

# Tapash Chandra Paul

## List of Publications by Year in descending order

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12  
papers

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1163117  
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docs citations

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times ranked

127  
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#	ARTICLE	IF	CITATIONS
1	Effect of Fe doping on the microstructure, optical and dispersion energy characteristics of TiO <sub>2</sub> thin films prepared via spray pyrolysis technique. Results in Optics, 2022, 8, 100235.	2.0	4
2	Influence of Fe <sup>3+</sup> ions doping on TiO <sub>2</sub> 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
3	Gamma irradiated nanostructured NiFe <sub>2</sub> O <sub>4</sub> : Effect of $\hat{\Gamma}^3$ -photon on morphological, structural, optical, and magnetic properties. AIP Advances, 2021, 11, .	1.3	10
4	Synthesis of La-doped MnO $\hat{A}$ 6Zn0.4LaxFe2-xO4 and the study of its structural, electrical and magnetic properties for high frequency applications. Results in Materials, 2021, 11, 100215.	1.8	10
5	Dy-doped MoO <sub>3</sub> 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
6	Magnetic and dielectric properties of ZnFe <sub>2</sub> O <sub>4</sub> /nanoclay composites synthesized via sol-gel autocombustion. Materials Chemistry and Physics, 2021, 271, 124914.	4.0	9
7	Impact of Cr substitution on the structural, morphological, dielectric, and electrical properties of MgCo<math>x\text{Mn}_x\text{M}_2\text{O}_4</math> nanoparticles synthesized via sol-gel reaction route. Results in Surfaces and Interfaces, 2021, 5, 36	2.4	0
8	XRD peak profile and optical properties analysis of Ag-doped h-MoO <sub>3</sub> nanorods synthesized via hydrothermal method. Journal of Materials Science: Materials in Electronics, 2020, 31, 1768-1786.	2.2	56
9	Optical constants and dispersion energy parameters of Zn-doped TiO <sub>2</sub> thin films prepared by spray pyrolysis technique. Surfaces and Interfaces, 2020, 21, 100725.	3.0	12
10	Effect of Fe-doping and post annealing temperature on the structural and optical properties of MoO <sub>3</sub> nanosheets. Journal of Materials Science: Materials in Electronics, 2019, 30, 14355-14367.	2.2	39
11	Synthesis and characterization of Zn-incorporated TiO <sub>2</sub> 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
12	Effect of gamma ( $\hat{\Gamma}^3$ ) irradiation on the structural, morphological, optical and electrical properties of spray pyrolysis-deposited h-MoO <sub>3</sub> thin films. Surfaces and Interfaces, 2019, 17, 100377.	3.0	25