

Ranadip Kundu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ac conductivity of transition metal oxide doped glassy nanocomposite systems: temperature and frequency dependency. <i>Materials Research Express</i> , 2018, 5, 095201.	1.6	14
2	Anomalous electrical conductivity in selenite glassy nanocomposites. <i>Materials Chemistry and Physics</i> , 2017, 199, 322-328.	4.0	13
3	Positron annihilation studies and complementary experimental characterization of $x\text{Ag}_{2-x}\text{O} \cdot (1-x)(0.3\text{CdO} \cdot 0.7\text{MoO}_3)$ metal oxide glass nanocomposites. <i>RSC Advances</i> , 2017, 7, 8131-8141.	3.6	12
4	Interpretation of dc and ac conductivity of $\text{Ag}_2\text{O} \cdot \text{SeO}_2 \cdot \text{MoO}_3$ glass-nanocomposite-semiconductor. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2015, 197, 51-57.	3.5	9
5	Microstructure, electrical conductivity and modulus spectra of CdI_2 doped nanocomposite-electrolytes. <i>Physica B: Condensed Matter</i> , 2017, 507, 107-113.	2.7	9
6	Electrical Transport of Mixed Phased Glassy Nanocomposites. <i>Transactions of the Indian Ceramic Society</i> , 2015, 74, 35-40.	1.0	7
7	Electrical relaxation and grain boundary effect in CdI_2 doped glass-nanocomposites. <i>Journal of Non-Crystalline Solids</i> , 2016, 452, 169-175.	3.1	7
8	Conductivity spectra of silver-phosphate glass nanocomposites: Frequency and temperature dependency. <i>Journal of Non-Crystalline Solids</i> , 2018, 495, 47-53.	3.1	7
9	Micromechanical hardness study and the effect of reverse indentation size on heat-treated silver doped zinc-molybdate glass nanocomposites. <i>Journal of Alloys and Compounds</i> , 2019, 770, 136-142.	5.5	7
10	Conductivity of Cu^{+2} ion-conducting glassy nanocomposites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014, 189, 21-26.	3.5	6
11	Study of Electrical Transport of $\text{Ag}_2\text{O} \cdot \text{CdO} \cdot \text{MoO}_3$ Glass-Nanocomposite-Semiconductor. <i>ChemistrySelect</i> , 2017, 2, 6100-6108.	1.5	5
12	Conductivity Relaxation of ZnO Doped Glassy Nanocomposites. <i>Journal of Advanced Physics</i> , 2014, 3, 237-240.	0.4	3
13	Giant Hardness of Heat-Treated Glass-Nanocomposites. <i>Journal of Advanced Physics</i> , 2014, 3, 241-243.	0.4	2
14	Relaxation of Cu^{+2} in selenite glass nanocomposites. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
15	On the mechanical properties of selenite glass nanocomposites. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
16	Electrical and mechanical properties of ZnO doped silver-molybdate glass-nanocomposite system. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
17	Polaron Transport of Nano- CdO Embedded Glass-Semiconductor. <i>Journal of Advanced Physics</i> , 2014, 3, 254-257.	0.4	0