

Shankar Subramanian

List of Publications by Year in descending order

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27
papers

469
citations

623734

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713466

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27
all docs

27
docs citations

27
times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
1	Variable Dielectric and Ferroelectric Properties in Size-Controlled Cobalt Ferrite. Springer Proceedings in Materials, 2022, , 35-40.	0.3	0
2	Structural and impedance spectroscopy in BiFeO ₃ –BiCoO ₃ –BaTiO ₃ ternary system. Materials Today: Proceedings, 2021, 47, 1696-1699.	1.8	1
3	Multiferroic and magnetodielectric properties of Co _{0.5} Ni _{0.5} Fe ₂ O ₄ - BaTiO ₃ composites. AIP Conference Proceedings, 2021, , .	0.4	0
4	Tunable dielectric and energy storage studies in NdMnO ₃ based composites. Materials Today: Proceedings, 2021, 49, 3414-3414.	1.8	0
5	Strong enhancement in structural, dielectric, impedance and magnetoelectric properties of NdMnO ₃ - BaTiO ₃ multiferroic composites. Materials Chemistry and Physics, 2021, 270, 124856.	4.0	13
6	Significant improvements in dielectric, impedance, multiferroic and magnetoelectric properties of (1–x)Co _{0.5} Ni _{0.5} Fe ₂ O ₄ –xBaTiO ₃ bulk composites (x=0, 0.10 and 0.20). Journal of Materials Science: Materials in Electronics, 2021, 32, 16706-16714.	2.2	3
7	Impedance Spectroscopy and Conduction Behavior in CoFe ₂ O ₄ -BaTiO ₃ Composites. Journal of Electronic Materials, 2020, 49, 472-484.	2.2	12
8	Progress in multiferroic and magnetoelectric materials: applications, opportunities and challenges. Journal of Materials Science: Materials in Electronics, 2020, 31, 19487-19510.	2.2	21
9	Dielectric and tunable ferroelectric properties in BiFeO ₃ –BiCoO ₃ –BaTiO ₃ ternary compound. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	13
10	Structural, multiferroic, and magnetoelectric properties of (1–x)Bi _{0.85} La _{0.15} FeO ₃ –xBaTiO ₃ composite ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 12226-12237.	2.2	8
11	Structural Analysis and Magnetoelectric Sensing in Cobalt Ferrite–BaTiO ₃ Composites. The National Academy of Sciences, India, 2020, 43, 677-679.	1.3	3
12	Structural, Energy Storage Analysis and Enhanced Magnetoelectric Coupling in Mn Modified Multiferroic BiFeO ₃ . Journal of Electronic Materials, 2019, 48, 5785-5796.	2.2	10
13	Conductivity behavior and impedance studies in BaTiO ₃ –CoFe ₂ O ₄ magnetoelectric composites. Materials Chemistry and Physics, 2019, 234, 110-121.	4.0	40
14	Structural, microstructural and multiferroic properties of BiFeO ₃ –CoFe ₂ O ₄ composites. Journal of Materials Science: Materials in Electronics, 2019, 30, 2837-2846.	2.2	20
15	Anomalous ferroelectricity and strong magnetoelectric coupling in CoFe ₂ O ₄ -ferroelectric composites. Journal of Alloys and Compounds, 2019, 779, 918-925.	5.5	25
16	Energy storage and magnetoelectric coupling in ferroelectric–ferrite composites. Journal of Materials Science: Materials in Electronics, 2018, 29, 18352-18357.	2.2	21
17	Impedance spectroscopy and conductivity analysis of multiferroic BFO–BT solid solutions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 379-386.	2.1	47
18	Enhanced multiferroic properties and magneto-dielectric effect analysis of La/Co modified BiFeO ₃ . Journal of Alloys and Compounds, 2017, 694, 715-720.	5.5	26

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19	Signature of multiferroicity and impedance analysis of $\text{Co}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ nanoparticles. Journal of Materials Science: Materials in Electronics, 2016, 27, 13259-13265.	2.2	10
20	Structural, magnetic, dielectric and magneto-dielectric coupling analysis of ferromagnetic- $\text{PbZr}_{0.52}\text{Ti}_{0.48}\text{O}_3$ nanocomposites. Journal of Materials Science: Materials in Electronics, 2016, 27, 6849-6853.	2.2	4
21	Effects of Sb, Zn doping on structural, electrical and optical properties of SnO_2 thin films. Materials Science in Semiconductor Processing, 2015, 31, 310-314.	4.0	31
22	Effects of co-substitution on dielectric, magnetic properties and magnetoelectric coupling in nano CoFe_2O_4 . Materials Letters, 2015, 143, 241-243.	2.6	15
23	Magneto-dielectric coupling and transport properties of the ferromagnetic- BaTiO_3 composites. Applied Physics Letters, 2015, 106, .	3.3	21
24	Studies on magnetoelectric coupling and magnetic properties of $(1-x)\text{BiFeO}_3-x\text{BaTiO}_3$ solid solutions. Journal of Materials Science: Materials in Electronics, 2015, 26, 1427-1434.	2.2	23
25	Dielectric and multiferroic properties of $0.75\text{BiFeO}_3-0.25\text{BaTiO}_3$ solid solution. Journal of Materials Science: Materials in Electronics, 2014, 25, 888-896.	2.2	27
26	Conduction mechanism and dielectric properties of $\text{BiFeO}_3-x\text{BaTiO}_3$ solid solutions. Journal of Materials Science: Materials in Electronics, 2014, 25, 4896-4901.	2.2	16
27	Evidences of magneto-electric coupling in $\text{BFO}-\text{BT}$ solid solutions. Journal of Alloys and Compounds, 2013, 577, 222-227.	5.5	59