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Journal Details 2020 - 2023 (Affiliated under Velammal College of Engineering & Tehcnology)

S.No	Title of the Manuscript	Journal Name	Publisher	Author(S)	Year	Impact Factor	Citation	Application
1	Effect of Mn doping on magnetoelectric properties of polycrystalline BiFeO ₃ ceramics	Journal of Alloys and Compounds	Elsevier	R.Rajesh	2021	6.2	4	Memory storage
2	Enhanced magnetoelectric effect in heterogeneous multiferroic (x)CuFe ₂ O ₄ - (1-x)KNbO ₃ nanocomposite	Emergent Materials	Springer	R. Rajesh	2022	3.8	4	Magnetic recording
3	Enhanced energy storage performance and magnetocapacitance effect of polycrystalline BiFeO ₃ ceramics	Journal of Australian Ceramic Society	Springer	R. Rajesh	2022	1.9	2	Energy storage
4	Strain mediated electrical and optical properties of novel lead-free CuFe ₂ O ₄ -KNbO ₃ nanocomposite solid solutions: a combined experimental and DFT studies	Microscopy Research & Techniques	Wiley	R. Rajesh	2022	2.5	2	Magnetic memory storage
5	Improving selectivity of thin film solar absorber by cobalt oxide grafted	Optical Materials	Elsevier	B. K. Balachandar	2022	3.75	2	Solar thermal applications
6	Electron density distribution and magnetic ordering of polycrystalline Bi _{0.6} Sr _{0.4} FeO ₃ ceramics	Ferroelectrics	Taylor & Francis	R. Rajesh	2021	0.8	1	Memory storage
7	Electron density distribution influencing the electrical and magnetic properties of polycrystalline Bi _{0.9} Sm _{0.1} FeO ₃ ceramics	International Journal of Materials Research	Degruyter	R. Rajesh	2022	0.8	1	Energy storage
8	Energy storage performance of polycrystalline Bi _{0.85} Ho _{0.05} Sm _{0.1} FeO ₃ ceramics	Ferroelectrics	Taylor & Francis	R. Rajesh	2022	0.8	1	Energy storage

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