

Venkata Sreenivas Puli

List of Publications by Year in descending order

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21
papers

885
citations

687363

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21
all docs

21
docs citations

21
times ranked

1067
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on energy storage in lead-free ferroelectric films. Energy Storage, 2023, 5, .	4.3	8
2	Enhanced energy storage properties of epitaxial $(\text{Ba}_{0.955}\text{Ca}_{0.045})\text{Zr}_{0.17}\text{Ti}_{0.83}\text{O}_3$ ferroelectric thin films. Energy Storage, 2022, 4, .	4.7	12
3	Magnetolectric and Multiferroic Properties of $\text{BaTiO}_3/\text{NiFe}_2\text{O}_4/\text{BaTiO}_3$ Heterostructured Thin Films Grown by Pulsed Laser Deposition Technique. Crystals, 2021, 11, 1192.	2.2	5
4	Observation of large enhancement in energy-storage properties of lead-free polycrystalline $0.5\text{BaZr}_{0.2}\text{Ti}_{0.8}\text{O}_3 \sim 0.5\text{Ba}_{0.7}\text{Ca}_{0.3}\text{TiO}_3$ ferroelectric thin films. Journal Physics D: Applied Physics, 2019, 52, 255304.	2.1	27
5	Synthesis and structural properties of $\text{Ba}(1-x)\text{La}_x\text{TiO}_3$ perovskite nanoparticles fabricated by solvothermal synthesis route. AIP Conference Proceedings, 2017, .	0.4	2
6	Electric field induced weak ferroelectricity in $\text{Ba}_{0.70}\text{Sr}_{0.30}\text{TiO}_3$, ceramics capacitors. Ferroelectrics, 2017, 516, 133-139.	0.6	6
7	Core-shell like structured barium zirconium titanate-barium calcium titanate-poly(methyl Tj ETQq1 1 0.784314 BT/Overlock 10 Tf	3.8	29
8	Nanoscale polarisation switching and leakage currents in $(\text{Ba}_{0.955}\text{Ca}_{0.045})(\text{Zr}_{0.17}\text{Ti}_{0.83})\text{O}_3$ epitaxial thin films. Journal Physics D: Applied Physics, 2015, 48, 355502.	2.8	42
9	Investigations on structure, ferroelectric, piezoelectric and energy storage properties of barium calcium titanate (BCT) ceramics. Journal of Alloys and Compounds, 2014, 584, 369-373.	5.5	109
10	Photovoltaic effect in transition metal modified polycrystalline BiFeO_3 thin films. Journal Physics D: Applied Physics, 2014, 47, 075502.	2.8	54
11	Structure, Ferroelectric, Dielectric and Energy Storage Studies of $\text{Ba}_{0.70}\text{Ca}_{0.30}\text{TiO}_3$, $\text{Ba}(\text{Zr}_{0.20}\text{Ti}_{0.80})\text{O}_3$ Ceramic Capacitors. Integrated Ferroelectrics, 2014, 157, 139-146.	0.7	40
12	Synthesis and characterization of lead-free ternary component $\text{BST} \sim \text{BCT} \sim \text{BZT}$ ceramic capacitors. Journal of Advanced Dielectrics, 2014, 04, 1450014.	2.4	36
13	Magnetolectric coupling effect in transition metal modified polycrystalline BiFeO_3 thin films. Journal of Magnetism and Magnetic Materials, 2014, 369, 9-13.	2.3	11
14	Structure, dielectric, ferroelectric, and energy density properties of $(1-x)\text{BZT} \sim x\text{BCT}$ ceramic capacitors for energy storage applications. Journal of Materials Science, 2013, 48, 2151-2157.	3.7	175
15	Structure, dielectric tunability, thermal stability and diffuse phase transition behavior of lead free $\text{BZT} \sim \text{BCT}$ ceramic capacitors. Journal of Physics and Chemistry of Solids, 2013, 74, 466-475.	4.0	88
16	Structure and dielectric properties of $\text{BaO} \sim \text{B}_2\text{O}_3 \sim \text{ZnO} \sim [(\text{BaZr}_{0.2}\text{Ti}_{0.8})\text{O}_3]_{0.85} \sim [(\text{Ba}_{0.7}\text{Ca}_{0.3})\text{TiO}_3]_{0.15}$ glass-ceramics for energy storage. Journal of Materials Science: Materials in Electronics, 2012, 23, 2005-2009.	3.8	13
17	Dielectric breakdown of $\text{BaO} \sim \text{B}_2\text{O}_3 \sim \text{ZnO} \sim [(\text{BaZr}_{0.2}\text{Ti}_{0.8})\text{O}_3]_{0.85} \sim [(\text{Ba}_{0.7}\text{Ca}_{0.3})\text{TiO}_3]_{0.15}$ glass-ceramic composites. Journal of Non-Crystalline Solids, 2012, 358, 3510-3516.	3.1	20
18	Temperature Dependent Magnetic, Dielectric Studies of Sm-Substituted Bulk BiFeO_3 . Journal of Superconductivity and Novel Magnetism, 2012, 25, 1109-1114.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Barium zirconate-titanate/barium calcium-titanate ceramics via sol-gel process: novel high-energy-density capacitors. Journal Physics D: Applied Physics, 2011, 44, 395403.	2.8	141
20	Transition metal modified bulk BiFeO ₃ with improved magnetization and linear magneto-electric coupling. Journal of Alloys and Compounds, 2011, 509, 8223-8227.	5.5	49
21	A quaternary lead based perovskite structured materials with diffuse phase transition behavior. Materials Research Bulletin, 2011, 46, 2527-2530.	5.2	18