, Amines and Alkynes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2028-2035.	1.9	10
93	X-ray Absorption and Emission Studies of Mn-doped ZnO Thin Films. <i>Journal of the Korean Physical Society</i> , 2009, 55, 177-182.	0.3	10
94	A novel high-flux, thin-film composite desalination membrane via co-deposition of multifunctional polyhedral oligomeric silsesquioxane and polyoxometalate. <i>Polyhedron</i> , 2019, 168, 138-145.	1.0	9
95	Solvothermal assisted synthesis of CoSb ₃ phase evolution: Morphology and electrical study for thermoelectric applications. <i>Vacuum</i> , 2019, 163, 142-147.	1.6	9
96	XANES spectroscopic studies at L ₃ edge of ⁷⁹ Au in its various chemical forms. <i>Vacuum</i> , 2020, 176, 109294.	1.6	9
97	Morphology and Interconnected Microstructure-Driven High-Rate Capability of Li-Rich Layered Oxide Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32566-32577.	4.0	9
98	Characterizing the defects and ferromagnetism in metal oxides: The case of magnesium oxide. <i>Materials Characterization</i> , 2021, 179, 111366.	1.9	9
99	Photoelectrical properties of amorphous Se ₂₅ Ge ₂₀ Te ₅₅ . <i>Applied Surface Science</i> , 1999, 147, 19-26.	3.1	8
100	Synthesis of copper nanoparticles supported on MoO ₃ using Sun spurge leaf extract and their catalytic activity. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4531.	1.7	8
101	Enhancement of third-order nonlinear optical properties of HMTA stabilized pure and doped ZnS nanoparticles and their electronic structures. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2018, 27, 1850016.	1.1	8
102	Investigating phase transition and morphology of Bi-Te thermoelectric system. <i>Materials Today Advances</i> , 2020, 8, 100082.	2.5	8
103	Novel thin film nanocomposite membranes incorporated with polyoxovanadate nanocluster for high water flux and antibacterial properties. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5494.	1.7	8
104	Electrical properties of α-antimony selenide. <i>Pramana - Journal of Physics</i> , 1998, 50, 25-33.	0.9	7
105	Modifications in room temperature ferromagnetism by dense electronic excitations in Zn _{0.9} Mg _{0.1} O thin films. <i>Journal of Alloys and Compounds</i> , 2017, 710, 831-835.	2.8	7
106	Surface plasmon band tailoring of plasmonic nanostructure under the effect of water radiolysis by synchrotron radiation. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 1209-1217.	1.0	7
107	Synthesis, characterization & study of Ni-doped CdS nanoparticle for high voltage application. <i>Vacuum</i> , 2019, 160, 75-80.	1.6	7
108	Nanoindentation study on germania-doped silica glass preforms: evidence for the compaction-densification model of photosensitivity. <i>Optics Letters</i> , 2009, 34, 2414.	1.7	6

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109	Electronic Structure and Magnetic Properties of the $\text{Ni}_{0.2}\text{Cd}_{0.3}\text{Fe}_{2.5-x}\text{Al}_x\text{O}_4$ (0 ≤ x ≤ 0.4) Ferrite Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 396-401.	0.9	6
110	Evolution of magnetic nanophases of Ni embedded in Al_2O_3 (001) matrix by X-ray magnetic circular dichroism. <i>Chemical Physics Letters</i> , 2011, 501, 404-408.	1.2	6
111	Study of the electronic structure and luminescence of Mn-doped SrS phosphors. <i>Journal of the Korean Physical Society</i> , 2012, 61, 1604-1608.	0.3	6
112	Modification of magnetic anisotropy induced by swift heavy ion irradiation in cobalt ferrite thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 394, 432-438.	1.0	6
113	Rapid thermal annealing induced modification in structural and electronic structure properties of $\text{Ti}_{0.95}\text{Co}_{0.05}\text{O}_2$ thin films. <i>Materials Research Bulletin</i> , 2016, 83, 534-541.	2.7	6
114	Band engineering via grain boundary defect states for large scale tuning of photoconductivity in $\text{Bi}_{1-x}\text{Ca}_x\text{Fe}_{1-y}\text{Ti}_y\text{O}_3$. <i>Journal of Applied Physics</i> , 2019, 126, .	1.1	6
115	Efficient nitro-aromatic sensor via highly luminescent Zn-based metal-organic frameworks. <i>Chemical Engineering Journal Advances</i> , 2022, 11, 100348.	2.4	6
116	XAS and XMCD studies of amorphous FeCo-based ribbons. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 2228-2231.	1.5	5
117	Blue shift in the optical bandgap of tin oxide thin films by controlling oxygen-to-argon gas flow ratio. <i>Functional Materials Letters</i> , 2015, 08, 1550014.	0.7	5
118	Electronic excitation induced modifications in the ferroelectric polarization of BiFeO_3 thin films. <i>Vacuum</i> , 2018, 155, 572-577.	1.6	5
119	MAGNETIC AND ELECTRONIC STRUCTURE STUDIES OF $\text{Mn}_{1-x}\text{Fe}_{2-2x}\text{Ti}_x\text{O}_4$ (0 ≤ x ≤ 0.5) FERRITES. <i>Functional Materials Letters</i> , 2010, 03, 269-273.		
120	Effect of proton irradiation on electrical properties of a- As_2S_3 . <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 2340-2343.	1.5	4
121	Study of participant-spectator matter, thermalization and other related phenomena for neutron-rich colliding pair. <i>European Physical Journal A</i> , 2012, 48, 1.	1.0	4
122	Valence state and co-ordination of implanted ions in MgO. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	4
123	Ferromagnetism in Fe doped ZnO synthesized by co-precipitation method. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 616-618.	0.5	3
124	Electronic charge transfer in cobalt doped fullerene thin films and effect of energetic ion impacts by x-ray absorption spectroscopy. <i>Thin Solid Films</i> , 2011, 519, 8401-8405.	0.8	3
125	Effect of substrate temperature on structural and optical properties of nitrogen doped SnO_2 thin film. , 2014, , .		3
126	Structural, magnetic and electronic structure studies of $\text{PrFe}_{1-x}\text{Mn}_x\text{O}_3$ (x=0, 0.1, 0.3, 0.5) thin films grown on Si (100). <i>Journal of Alloys and Compounds</i> , 2015, 628, 151-157.	2.8	3

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127	Simple Preparation of Cuprous Oxide Nanoparticles for Catalysis of Azide-alkyne Cycloaddition. Journal of Chemical Research, 2018, 42, 166-169.	0.6	3
128	Evidence of ZnCO ₃ interstitial phase in carbon implanted ZnO(002) thin films and room temperature ferromagnetism. Vacuum, 2021, 184, 109897.	1.6	3
129	Structural, magnetic and electronic structure properties of pure and Ti doped Mg _{0.95} Mn _{0.05} Fe ₂ O ₄ nanocrystalline thin films. Ceramics International, 2013, 39, 1645-1650.	2.3	2
130	Electronic structure of Ln ₂ O ₂ Te (Ln=La, Sm and Gd) by X-ray absorption spectroscopy. Vacuum, 2018, 158, 39-41.	1.6	2
131	Fabrication of Magnetic Tunnel Junctions. , 2019, , 53-77.		2
132	Effect of oxygen pressure on the structural and optical properties of ZnO/Si(100) thin films. , 2013, , .		1
133	Tailoring of absorption edge by thermal annealing in tin oxide thin films. AIP Conference Proceedings, 2015, , .	0.3	1
134	XAS and XMCD investigation of zinc ferrite nanoparticles irradiated with 100 MeV O beam. , 2015, , .		1
135	Preparation and investigation of copper-manganese mixed oxides as a high-efficiency catalyst for the azide-alkyne 1,3-dipolar cycloaddition reaction. Polyhedron, 2019, 160, 58-62.	1.0	1
136	Near edge X-ray absorption fine structure study of Zn _{0.8} Mg _{0.2} O thin films. , 2013, , .		0
137	Phase-evolution in Co-Sb System: CoSb ₃ Solvothermal Synthesis. Materials Today: Proceedings, 2019, 18, 1358-1363.	0.9	0
138	Nickel cobaltite nanoparticles: preparation, characterization, and catalytic activity. Ionics, 2019, 25, 2887-2892.	1.2	0