

U P Gawai

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

440
citations

1040056

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h-index

940533

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16
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical, structural, optical and gamma radiation shielding properties of borate glasses containing heavy metals (Bi ₂ O ₃ /MoO ₃). Journal of Non-Crystalline Solids, 2019, 507, 30-37.	3.1	162
2	Physical, structural, optical investigation and shielding features of tungsten bismuth tellurite based glasses. Journal of Non-Crystalline Solids, 2019, 503-504, 158-168.	3.1	105
3	A study on the synthesis, longitudinal optical phonon-plasmon coupling and electronic structure of Al doped ZnS nanorods. RSC Advances, 2017, 7, 12382-12390.	3.6	42
4	Modified structural, surface morphological and optical studies of Li ³⁺ swift heavy ion irradiation on zinc oxide nanoparticles. RSC Advances, 2016, 6, 49068-49075.	3.6	34
5	A study on the synthesis, pair distribution function and diverse properties of cobalt doped ZnS nanowires. CrystEngComm, 2016, 18, 1439-1445.	2.6	18
6	Doping effect on the local structure of metamagnetic Co doped Ni/NiO:GO core-shell nanoparticles using X-ray absorption spectroscopy and the pair distribution function. Physical Chemistry Chemical Physics, 2019, 21, 1294-1307.	2.8	15
7	A study of nanostructured ZnS polymorphs by synchrotron X-ray diffraction and atomic pair distribution function. RSC Advances, 2016, 6, 50479-50486.	3.6	13
8	Estimation of accurate size, lattice strain using Williamson-Hall models, SSP and TEM of Al doped ZnO nanocrystals. Materiaux Et Techniques, 2018, 106, 602.	0.9	12
9	Local structural studies on Co doped ZnS nanowires by synchrotron X-ray atomic pair distribution function and micro-Raman shift. RSC Advances, 2017, 7, 37402-37411.	3.6	11
10	Synthesis and different property of yttrium doped ZnS nanoparticles. AIP Conference Proceedings, 2016, , .	0.4	6
11	Synthesis and Characterization of Chromium Doped Zinc Sulfide Nanoparticles. Open Access Library Journal (oalib), 2015, 02, 1-8.	0.2	6
12	A synthesis and diverse property studies on Ni doped ZnS Nanowires. Journal of Materials Science: Materials in Electronics, 2017, 28, 10958-10964.	2.2	5
13	Synthesis, local structure and optical property studies of β -SnS microrods by synchrotron X-ray pair distribution function and micro-Raman shift. RSC Advances, 2020, 10, 21277-21282.	3.6	4
14	Effect of silver doping on ZnO nanocrystals. AIP Conference Proceedings, 2016, , .	0.4	3
15	Microwave-Assisted Coprecipitation Synthesis and Local Structural Investigation on NiO, β -Ni(OH) ₂ /Co ₃ O ₄ Nanosheets, and Co ₃ O ₄ Nanorods Using X-ray Absorption Spectroscopy at Co-Ni K-edge and Synchrotron X-ray Diffraction. ACS Omega, 2022, 7, 6700-6709.	3.5	3
16	Substitutional effect of Ni on different properties of ZnO nanocrystals. AIP Conference Proceedings, 2015, , .	0.4	1