

J Shanthi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7191491/publications.pdf>

Version: 2024-02-01

14
papers

129
citations

1478280

6
h-index

1281743

11
g-index

15
all docs

15
docs citations

15
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical, dielectric & ferroelectric studies on amino acids doped TGS single crystals. RSC Advances, 2016, 6, 33686-33694.	1.7	47
2	Surface energy calculation using Hamaker's constant for polymer/silane hydrophobic thin films. Materials Letters, 2019, 253, 409-411.	1.3	18
3	Inclusion of an anionic dye in the molecular structure of potassium dihydrogen phosphate crystal for SSDL applications. Indian Journal of Physics, 2019, 93, 991-1000.	0.9	18
4	Growth and impedance analysis of pure TGAc and dye doped TGAc crystals-enhanced dielectric permittivity for energy-storage devices. SN Applied Sciences, 2020, 2, 1.	1.5	16
5	Superhydrophilic TEOS/PF-127 based antireflection coating for solar and optical applications. Optical Materials, 2021, 118, 111246.	1.7	9
6	Growth and analysis of NSH and KMNSH crystals by slow evaporation technique. Crystallography Reports, 2014, 59, 1114-1117.	0.1	6
7	Spin-coated polymer composite hydrophobic surfaces with self-cleaning performance. Materials Research Express, 2019, 6, 076412.	0.8	4
8	Photon management by scratch-resistant antireflection coating for the efficiency enhancement of silicon solar cell. International Journal of Energy Research, 2022, 46, 15485-15498.	2.2	3
9	Non-wettable antibacterial thin film: PS/Aloe vera and PS/Acalypha indica. Polymers and Polymer Composites, 2021, 29, S622-S630.	1.0	2
10	Optical and Thermal Properties of Acid Red Doped Triglycine Acetate Crystal for Optoelectronic Applications. Crystal Research and Technology, 2022, 57, 2100130.	0.6	2
11	Methyl Orange Doped Sulphamic Acid Single Crystals: Growth, Optical and Thermal Properties for Optoelectronic Applications. Brazilian Journal of Physics, 2022, 52, 1.	0.7	2
12	Crystal violet doped triglycine acetate crystal: a potential material for optoelectronic applications. Indian Journal of Physics, 0, , 1.	0.9	1
13	Dye doped sulphamic acid crystals: a potential material for optoelectronic applications. Journal of Materials Science: Materials in Electronics, 0, , 1.	1.1	1
14	Thermal and optical studies of NLO active single crystal: Nicotinic l-tartaric. Optik, 2016, 127, 2946-2949.	1.4	0