

Tapash Chandra Paul

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	XRD peak profile and optical properties analysis of Ag-doped h-MoO ₃ nanorods synthesized via hydrothermal method. Journal of Materials Science: Materials in Electronics, 2020, 31, 1768-1786.	2.2	56
2	Effect of Fe-doping and post annealing temperature on the structural and optical properties of MoO ₃ nanosheets. Journal of Materials Science: Materials in Electronics, 2019, 30, 14355-14367.	2.2	39
3	Synthesis and characterization of Zn-incorporated TiO ₂ thin films: impact of crystallite size on X-ray line broadening and bandgap tuning. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	37
4	Effect of gamma (γ) irradiation on the structural, morphological, optical and electrical properties of spray pyrolysis-deposited h-MoO ₃ thin films. Surfaces and Interfaces, 2019, 17, 100377.	3.0	25
5	Influence of Fe ³⁺ ions doping on TiO ₂ thin films: Defect generation, d-d transition and band gap tuning for optoelectronic device applications. Physica B: Condensed Matter, 2021, 604, 412618.	2.7	23
6	Dy-doped MoO ₃ nanobelts synthesized via hydrothermal route: Influence of Dy contents on the structural, morphological and optical properties. Journal of Alloys and Compounds, 2021, 876, 160070.	5.5	17
7	Optical constants and dispersion energy parameters of Zn-doped TiO ₂ thin films prepared by spray pyrolysis technique. Surfaces and Interfaces, 2020, 21, 100725.	3.0	12
8	Gamma irradiated nanostructured NiFe ₂ O ₄ : Effect of γ -photon on morphological, structural, optical, and magnetic properties. AIP Advances, 2021, 11, .	1.3	10
9	Synthesis of La-doped Mn ^{0.6} Zn ^{0.4} LaxFe _{2-x} O ₄ and the study of its structural, electrical and magnetic properties for high frequency applications. Results in Materials, 2021, 11, 100215.	1.8	10
10	Magnetic and dielectric properties of ZnFe ₂ O ₄ /nanoclay composites synthesized via sol-gel autocombustion. Materials Chemistry and Physics, 2021, 271, 124914.	4.0	9
11	Effect of Fe doping on the microstructure, optical and dispersion energy characteristics of TiO ₂ thin films prepared via spray pyrolysis technique. Results in Optics, 2022, 8, 100235.	2.0	4
12	Impact of Cr substitution on the structural, morphological, dielectric, and electrical properties of MgCo ₂ O ₄ nanoparticles synthesized via solid-state reaction route. Results in Surfaces and Interfaces, 2021, 5, 10	2.4	0