

Subha Samanta

List of Publications by Year in descending order

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11
papers

112
citations

1163117
8
h-index

1372567
10
g-index

11
all docs

11
docs citations

11
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant Dielectric Constant of Copper Nanowires/Amorphous SiO ₂ Composite Thin Films for Supercapacitor Application. ACS Omega, 2020, 5, 12421-12430.	3.5	16
2	Studies on nanoconfinement effect of NiO-SiO ₂ spin glass within mesoporous Al ₂ O ₃ template. Journal of Alloys and Compounds, 2021, 887, 161447.	5.5	14
3	Giant magnetodielectric effect in composites of nanodimensional spin glass of system CoO-SiO ₂ and mesoporous silica SBA-15. Journal of Magnetism and Magnetic Materials, 2019, 491, 165633.	2.3	13
4	Giant dielectric permittivity in interrupted silver nanowires grown within mesoporous silica. Journal Physics D: Applied Physics, 2018, 51, 245301.	2.8	12
5	Effect of Microstructure on Ionic Transport in Silica-Based Sodium Containing Nanoconfined Systems and Their Electrochemical Performance as Electrodes. Journal of Physical Chemistry C, 2020, 124, 21155-21169.	3.1	11
6	Composites of nanodimensional glass in the system Na ₂ O-SiO ₂ /Mesoporous silica and their high ionic conductivity. Journal of Physics and Chemistry of Solids, 2020, 142, 109470.	4.0	11
7	Crossover of positive and negative magnetoconductance in composites of nanosilica glass containing dual transition metal oxides. RSC Advances, 2021, 11, 16106-16121.	3.6	11
8	Magnetodielectric behaviour of composites of NiO-SiO ₂ nanoglass and mesoporous silica SBA-15. Journal of Non-Crystalline Solids, 2021, 569, 120997.	3.1	11
9	Rice-Bernasconi Gorkov-Eliashberg Effect of Giant Dielectric Permittivity in Silica-Based Films Containing Interrupted Silver Nanowires. Transactions of the Indian Institute of Metals, 2019, 72, 1963-1969.	1.5	9
10	Enhanced ionic conduction in nanodimensional lithium borosilicate glass confined within mesoporous alumina. AIP Conference Proceedings, 2020, , .	0.4	2
11	Room temperature magnetodielectric effect in composites of cobalt containing silica based nanoglass and mesoporous alumina. AIP Conference Proceedings, 2020, , .	0.4	2