Surajit Ghosh

List of Publications by Year
in descending order

29 papers	269 citations	933447 10 h-index	996975 15 g-index
29 all docs	29 docs citations	29 times ranked	289 citing authors

#	Article	IF	Citations
1	B-site disorder driven multiple-magnetic phases: Griffiths phase, re-entrant cluster glass, and exchange bias in Pr2CoFeO6. Applied Physics Letters, 2019, 114, .	3.3	37
2	Structural, magnetic and optical properties of ZnO nanostructures converted from ZnS nanoparticles. Materials Research Bulletin, 2016, 81, 85-92.	5.2	23
3	Effect of impurity concentration on optical and magnetic properties in ZnS:Cu nanoparticles. Physica E: Low-Dimensional Systems and Nanostructures, 2017, 93, 148-152.	2.7	20
4	Investigation of multi-mode spinâ€“phonon coupling and local B-site disorder in Pr₂CoFeO₆ by Raman spectroscopy and correlation with its electronic structure by XPS and XAS studies. Journal of Physics Condensed Matter, 2019, 31, 275802.	1.8	19
5	Antiferromagnetic coupling in Co-doped ZnS. Journal of Materials Science, 2015, 50, 7919-7929.	3.7	18
6	In vitro concentration dependent detection of creatinine: a surface enhanced Raman scattering and fluorescence study. RSC Advances, 2016, 6, 112562-112567.	3.6	18
7	Structural, magnetic and optical properties of diluted magnetic semiconductor (DMS) phase of Ni modified CuO nanoparticles. Current Applied Physics, 2021, 32, 24-35.	2.4	15
8	Bound magnetic polaron driven room-temperature ferromagnetism in Ni doped ZnS nanoparticles. Materials Chemistry and Physics, 2018, 216, 285-293.	4.0	14
9	Extraordinary magnetic properties of double perovskite Eu₂CoMnO₆ wide band gap semiconductor. Journal of Physics Condensed Matter, 2020, 32, 365802.	1.8	12
10	Interface States of Fe3O4/Si Interfacial Structure and Effect of Magnetic Field. Journal of Electronic Materials, 2014, 43, 4357-4363.	2.2	11
11	Room temperature exchange bias in antiferromagnetic composite BiFeO3-TbMnO3. Journal of Applied Physics, 2019, 126, .	2.5	9
12	Emergence of metamagnetic transition, re-entrant cluster glass and spin phonon coupling in Tb₂CoMnO₆. Journal of Physics Condensed Matter, 2021, 33, 275802.	1.8	9
13	Injecting electrode controlled electronic transport across Fe3O4 film-Si interfacial structure. Journal of Alloys and Compounds, 2014, 612, 418-424.	5.5	8
14	Electronic structure by X-ray absorption spectroscopy and observation of field induced unusually slow spin relaxation from magnetic properties in pyrochlore Eu2â^'xFexTi2O7. Journal of Magnetism and Magnetic Materials, 2019, 476, 7-17.	2.3	7
15	Wasp â€“ Waisted loop and spin frustration in Dy2â^'xEuxTi2O7 pyrochlore. Journal of Magnetism and Magnetic Materials, 2021, 518, 167364.	2.3	7
16	Study of band structure, transport and magnetic properties of BiFeO3â€“TbMnO3 composite. SN Applied Sciences, 2019, 1, 1.	2.9	6
17	Existence of exchange bias and Griffith phase in (Tb1-xCex)MnO3. Journal of Magnetism and Magnetic Materials, 2020, 500, 166261.	2.3	6
18	Roles of Re-entrant cluster glass state and spinâ€“lattice coupling in magnetoâ€“dielectric behavior of giant dielectric double perovskite La_{1.8}Pr_{0.2}CoFeO₆. Journal of Physics Condensed Matter, 2020, 32, 445801.	1.8	6

#	Article	IF	Citations
19	Spin freezing and field induced transition in (Tb1â^'xEux)2Ti2O7: A magnetic property study. Journal of Magnetism and Magnetic Materials, 2019, 490, 165512.	2.3	5
20	Unusual Ferromagnetic to Paramagnetic Change and Bandgap Shift in ZnS:Cr Nanoparticles. Journal of Electronic Materials, 2019, 48, 7031-7039.	2.2	4
21	Spin phonon coupling and magneto-dielectric coupling in BiFeO₃â€“TbMnO₃ composite. Materials Research Express, 2019, 6, 086114.	1.6	4
22	Effect of fâ€“d and dâ€“d Interactions on Dielectric and Optical Properties of Pyrochlore Eu_{2â^'x}Fe_xTi₂O₇. Physica Status Solidi (B): Basic Research, 2022, 259, .	1.5	4
23	Structural and Magnetic Studies of Thermally Treated NiFe2O4 Nanoparticles. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 6135-6141.	2.2	2
24	Hysteresis in magnetoresistance and formation of spin glass like structure in PVA capped Fe3O4. Journal of Materials Science: Materials in Electronics, 2017, 28, 15284-15292.	2.2	2
25	Relaxor-super-paraelectric behaviour and crystal field driven spin-phonon coupling in pyrochlore Eu(2)Ti(2)O(7). Europhysics Letters, 0, , .	2.0	2
26	Enhanced Photocatalytic Activity and Low Temperature Magnetic/Transport Study of Cu-Doped ZnS-Based Diluted Magnetic Semiconductor Nanoparticles. Journal of Electronic Materials, 2019, 48, 4544-4551.	2.2	1
27	Magneto-thermal property study of geometrically frustrated hybrid pyrochlore Dy2-x ErxTi2O7. AIP Conference Proceedings, 2019, , .	0.4	0
28	Structural, magnetic and vibrational properties of BSTS topological insulator. AIP Conference Proceedings, 2020, , .	0.4	0
29	Study of spin-freezing transition in pyrochlore Eu1.9Ce0.1Ti2O7 from AC-susceptibility measurement. AIP Conference Proceedings, 2020, , .	0.4	0