

Nandiraju Venkata Prasad

List of Publications by Year in descending order

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docs citations

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times ranked

422
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, impedance and dielectric properties of LaBi ₅ Fe ₂ Ti ₃ O ₁₈ . Bulletin of Materials Science, 2001, 24, 487-495.	1.7	52
2	Effect of samarium and vanadium co-doping on structure, ferroelectric and photocatalytic properties of bismuth titanate. RSC Advances, 2017, 7, 9680-9692.	3.6	39
3	Magnetic and magnetoelectric measurements on rare-earth-substituted five-layered Bi ₆ Fe ₂ Ti ₃ O ₁₈ compound. Journal of Magnetism and Magnetic Materials, 2000, 213, 349-356.	2.3	35
4	Dielectric properties of cobalt doped cadmium oxalate crystals. Bulletin of Materials Science, 1996, 19, 639-643.	1.7	25
5	Dielectric, Impedance, Magnetic and Magnetolectric Measurements on YMnO ₃ . Ferroelectrics, 2006, 345, 45-57.	0.6	23
6	Impedance Spectroscopic Studies on Lead Based Perovskite Materials. Ferroelectrics, 2008, 366, 55-66.	0.6	18
7	Electrical studies on A- and B-site-modified Bi ₄ Ti ₃ O ₁₂ ceramic. Ceramics International, 2009, 35, 1057-1062.	4.8	18
8	Synthesis and Electrical Properties of SmBi ₅ Fe ₂ Ti ₃ O ₁₈ . Modern Physics Letters B, 1998, 12, 371-381.	1.9	16
9	Impedance Spectroscopic Studies on SmBi ₃ Ti ₃ O ₁₂ Ceramics. Ferroelectrics, 2003, 282, 217-228.	0.6	15
10	Low temperature magnetoelectric measurements on rare earth substituted bismuth layered structure ferroelectromagnetic ceramic. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 108, 194-199.	3.5	13
11	Synthesis, Impedance and Dielectric Studies of Double Doped Strontium Bismuth Niobate Ferroelectric Ceramics. Transactions of the Indian Ceramic Society, 2019, 78, 89-93.	1.0	12
12	Impedance and Raman Spectroscopic Studies on La-modified BLSF Ceramics. Ferroelectrics, 2015, 474, 29-42.	0.6	9
13	Impedance measurements on TiO ₂ –Fe ₂ O ₃ thin films. Applied Physics A: Materials Science and Processing, 2001, 72, 341-345.	2.3	8
14	IMPEDANCE MEASUREMENTS ON A AND B SITE MODIFIED BISMUTH LAYERED STRUCTURE FERROELECTRIC CERAMICS. International Journal of Modern Physics B, 2007, 21, 1875-1890.	2.0	8
15	Effect of HIPing on conductivity and impedance measurements of DyBi ₅ Fe ₂ Ti ₃ O ₁₈ ceramics. Bulletin of Materials Science, 2000, 23, 483-489.	1.7	7
16	Impedance Spectroscopy of the Relaxor Behaviour of P.M.N. and La-Doped P.M.N.-P.T. Compositions. Ferroelectrics, 2005, 326, 43-47.	0.6	5
17	IMPEDANCE MEASUREMENTS ON PZT AND La _{0.75} Bi _{3.25} Ti ₃ O ₁₂ CERAMICS. International Journal of Modern Physics B, 2009, 23, 3881-3893.	2.0	5
18	Electrical Relaxation Studies on Lanthanum and Vanadium Modified Bi ₄ Ti ₃ O ₁₂ . Ferroelectrics, 2012, 437, 88-102.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Studies on samarium modified SrBi ₄ Ti ₄ O ₁₅ Aurivillius ferroelectric ceramics. <i>Ferroelectrics</i> , 2021, 572, 106-117.	0.6	5
20	Magnetolectric and Multiferroic Properties of BaTiO ₃ /NiFe ₂ O ₄ /BaTiO ₃ Heterostructured Thin Films Grown by Pulsed Laser Deposition Technique. <i>Crystals</i> , 2021, 11, 1192.	2.2	5
21	Raman and electrical studies on Bi ₂ SmTiNbO ₉ ceramics. <i>Ferroelectrics</i> , 2017, 517, 75-80.	0.6	4
22	Structure and dielectric properties of Sm ³⁺ modified Bi ₄ Ti ₃ O ₁₂ - SrBi ₄ Ti ₄ O ₁₅ intergrowth ferroelectrics. <i>Processing and Application of Ceramics</i> , 2020, 14, 260-267.	0.8	4
23	Electrical Impedance Characterization of Bi Doped BaTiO ₃ Prepared through Chemical Route. <i>Integrated Ferroelectrics</i> , 2010, 116, 151-160.	0.7	3
24	Electrical studies on Zr-modified Bi _{3.25} La _{0.75} Ti ₃ O ₁₂ : a promising FRAM ceramic. <i>Phase Transitions</i> , 2014, 87, 1246-1254.	1.3	3
25	Synthesis, DC conductivity and Dielectric studies on double doped Strontium Bismuth Niobate Ceramics. <i>Materials Today: Proceedings</i> , 2019, 11, 1036-1040.	1.8	3
26	Electrical Studies on Bi ₄ NdTi ₃ Fe _{0.7} Co _{0.3} O ₁₅ -Bi ₃ NdTi ₂ Fe _{0.7} Co _{0.3} O ₁₂ Intergrowth Aurivillius Ceramics. <i>Transactions of the Indian Ceramic Society</i> , 2020, 79, 113-119.	1.0	3
27	Impedance and Pyroelectric Measurements on Dy _{0.75} Bi _{3.25} Ti _{2.9625} Nb _{0.03} O ₁₂ Ceramics. <i>Ferroelectrics</i> , 2009, 386, 22-35.	0.6	2
28	Electrical studies on double rare earth modified Bi ₆ Fe ₂ Ti ₃ O ₁₈ . <i>Ferroelectrics</i> , 2017, 514, 61-69.	0.6	2
29	Influence of samarium substitution on the ferroelectricity of Bi ₄ Ti ₃ O ₁₂ ceramic. <i>Ferroelectrics</i> , 2017, 517, 41-45.	0.6	2
30	Synthesis and DC conductivity studies of multivalent substituted ABO ₃ perovskite KNN multifunctional ferroelectric materials. <i>Materials Today: Proceedings</i> , 2019, 11, 1061-1065.	1.8	2
31	ELECTRICAL PROPERTIES OF RARE EARTH SUBSTITUTED Bi ₆ Fe ₂ Ti ₃ O ₁₈ COMPOUND. <i>International Journal of Modern Physics B</i> , 2002, 16, 2231-2246.	2.0	1
32	Electrical and Pyroelectric Measurements on Charge Imbalanced Sr ₂ Bi ₂ Nb ₃ O ₁₂ Sol-Gel Ceramic. <i>Ferroelectrics</i> , 2013, 447, 126-135.	0.6	1
33	Impedance and Pyroelectric Measurements on Sm ³⁺ /Dy ³⁺ and Nb ⁵⁺ Modified Bi ₄ Ti ₃ O ₁₂ Ceramic. <i>Integrated Ferroelectrics</i> , 2010, 118, 76-85.	0.7	0
34	Synthesis and Dielectric Properties of Novel BaBi _x Ti _{1-x} O ₃ Ceramics. <i>Ferroelectrics</i> , 2011, 413, 357-370.	0.6	0
35	Effect of synthesis on properties of Gd doped LaBi ₅ Fe ₂ Ti ₃ O ₁₈ . <i>Materials Today: Proceedings</i> , 2019, 11, 1041-1048.	1.8	0