

Research Publication

Research Papers publication:

Sr. No.	Title of papers	Name of Author	Journal	ISSN / ISBNNo.	National International with impact factor. If any
1.	“Multiferroic Fe ³⁺ ion doped BaTiO ₃ Pervoskite Nanoceramics: Structural, Optical, Electrical and Dielectric Investigations”	Dhananjay N. Bhojar, sandeep B. Somvanshi, P. B. Nalle, V. K. Mande, A. A. Pandit, K. M. Jadhav	Journal of Physics: Conference Series, 1644 (2020) 012058 IOP Publication	1742- 6596	International
2	“Characterisation Techniques for Monuments: An Overview”	Pallavi B. Nalle, Sangita Shinde, D. N. Bhojar , V. B. Huse,	OUR HERITAGE, Vol-68, Spesical Issue-11 Impact Factor (2020)- 6.8	0474-9030	International (6.8)
3	“Structural , infrared, magnetic and ferroelectric properties of Sr _{0.5} Ba _{0.5} Ti _{1-x} Fe _x O ₃ nanoceramics: Modification via trivalent Fe ion doping”	Dhananjay Natthuji Bhojar , Sandeep B. Somvanshi,, Prashant B. Kharat, A. A. Painsit, K. M. Jadhav,	Physica B: Physics of Condensed Matter, vol. 581, 15 march 2020, 411944	0921-4526	International (1.902)
4	“Doping Effect of Fe Ions on the Structural, Electrical, and Magnetic Properties of SrTiO ₃ Nanoceramic Matrix”	D.N. Bhojar , J.S. Kounsalye, .P.P. Khirade, A.A. Pandit, K.M. Jadhav	Journal of Superconductivity and Novel Magnetism, 1-12 (2018)	1557-1947	International (1.506)
5	“Investigation of Structural, Electrical and Magnetic Behavior of SrTiO ₃ Influence of Fe Ions”	Dhananjay Natthuji Bhojar , MahendraShisode, Prashant B. Kharat, K. M. Jadhav,	Journal of Chemical, Biological and Physical Sciences (2018)	2249-1929	International (1.763)
6	“Effect of Zn ²⁺ -Cr ³⁺ substitution on structural, morphological, magnetic and electrical properties of NiFe ₂ O ₄ ferrite nanoparticles”	V.K. Mande, D.N. Bhojar , S.K. Vyawahare, K.M. Jadhav,	Journal of Materials Science: Materials in Electronics 29 (17), 15259-15270 (2018)	1573-482X	International (2.171)
7	“Radiation-induced modifications in structural, electrical and dielectric properties of Ti ⁴⁺ ions substituted Li _{0.5} Fe _{2.5} O ₄ nanoparticles”	J.S. Kounsalye, P.B. Kharat, D.N. Bhojar , K.M. Jadhav,	Journal of Materials Science: Materials in Electronics 29 (10), 8601-8609 (2018)	1573-482X	International (2.171)
8	“Structural, Microstructural, Magnetic, and Ferroelectric Properties of Ba ²⁺ -Doped BiFeO ₃ Nanocrystalline Multiferroic Material”	M.V. Shisode, D.N. Bhojar , P.P. Khirade, K.M. Jadhav,	Journal of Superconductivity and Novel Magnetism, 1-9 (2017)	1557-1947	International (1.506)

9	“Structural and multiferroic properties of Ba ²⁺ doped BiFeO ₃ nanoparticles synthesized via sol-gel method”	M.V. Shisode, P.B. Kharat, D.N. Bhojar , V. Vinayak, M.K. Babrekar, K.M. Jadhav,	AIP Conference Proceedings 1953 (1), 030276 (2018)	0094243X, 15517616	International (0.40)
10	“Effect of RE (Nd ³⁺ , Sm ³⁺) oxide on structural, optical properties of Na ₂ OLi ₂ O-ZnO-B ₂ O ₃ glass system”	M.M. Hivrekar, D.N. Bhojar , V.K. Mande, V.V. Dhole, M.B. Solunke, K.M. Jadhav,	AIP Conference Proceedings 1953 (1), 090074 (2018)	0094243X, 15517616	International (0.40)
11	“Synthesis and characterization of water based NiFe ₂ O ₄ ferrofluid”	P.B. Kharat, M.V. Shisode, S.D. Birajdar, D.N. Bhojar , K.M. Jadhav,	AIP Conference Proceedings 1832 (1), 050122 (2017)	0094243X, 15517616	International (0.40)
12	“Structural and Dielectrical Properties of Pure And Strontium Doped Barium Titanate Nanoparticles By Sol-Gel Auto Combustion Method” P.M.	Kshirsagar, P.P. Khirade, D.N. Bhojar , S.J. Shukla, K.M. Jadhav,	International Journal of Innovative Science, Engineering & Technology 4 (2) (2017)	2348-7968	International (5.45)
13	“Tartaric Acid a Novel Fuel Approach: Synthesis and Characterization of CoFe ₂ O ₄ Nano Particles”	G. Kale, A.V. Humbe, P.B. Kharat, D.N. Bhojar , K.M. Jadhav,	BIONANO FRONTIER 8 (3), 146-148 (2015)	2320-9593	International