

Vineet Sharma

List of Publications by Year in descending order

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30
papers

1,111
citations

471509

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454955

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all docs

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docs citations

30
times ranked

935
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferrimagnetic Ni doped Mg-Zn spinel ferrite nanoparticles for high density information storage. Journal of Alloys and Compounds, 2017, 704, 7-17.	5.5	166
2	Improvement in magnetic behaviour of cobalt doped magnesium zinc nano-ferrites via co-precipitation route. Journal of Alloys and Compounds, 2016, 684, 569-581.	5.5	158
3	Recent developments on the optical properties of thin films of chalcogenide glasses. Progress in Solid State Chemistry, 2016, 44, 131-141.	7.2	89
4	Enhancement in A-B super-exchange interaction with Mn substitution in Mg-Zn ferrites as a heating source in hyperthermia applications. Ceramics International, 2017, 43, 13661-13669.	4.8	79
5	Effect of compositional dependence on physical and optical parameters of Te ₁₇ Se ₈₃ -Bi glassy system. Journal of Alloys and Compounds, 2016, 667, 204-210.	5.5	66
6	Effect of In additive on the electrical properties of Se-Te alloy. Semiconductor Science and Technology, 2005, 20, 103-107.	2.0	57
7	Nanomaterials for high frequency device and photocatalytic applications: Mg-Zn-Ni ferrites. Journal of Alloys and Compounds, 2018, 746, 532-539.	5.5	57
8	Far-infrared investigation of ternary Ge-Se-Sb and quaternary Ge-Se-Sb-Te chalcogenide glasses. Journal of Non-Crystalline Solids, 2013, 375, 114-118.	3.1	40
9	Analysis of chemical ordering and fragility for Ge-Se-In glasses. Applied Physics A: Materials Science and Processing, 2015, 120, 137-143.	2.3	39
10	Effect of Sb additive on the electrical properties of Se-Te alloy. Journal of Non-Crystalline Solids, 2005, 351, 2468-2473.	3.1	38
11	CdS nanofilms: Effect of film thickness on morphology and optical band gap. Journal of Applied Physics, 2012, 112, .	2.5	38
12	Chemical ordering and electronic properties of lone pair chalcogenide semiconductors. Progress in Solid State Chemistry, 2019, 54, 31-44.	7.2	30
13	Optical analysis of Ge ₁₉ Se _{81-x} Sb _x thin films using single transmission spectrum. Materials Chemistry and Physics, 2012, 136, 967-972.	4.0	29
14	Structural transition in II-VI nanofilms: Effect of molar ratio on structural, morphological, and optical properties. Journal of Applied Physics, 2012, 111, .	2.5	26
15	Finger prints of chemical bonds in Sb-Se-Ge and Sb-Se-Ge-In glasses: A Far-IR study. Journal of Non-Crystalline Solids, 2013, 362, 136-139.	3.1	24
16	Band gap and dispersive behavior of Ge alloyed a-SbSe thin films using single transmission spectrum. Materials Chemistry and Physics, 2012, 134, 158-162.	4.0	22
17	New Quaternary Sb-Se-Ge-In Chalcogenide Glasses: Linear and Nonlinear Optical Properties. Journal of Electronic Materials, 2013, 42, 3367-3372.	2.2	21
18	Effect of light intensity and temperature on the recombination mechanism in a-(Ge ₂₀ Se ₈₀) _{99.5} Cu _{0.5} thin film. Journal Physics D: Applied Physics, 2005, 38, 1959-1965.	2.8	17

#	ARTICLE	IF	CITATIONS
19	Dependence of structural cross-linking, system energy and transition temperature on coordination number for Sm doped GST. Results in Physics, 2019, 13, 102276.	4.1	16
20	Photoconductivity in Thin Film of a-(Ge ₂₀ Se ₈₀) _{0.90} Sn _{0.10} . Journal of Materials Science, 2006, 41, 2327-2332.	3.7	15
21	Improvement in thermal stability and crystallization mechanism of Sm doped GeSbTe thin films for phase change memory applications. Journal of Alloys and Compounds, 2022, 893, 162316.	5.5	14
22	Electrical properties of a-Se ₈₅ Te ₁₅ Sn _x thin films. Journal of Non-Crystalline Solids, 2007, 353, 1474-1477.	3.1	13
23	Phase transition in a-Se ₈₅ Te ₁₅ thin film on thermal annealing. Journal of Physics Condensed Matter, 2006, 18, 10279-10290.	1.8	11
24	Structural transition on doping rare earth Sm to GeSbTe phase change material. Journal of Alloys and Compounds, 2021, 877, 160246.	5.5	11
25	Redshift in Absorption Edge of Cd _{1-x} Co _x Nanofilms. IEEE Nanotechnology Magazine, 2014, 13, 343-348.	2.0	10
26	Structural, morphological and magnetic analysis of Cd ^{1-x} Co ^x S dilute magnetic semiconductor nanofilms. Journal of Magnetism and Magnetic Materials, 2014, 367, 1-8.	2.3	8
27	CdS nanopowder and nanofilm: Simultaneous synthesis and structural analysis. Electronic Materials Letters, 2013, 9, 371-374.	2.2	6
28	Effect of local structure on the optical and dielectric behaviour of Sm doped GeSbTe phase change material. Optical Materials, 2021, 115, 111057.	3.6	5
29	Improvement in stability of GST PCMs on Sm addition for memory devices. Journal of Non-Crystalline Solids, 2020, 532, 119887.	3.1	4
30	Phase Transition in II ^{VI} Nanofilms of Dilute Magnetic Semiconductors: Cd _{1-x} Ni _x S. Science of Advanced Materials, 2013, 5, 713-717.	0.7	2