

# Santunu Ghosh

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

157  
citations

1163117

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h-index

1199594

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g-index

12  
all docs

12  
docs citations

12  
times ranked

110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic characterization, electronic structure and vibrational properties of $(\text{NH}_4)_2\text{M}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ (M=Mn, Ni) crystals. Solid State Communications, 2021, 334-335, 114384.	1.9	3
2	Growth and optical properties of nanocrystalline $\text{Sb}_2\text{Se}_3$ thin-films for the application in solar-cells. Solar Energy, 2020, 211, 613-621.	6.1	25
3	Growth and vibrational spectroscopy of $(\text{NH}_4)_2\text{M}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ (M=Mn, Ni) crystals. Materials Research Express, 2021, 8, 096302.	2.2	8
4	Electronic Conduction Mechanisms and Defects in Polycrystalline Antimony Selenide. Journal of Physical Chemistry C, 2020, 124, 7677-7682.	3.1	14
5	Growth, characterization and vibrational spectroscopy of $(\text{NH}_4)_2\text{M}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ (M=Mn, Ni) crystals. Materials Research Express, 2019, 6, 096302.	1.5	5
6	Epitaxial growth and characterization of $\text{Cd}_{1-x}\text{Mn}_x\text{Te}$ films on $\text{Si}(1\bar{1}\bar{1})$ substrates. Journal of Crystal Growth, 2019, 522, 25-29.	3.9	16
7	Electronic properties and vibrational spectra of $(\text{NH}_4)_2\text{M}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ (M=Ni, Cu) Tutton's salt: DFT and experimental study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 218, 281-292.	1.5	25
8	Growth and characterization of ammonium nickel-cobalt sulfate Tutton's salt for UV light applications. Journal of Crystal Growth, 2018, 487, 104-115.	3.6	21
9	Growth and characterization of ammonium nickel-copper sulfate hexahydrate: A new crystal of Tutton's salt family for the application in solar-blind technology. Optical Materials, 2018, 85, 425-437.	1.6	15
10	Growth and structural analysis of ammonium nickel cobalt sulfate hexahydrate crystals. Materials Research Express, 2017, 4, 105036.	3.1	13
11	Growth and characterization of potassium cobalt nickel sulfate hexahydrate crystals: A new UV light filter. Journal of Science: Advanced Materials and Devices, 2017, 2, 354-359.		