

Chandra Prakash

List of Publications by Year in descending order

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234
papers

3,767
citations

126708

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50
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all docs

235
docs citations

235
times ranked

3299
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural, dielectric, ferroelectric and piezoelectric properties of La and Fe substituted barium titanate ceramics. <i>Phase Transitions</i> , 2022, 95, 515-522.	0.6	3
2	Robust Approach for Emotion Classification Using Gait. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 885-894.	0.5	1
3	Improved ferroelectric properties and softening effect in BLTF ceramics. <i>Ceramics International</i> , 2021, 47, 25163-25167.	2.3	5
4	Integration of Dual Stress Transcriptomes and Major QTLs from a Pair of Genotypes Contrasting for Drought and Chronic Nitrogen Starvation Identifies Key Stress Responsive Genes in Rice. <i>Rice</i> , 2021, 14, 49.	1.7	22
5	Observation of high dielectric properties of Mg-substituted BST ceramic synthesized by conventional solid-state route. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 19478-19486.	1.1	2
6	Structural, dielectric, ferroelectric and ferromagnetic properties in Fe-substituted BCT ceramics for energy storage and capacitor applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 17620-17628.	1.1	2
7	Impact of magnesium content on various properties of Ba _{0.95} -xSr _{0.05} Mg _x TiO ₃ ceramic system synthesized by solid state reaction route. <i>Materials Chemistry and Physics</i> , 2021, 271, 124905.	2.0	5
8	Synthesis and dielectric properties of BCT ceramics co-substituted by Sm ³⁺ and Fe ³⁺ for capacitor applications. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160619.	2.8	2
9	Mobilization of mica by <i>Bacillus</i> sp. and its effect on Nile tilapia (<i>Oreochromis niloticus</i>) cum holy basil (<i>Ocimum tenuiflorum</i>)-based aquaponic system. <i>Aquaculture International</i> , 2020, 28, 2045-2058.	1.1	15
10	Enhanced electrocaloric effect in lead free Ba _{0.90} Sr _{0.10} Ti _{1-3x/4} FexO ₃ ceramics. <i>Journal of Alloys and Compounds</i> , 2020, 839, 155461.	2.8	5
11	Synthesis, dielectric and ferroelectric properties of Sm ³⁺ modified PZTFN ceramics. <i>Materials Chemistry and Physics</i> , 2020, 251, 123062.	2.0	2
12	Structural and dielectric study mg doped barium strontium titanate ceramic. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	2
13	Study on the satellite and ground based aerosol measurements over Himalayan region. , 2019, , .		0
14	Short-Term Bitcoin Price Fluctuation Prediction Using Social Media and Web Search Data. , 2019, , .		25
15	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2019, 19, .	0.4	3
16	Utilization of Inland saline underground water for bio-integration of Nile tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	2.4	23
17	Effect of dietary synbiotic supplementation on growth, immune and physiological status of <i>Labeo rohita</i> juveniles exposed to low pH stress. <i>Fish and Shellfish Immunology</i> , 2019, 91, 358-368.	1.6	22
18	Utilization of phyto-mediated aquaculture wastewater for production of koi carp (<i>Cyprinus carpio</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	34

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19	Toxic Effects of Selected Textile Dyes on Elemental Composition, Photosynthetic Pigments, Protein Content and Growth of a Freshwater Chlorophycean Alga <i>Chlorella vulgaris</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 795-801.	1.3	50
20	Recent Progress in Rice Varietal Development for Abiotic Stress Tolerance. , 2019, , 47-68.		8
21	Molecular Approaches for Dissecting and Improving Drought and Heat Tolerance in Rice. , 2019, , 839-867.		11
22	Use of QTLs in Developing Abiotic Stress Tolerance in Rice. , 2019, , 869-893.		3
23	Feeding <i>Artemia nauplii</i> enriched with the probiotic bacterium <i>Bacillus subtilis</i> improved growth performance, survival and digestive enzyme activity of <i>Clarias batrachus</i> (Linnaeus, 1758) larvae. <i>Indian Journal of Fisheries</i> , 2019, 66, .	0.3	0
24	Recent developments in human gait research: parameters, approaches, applications, machine learning techniques, datasets and challenges. <i>Artificial Intelligence Review</i> , 2018, 49, 1-40.	9.7	181
25	Structural properties of MoS ₂ layers grown by CVD technique. <i>Integrated Ferroelectrics</i> , 2018, 194, 16-20.	0.3	11
26	Investigation on structural and electrical properties of BZT ceramics synthesized at low temperature. <i>Integrated Ferroelectrics</i> , 2018, 193, 66-71.	0.3	0
27	Electrical properties of conventional and microwave sintered lead free magnetoelectric composites. <i>Integrated Ferroelectrics</i> , 2018, 193, 129-133.	0.3	3
28	Modification of spinel system Mg ₂ TiO ₄ with Al ³⁺ and Ca ²⁺ substitution. <i>Integrated Ferroelectrics</i> , 2018, 194, 75-79.	0.3	1
29	Whole Genome Characterization of a Few EMS-Induced Mutants of Upland Rice Variety Nagina 22 Reveals a Staggeringly High Frequency of SNPs Which Show High Phenotypic Plasticity Towards the Wild-Type. <i>Frontiers in Plant Science</i> , 2018, 9, 1179.	1.7	40
30	Effects of Dietary Anthraquinone Extract on Growth, Metabolic and Haemato-immunological Responses of <i>Cirrhinus mrigala</i> (Hamilton, 1822) Fingerlings. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2017, 87, 243-252.	0.4	2
31	Enhanced growth and immuno-physiological response of Genetically Improved Farmed Tilapia in indoor biofloc units at different stocking densities. <i>Aquaculture Research</i> , 2017, 48, 4346-4355.	0.9	76
32	Evaluation of different hydroponic media for mint (<i>Mentha arvensis</i>) with common carp (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	1.1	27
33	Room temperature large self-biased magnetoelectric effect in non-lead based piezoelectric and magnetostrictive (0a ³) particulate composite system. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 429, 60-64.	1.0	14
34	High Resolution Mapping of QTLs for Heat Tolerance in Rice Using a 5K SNP Array. <i>Rice</i> , 2017, 10, 28.	1.7	98
35	Improvement in magnetoelectric and other physical properties of BSZT-NZF composites by microwave sintering. <i>Journal of Alloys and Compounds</i> , 2017, 690, 716-719.	2.8	8
36	RiceMetaSys for salt and drought stress responsive genes in rice: a web interface for crop improvement. <i>BMC Bioinformatics</i> , 2017, 18, 432.	1.2	34

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37	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2017, 17, .	0.4	12
38	Fertility restorer (<i>Rf</i>) gene linked STMS marker: An efficient tool for testing the genetic purity of hybrid rice (<i>Oryza sativa</i> L.) seed. Indian Journal of Genetics and Plant Breeding, 2017, 77, 422.	0.2	1
39	Phenomenology of Perimenstrual Psychiatric Symptoms. Indian Journal of Public Health Research and Development, 2017, 8, 17.	0.1	0
40	Laparoscopic Cholecystectomy in Acute Cholecystitis: A Pilot Study. Indian Journal of Public Health Research and Development, 2017, 8, 238.	0.1	0
41	Prevalence of Comorbid Medical illness in Depression. Indian Journal of Public Health Research and Development, 2017, 8, 94.	0.1	0
42	UMEED-A Fuzzy Rule-Based Legal Expert System to Address Domestic Violence Against Women. Advances in Intelligent Systems and Computing, 2017, , 631-638.	0.5	0
43	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2016, 16, .	0.4	10
44	Skp1, a component of E3 ubiquitin ligase, is necessary for growth, sporulation, development and pathogenicity in rice blast fungus (<sc><i>Magnaporthe oryzae</i></sc>). Molecular Plant Pathology, 2016, 17, 903-919.	2.0	25
45	Automated detection of human gait events from conventional videography. , 2016, , .		3
46	Synthesis and characterization of PZT: CF magnetoelectric composites. Integrated Ferroelectrics, 2016, 176, 109-117.	0.3	6
47	Comparative analysis of Background Subtraction techniques and applications. , 2016, , .		4
48	A framework for human recognition using a multimodel Gait analysis approach. , 2016, , .		10
49	Optimization of hydraulic loading rate in aquaponic system with Common carp (<i>Cyprinus carpio</i>) and Mint (<i>Mentha arvensis</i>). Aquacultural Engineering, 2016, 72-73, 53-57.	1.4	40
50	A Multimodel Approach for Schizophrenia Diagnosis using fMRI and sMRI Dataset. Advances in Intelligent Systems and Computing, 2016, , 869-877.	0.5	6
51	Enhanced dielectric loss of Mg doped Ba _{0.7} Sr _{0.3} TiO ₃ ceramics. Ceramics International, 2016, 42, 14970-14975.	2.3	17
52	Unraveling the molecular basis of oxidative stress management in a drought tolerant rice genotype Nagina 22. BMC Genomics, 2016, 17, 774.	1.2	25
53	Fuzzy Logic-Based Gait Phase Detection Using Passive Markers. Advances in Intelligent Systems and Computing, 2016, , 561-572.	0.5	7
54	Study of xCo _{0.8} Ni _{0.2} Fe ₂ O ₄ +(1-x) Pb _{0.99625} La _{0.0025} Zr _{0.55} Ti _{0.45} O ₃ magnetoelectric composites. Journal of Magnetism and Magnetic Materials, 2016, 407, 279-284.	1.0	10

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55	Control of coring effect in BaTiO microwave dielectric ceramics by doping with Mn ⁴⁺ . <i>Ceramics International</i> , 2016, 42, 5286-5290.	2.3	15
56	Effect of water flow rate on polyculture of koi carp (<i>Cyprinus carpio</i> var. koi) and goldfish (<i>Carassius auratus</i>) with water spinach (<i>Ipomoea aquatica</i>) in recirculating aquaponic system. <i>Aquaculture International</i> , 2016, 24, 385-393.	1.1	37
57	Selection of stable genotype on the basis of stability performance and sustainability index in rice (<i>Oryza sativa</i> L.). <i>Electronic Journal of Plant Breeding</i> , 2016, 7, 967.	0.2	0
58	Physiological and molecular basis of water-deficit stress tolerance in F1 hybrids and their parental lines in rice. <i>Indian Journal of Genetics and Plant Breeding</i> , 2016, 76, 127.	0.2	2
59	Identification of spatio-temporal and kinematics parameters for 2-D optical gait analysis system using passive markers. , 2015, , .		20
60	Identification of gait parameters from silhouette images. , 2015, , .		13
61	Structural, Dielectric and Magnetoelectric Properties of x Co _{0.8} Ni _{0.2} Fe ₂ O ₄ + (1-x) PbZr _{0.55} Ti _{0.45} O ₃ Composites. <i>Ferroelectrics, Letters Section</i> , 2015, 42, 97-106.	0.4	4
62	Passive Marker Based Optical System for Gait Kinematics for Lower Extremity. <i>Procedia Computer Science</i> , 2015, 45, 176-185.	1.2	41
63	Enhancement in magnetoelectric coupling in PZT based composites. <i>Ceramics International</i> , 2015, 41, 6108-6112.	2.3	42
64	Effect of substitution of Pb on ferroelectric and piezoelectric properties BZT ceramics. <i>Materials Letters</i> , 2015, 146, 40-42.	1.3	5
65	Influence of lanthanum substitution on dielectric properties of modified lead zirconate titanates. <i>Ceramics International</i> , 2015, 41, 5177-5181.	2.3	16
66	Improved properties of BPT ceramics using microwave sintering. <i>Materials Letters</i> , 2015, 142, 84-86.	1.3	7
67	Study of samarium modified lead zirconate titanate and nickel zinc ferrite composite system. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 378, 285-290.	1.0	2
68	Improved dielectric and magnetic properties in modified lithium-ferrites. <i>Ceramics International</i> , 2015, 41, 3293-3297.	2.3	22
69	Effect of water flow rates on growth of <i>Cyprinus carpio</i> var. koi (<i>Cyprinus carpio</i> L., 1758) and spinach plant in aquaponic system. <i>Aquaculture International</i> , 2015, 23, 369-384.	1.1	39
70	Self-biased large magnetoelectric coupling in co-sintered Bi _{0.5} Na _{0.5} TiO ₃ based piezoelectric and CoFe ₂ O ₄ based magnetostrictive bilayered composite. <i>Journal of Applied Physics</i> , 2014, 116, .	1.1	14
71	Study of x CNFO + (1-x) PLZT magnetoelectric composites. , 2014, , .		0
72	A comparative study of conventionally sintered and microwave sintered nickel zinc ferrite. , 2014, , .		1

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73	Human Aided Text Summarizer "SAAR" Using Reinforcement Learning. , 2014, , .		3
74	Ferroelectric and Piezoelectric Properties of Sm Substituted BPZT Ceramics. Ferroelectrics, Letters Section, 2014, 41, 89-93.	0.4	0
75	Document categorization in multi-agent environment with enhanced machine learning classifier. , 2014, , .		0
76	Haemato-biochemical Responses in Cyprinus carpio (Linnaeus, 1758) Fry Exposed to Sub-lethal Concentration of a Phenylpyrazole Insecticide, Fipronil. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2014, 84, 113-122.	0.4	23
77	Comparative study of magnetoelectric composite system Ba _{0.95} Sr _{0.05} TiO ₃ â€“Ni _{0.8} Co _{0.2} Fe ₂ O ₄ with ferrite prepared by different methods. Ceramics International, 2014, 40, 5731-5743.	2.3	43
78	Dietary microbial levan ameliorates stress and augments immunity in<i>Cyprinus carpio</i> fry (Linnaeus, 1758) exposed to sublethal toxicity of fipronil. Aquaculture Research, 2014, 45, 893-906.	0.9	47
79	Investigation of conduction and relaxation phenomena in BaZr _x Ti _{1-âˆ“x} O ₃ (x=0.05) by impedance spectroscopy. Physica B: Condensed Matter, 2014, 451, 114-119.	1.3	22
80	Dielectric, ferroelectric and ferromagnetic properties of x Ni _{0.8} Zn _{0.2} Fe ₂ O ₄ -(1-x) Pb _{0.99} La _{0.02} Zr _{0.65} Ti _{0.35} O ₃ composites. Journal of Electroceramics, 2014, 32, 141-145.	0.8	2
81	High DC resistivity in microwave sintered Li _{0.49} Zn _{0.02} Mn _{0.06} Fe _{2.43} O ₄ ferrites. Ceramics International, 2014, 40, 2501-2504.	2.3	10
82	Enhancement in grain and grain boundary resistivity of BPZT ceramics by two stage sintering. Journal of Alloys and Compounds, 2014, 608, 318-322.	2.8	2
83	Structural, dielectric and ferroelectric properties of PLZFNT ceramics. Journal of Alloys and Compounds, 2014, 601, 207-211.	2.8	6
84	Studies on captive breeding and larval rearing of<i>Danio aequipinnatus</i> (McClelland, 1839). Indian Journal of Animal Research, 2014, 48, 379.	0.0	0
85	Structural, electrical, magnetic and magnetoelectric properties of composites. Journal of Magnetism and Magnetic Materials, 2013, 345, 55-59.	1.0	17
86	Dielectric, ferroelectric, magnetic and magnetoelectric properties of 0.1Ni _{0.8} Zn _{0.2} Fe ₂ O ₄ â€“0.9Pb _{1-âˆ“3x/2} Sm _x Zr _{0.65} Ti _{0.35} O ₃ magnetoelectric composites. Ceramics International, 2013, 39, 7845-7851.	2.3	8
87	Room-temperature magnetoelectric properties of Fe doped BaZr _{0.05} Ti _{0.95} O ₃ . Journal of Applied Physics, 2013, 113, 17D918.	1.1	16
88	Study on structural, dielectric, ferroelectric and piezoelectric properties of Ba doped Lead Zirconate Titanate Ceramics. Physica B: Condensed Matter, 2013, 431, 109-114.	1.3	9
89	Enhancement in electro-strain behavior by La ³⁺ substitution in lead free BaZr _{0.05} Ti _{0.95} O ₃ ceramics. Materials Letters, 2013, 97, 40-43.	1.3	28
90	Effect of Sm on dielectric, ferroelectric and piezoelectric properties of BPTNZ system. Physica B: Condensed Matter, 2013, 426, 112-117.	1.3	19

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91	Synthesis and characterization of Ni _{0.8} Co _{0.2} Fe ₂ O ₄ –Ba _{0.95} Sr _{0.05} TiO ₃ multiferroic composites. <i>Ceramics International</i> , 2013, 39, 9435-9445.	2.3	38
92	Study of 0.1Ni _{0.8} Zn _{0.2} Fe ₂ O ₄ –0.9Pb _{1-x/3} /2La _x Zr _{0.65} Ti _{0.35} O ₃ magnetoelectric composites. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 325, 47-51.	1.0	19
93	Dilatometric behaviour of doped barium titanate ceramic. <i>Materials Letters</i> , 2013, 92, 421-423.	1.3	0
94	Dielectric properties of rare earth (Sm and La) substituted lead zirconate titanate (PZT) ceramics. , 2013, , .		0
95	Complex Impedance Spectroscopy of Ba _{0.8} Pb _{0.2} TiO ₃ Synthesized by Mechano Chemical Activation. <i>Key Engineering Materials</i> , 2013, 547, 83-89.	0.4	0
96	Ferroelectric, Magnetic and Magnetoelectric Properties of Ferroelectric Rich Ni _{0.8} Zn _{0.2} Fe ₂ O ₄ -PbZr _{0.65} Ti _{0.35} O ₃ ME Composites. <i>Ferroelectrics, Letters Section</i> , 2012, 39, 96-103.	0.4	3
97	Microstructure And Dielectric Relaxation Of BT And ST Doped Ba(Fe _{0.5} Nb _{0.5})O ₃ ceramics For Sensor Applications. <i>Advanced Materials Letters</i> , 2012, 3, 181-187.	0.3	11
98	Effect of two-stage sintering on dielectric properties of BaTi _{0.9} Zr _{0.1} O ₃ ceramics. <i>Phase Transitions</i> , 2011, 84, 843-849.	0.6	0
99	Dielectric Properties of 0.95 ()-0.05 Composites. <i>Advances in Condensed Matter Physics</i> , 2011, 2011, 1-5.	0.4	2
100	Improved Dielectric Properties via Mechano-Chemical Activation in Ba _{0.80} Pb _{0.20} TiO ₃ Ceramics. <i>AIP Conference Proceedings</i> , 2011, , .	0.3	1
101	Structural and ferroelectric properties of lanthanum modified BPZT ceramics. <i>Materials Chemistry and Physics</i> , 2011, 125, 660-663.	2.0	3
102	Dielectric properties of Zr substituted BST ceramics. <i>Ceramics International</i> , 2011, 37, 3755-3758.	2.3	32
103	Dielectric behaviour of Pb-substituted BZT ceramics. <i>Bulletin of Materials Science</i> , 2011, 34, 1401-1405.	0.8	5
104	Effect of Zr on dielectric, ferroelectric and impedance properties of BaTiO ₃ ceramic. <i>Bulletin of Materials Science</i> , 2011, 34, 1483-1489.	0.8	54
105	Influence of calcium substitution on structural and electrical properties of substituted barium titanate. <i>Ceramics International</i> , 2011, 37, 1697-1700.	2.3	19
106	Phase, Dielectric and Ferroelectric Properties of Microwave Sintered La and Ca Modified BaTiO ₃ Ceramics. , 2011, , .		0
107	Improved Properties of Pb Based BLZT Ferroelectric Ceramics. , 2011, , .		0
108	Ferroelectric Properties of La Substituted PZT Ceramics. , 2011, , .		0

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109	Impedance Studies of BaZr _x Ti _{1-x} O ₃ Ceramic Prepared by Microwave Sintering Method. , 2011, , .		1
110	Effect of Sintering Temperature on Dielectric Properties of Iron Deficient Nickel-Ferrite. , 2011, , .		0
111	Influence of Zr Substitution on Ferroelectric Properties of BST Ceramics. Ferroelectrics, Letters Section, 2011, 38, 108-113.	0.4	3
112	Structural, Dielectric, Ferroelectric and Ferromagnetic Properties of Ba _{0.9} Sr _{0.1} Zr _x Ti _{1-x} O ₃ + 5% Ni _{0.8} Zn _{0.2} Fe ₂ O ₄ Composite. Ferroelectrics, Letters Section, 2011, 38, 134-140.	0.4	4
113	Study of Electrical and Magnetic Properties in Nano sized CeGd Doped Magnesium Ferrite. International Journal of Computer Applications, 2011, 27, 40-45.	0.2	8
114	Mg Sm Ferrite for Nano structured EShaped Patch Antenna studies. International Journal of Computer Applications, 2011, 30, 42-50.	0.2	6
115	Enhancing the micro-environment of Macrobrachium rosenbergii (de man) larvae with enriched probiotics. International Journal of Environment and Waste Management, 2010, 6, 410.	0.2	0
116	Improvement in shape memory in magnesium niobate modified PZST. Ceramics International, 2010, 36, 2263-2267.	2.3	13
117	Morphotropic phase boundary tailoring of PZST-PMN system by compositional variation for shape memory effect. Materials Chemistry and Physics, 2010, 123, 132-137.	2.0	8
118	Synthesis and ferroelectric properties of La-substituted PZFNT. Physica B: Condensed Matter, 2010, 405, 10-14.	1.3	5
119	Relaxor ferroelectric behavior of La substituted BPZT ceramics. Ceramics International, 2010, 36, 1277-1281.	2.3	16
120	Structural, Dielectric and Ferroelectric Properties of Mn Doped Ba _{0.80} Pb _{0.20} Ti _{0.90} Zr _{0.10} O ₃ Ceramics. Ferroelectrics, Letters Section, 2010, 37, 110-115.	0.4	8
121	Ferroelectric Properties of Laser Ablated Sm Modified PCT Thin Films. Integrated Ferroelectrics, 2010, 122, 90-99.	0.3	0
122	Effect of Samarium Modification on Structural and Dielectric Properties of (PbSm) ₃ (ZrSnTi) ₃ O ₁₂ System. Ferroelectrics, Letters Section, 2010, 37, 60-66.	0.4	2
123	Improved Properties of Li-Mn-Ti Ferrites by Microwave Sintering. Integrated Ferroelectrics, 2010, 122, 31-37.	0.3	5
124	STRUCTURAL, ELECTRICAL AND MAGNETIC STUDIES OF Li-Zn-Ni FERRITES. Modern Physics Letters B, 2010, 24, 2277-2282.	1.0	1
125	ELECTRICAL PROPERTIES OF Cd ²⁺ SUBSTITUTED Li-Zn FERRITES. Modern Physics Letters B, 2010, 24, 2195-2200.	1.0	5
126	Characterizations of PMNT 68/32 System Synthesized by Microwave Technique. Integrated Ferroelectrics, 2010, 118, 114-120.	0.3	0

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127	Development of a Novel Aqueous Solution Based Chemical Methodology for Synthesis of $\text{Ni}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ Nanopowders and their Electrical and Magnetic Property. Integrated Ferroelectrics, 2010, 116, 1-15.	0.3	3
128	Effect of Nd Doping on Structural, Dielectric and Ferroelectric Properties of $\text{Ba}(\text{Zr}_{0.05}\text{Ti}_{0.95})\text{O}_3$ Ceramic. Integrated Ferroelectrics, 2010, 122, 83-89.	0.3	11
129	Synthesis and Characterization of Isovalent Substituted BaTiO_3 Ceramics by Modified Chemical Route. Integrated Ferroelectrics, 2010, 118, 106-113.	0.3	4
130	Structural, Dielectric and Piezoelectric Properties of PLZT (x/60/40) Ceramics. Integrated Ferroelectrics, 2010, 122, 100-107.	0.3	9
131	Synthesis and dielectric properties of substituted barium titanate ceramics. Journal of Alloys and Compounds, 2010, 489, 59-63.	2.8	41
132	Microstructure and electron properties of Sm modified lead calcium titanate ceramics. Journal of Alloys and Compounds, 2010, 492, 717-722.	2.8	0
133	Effect of Double Doping in Lead Zirconate Titanate (PZT) Lattices by Sol-Gel Technique for MEMS Applications. Integrated Ferroelectrics, 2010, 121, 65-76.	0.3	11
134	Structural and Initial Permeability Studies of Li-Zn-Co Ferrites. Integrated Ferroelectrics, 2010, 117, 28-33.	0.3	2
135	Effect of Zirconium Substitution on Structural and Dielectric Properties of $\text{Ba}_{0.80}\text{Pb}_{0.20}\text{TiO}_3$ Ceramics. Integrated Ferroelectrics, 2010, 122, 16-22.	0.3	0
136	Ferroelectric Properties of Microwave Processed PZT-NiZn Ferrite Composites. Integrated Ferroelectrics, 2010, 122, 45-51.	0.3	9
137	Effects of Samarium Doping on the Ferroelectric Properties of Modified Lead Zirconate Titanate Ceramics. Integrated Ferroelectrics, 2010, 122, 23-30.	0.3	5
138	Dielectric and Ferroelectric Properties of BST and Ni-Zn Ferrite Composites. Integrated Ferroelectrics, 2010, 122, 38-44.	0.3	2
139	Improved Properties of BaTiO_3 Ceramics Prepared by Ultrasonic Mixing. Integrated Ferroelectrics, 2010, 122, 114-118.	0.3	0
140	Automatic Summary Generation from Single Document Using Information Gain. Communications in Computer and Information Science, 2010, , 152-159.	0.4	5
141	Effect of Two-Stage Sintering on Dielectric and Ferroelectric Properties of $\text{Ba}_{0.80}\text{Pb}_{0.20}\text{TiO}_3$ Ceramics. Ferroelectrics, Letters Section, 2009, 36, 92-101.	0.4	1
142	INFLUENCE OF SAMARIUM SUBSTITUTION ON DIELECTRIC PROPERTIES OF BARIUM TITANATE BASED CERAMICS. Modern Physics Letters B, 2009, 23, 3419-3425.	1.0	8
143	DIELECTRIC STUDIES OF SAMARIUM MODIFIED (Pb)(Zr , Ti), $\text{Tj ETQq1 1 0.784314 rgBT / Over}$ Letters B, 2009, 23, 1437-1442.	1.0	1
144	Improvement in Electrical Properties of Laser Ablated Barium Strontium Titanate Thin Films by Controlled Oxygen Atmosphere. Japanese Journal of Applied Physics, 2009, 48, 061402.	0.8	3

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145	Prediction of minimum fluidization velocity for fine tailings materials. Powder Technology, 2009, 196, 263-271.	2.1	30
146	Mössbauer and magnetic studies of the system $\text{Li}_{0.35}\text{Zn}_{0.5}\text{Ti}_{1-x}\text{Fe}_{2.35}\text{O}_4$. Hyperfine Interactions, 2009, 188, 7-10.	0.2	1
147	Preparation and studies of electrical properties of cobalt substituted Li-Zn ferrites by sol-gel auto combustion method. Indian Journal of Physics, 2009, 83, 285-290.	0.9	23
148	DC Electrical Resistivity and Magnetic Property of Single Phase $\text{Li}_{1-x}\text{Fe}_{2-x}\text{O}_{3-x}$ Nanopowder Synthesized by a Simple Chemical Method. Journal of the American Ceramic Society, 2009, 92, 2425-2428.	1.9	25
149	Ferroelectric properties of substituted barium titanate ceramics. Physica B: Condensed Matter, 2009, 404, 1752-1756.	1.3	34
150	Dielectric behaviour of La substituted BPZT ceramics. Physica B: Condensed Matter, 2009, 404, 2126-2129.	1.3	10
151	Effect of Samarium substitution on dielectric properties of $(\text{Pb})(\text{Zr}, \text{Ti}, \text{Fe}, \text{Nb})\text{O}_3$ type ceramic system. Ceramics International, 2009, 35, 3335-3338.	2.3	3
152	Low temperature perovskite phase formation in PCT 90/10 system by modified chemical route. Applied Surface Science, 2009, 255, 5686-5689.	3.1	2
153	Structural and electrical properties of Sm^{3+} substituted PZT ceramics. Journal of Alloys and Compounds, 2009, 468, 356-359.	2.8	26
154	Enhanced dielectric properties in modified barium titanate ceramics through improved processing. Journal of Alloys and Compounds, 2009, 470, 548-551.	2.8	82
155	Piezoelectric properties of $0.5(\text{PbNi}_{1/3}\text{Nb}_{2/3})\text{O}_3 \sim 0.5\text{Pb}(\text{Zr}_{0.32}\text{Ti}_{0.68})\text{O}_3$ ceramics prepared by solid state reaction and mechanochemical activation-assisted method. Journal of Alloys and Compounds, 2009, 471, 507-510.	2.8	27
156	Mössbauer and magnetic studies of cobalt substituted lithium zinc ferrites prepared by citrate precursor method. Journal of Alloys and Compounds, 2009, 475, 328-331.	2.8	51
157	Face Recognition using morphological method. , 2009, , .		9
158	Effect of microwave sintering on the properties of Li-Zn-Ti-V ferrite. , 2009, , .		1
159	Intelligent Biometric System using PCA and R-LDA. , 2009, , .		7
160	Effects of Cobalt substitution on the dielectric properties of $\text{Li}_{1-x}\text{Zn}_x$ ferrites. Solid State Communications, 2008, 148, 399-402.	0.9	40
161	Microwave sintering of lithium nickel manganese ferrites and their properties. , 2008, , .		2
162	Synthesis And Characterization Of Ultra-fine Zinc Substituted Lithium Ferrites. AIP Conference Proceedings, 2008, , .	0.3	7

#	ARTICLE	IF	CITATIONS
163	DIELECTRIC PROPERTIES OF Ni ²⁺ AND Mn ³⁺ SUBSTITUTED Li-FERRITE PREPARED BY MICROWAVE SINTERING TECHNIQUE. <i>Modern Physics Letters B</i> , 2007, 21, 497-503.	1.0	1
164	Study of dielectric and piezoelectric properties of Pb(Ni,Nb)O ₃ â€“Pb(Zr,Ti)O ₃ ceramics using mechanically activated powder. <i>Journal of Materials Science</i> , 2007, 42, 6246-6251.	1.7	2
165	Dielectric and electrostrictive properties of PMNT near MPB. <i>Science and Technology of Advanced Materials</i> , 2007, 8, 463-468.	2.8	8
166	Growth and characterization of Sm ³⁺ -substituted PZT thin films. <i>Physica B: Condensed Matter</i> , 2007, 388, 404-411.	1.3	7
167	Dielectric behaviour and improved anisotropy in piezoelectric properties of modified lead titanate ceramics. <i>Materials Letters</i> , 2007, 61, 1082-1085.	1.3	6
168	Study of dielectric and piezoelectric properties of Pb(Ni,Nb)O ₃ â€“Pb(Zr,Ti)O ₃ ceramics using mechanically activated powder. <i>Journal of Materials Science</i> , 2007, 42, 6246-6251.	1.7	3
169	Effect of Sintering Temperature on Structural and Piezoelectric Properties of PNN-PZT Ceramics. <i>Defence Science Journal</i> , 2007, 57, 23-28.	0.5	13
170	Modified Lead-zirconate-titanate for Pyroelectric Sensors. <i>Defence Science Journal</i> , 2007, 57, 233-239.	0.5	4
171	Sensor Technology. <i>Defence Science Journal</i> , 2007, 57, 165-166.	0.5	0
172	EFFECT OF COMPOSITIONAL MODIFICATIONS ON DIELECTRIC, FERROELECTRIC AND PYROELECTRIC RESPONSE OF PMN-PT SOLID SOLUTIONS NEAR MPB. <i>Modern Physics Letters B</i> , 2006, 20, 1335-1342.	1.0	4
173	INVESTIGATIONS ON Sm- AND Nb-SUBSTITUTED PZT CERAMICS. <i>Modern Physics Letters B</i> , 2006, 20, 1879-1882.	1.0	4
174	Dielectric behaviour of microwave sintered rare-earth doped BaTiO ₃ ceramics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 134, 36-40.	1.7	22
175	Dielectric and ferroelectric properties of pulsed laser deposited lead zirconate titanate (65/35) thin film. <i>Thin Solid Films</i> , 2006, 513, 95-98.	0.8	6
176	Structural, dielectric and magnetic properties of NiCuZn ferrite grown by citrate precursor method. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 133, 42-48.	1.7	147
177	Study of pinched loop characteristics of lead zirconate titanate (65âˆ“35). <i>Journal of Applied Physics</i> , 2006, 100, 014104.	1.1	16
178	COMPARISON OF PROPERTIES OF PLZT SYSTEM WITH DIFFERENT FORMULATIONS. <i>Modern Physics Letters B</i> , 2006, 20, 1883-1892.	1.0	2
179	STRUCTURAL AND DILATOMETRIC PROPERTIES OF LANTHANUM-SUBSTITUTED PCT CERAMICS. <i>International Journal of Modern Physics B</i> , 2006, 20, 315-323.	1.0	2
180	Dilatometric and dielectric behaviour of Sm modified PCT ceramics. <i>Physica B: Condensed Matter</i> , 2005, 355, 280-285.	1.3	10

#	ARTICLE	IF	CITATIONS
181	Dielectric, ferroelectric and piezoelectric properties of La-modified PCT ceramics. Physica B: Condensed Matter, 2005, 369, 64-71.	1.3	13
182	Structural, ferroelectric and optical properties of PZT thin films. Physica B: Condensed Matter, 2005, 369, 135-142.	1.3	97
183	Structural and DC resistivity behaviour of Li ²⁺ Mn ²⁺ Ni ferrites substituted with trace amount of Co ²⁺ . Physica B: Condensed Matter, 2005, 370, 1-5.	1.3	26
184	Structural and dielectric properties of Fe-substituted BST thin films grown by laser ablation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 117, 5-9.	1.7	16
185	Growth of cubic and hexagonal CdTe thin films by pulsed laser deposition. Thin Solid Films, 2005, 473, 54-57.	0.8	84
186	Improved properties of Sm substituted PCT ceramics using microwave sintering. Materials Letters, 2005, 59, 768-772.	1.3	12
187	Structural and electrical properties of lanthanum-substituted lead titanate ceramics. Phase Transitions, 2005, 78, 655-667.	0.6	15
188	Dielectric and piezoelectric properties of microwave processed Sm substituted PCT ceramics. Journal Physics D: Applied Physics, 2005, 38, 1621-1628.	1.3	13
189	DIELECTRIC PROPERTIES OF Li-Sb FERRITES. Modern Physics Letters B, 2005, 19, 899-905.	1.0	7
190	ELECTRICAL CONDUCTION IN SUBSTITUTED Li-FERRITES PREPARED BY MICROWAVE PROCESSING. Modern Physics Letters B, 2005, 19, 1051-1055.	1.0	4
191	STRUCTURAL AND DIELECTRIC PROPERTIES OF (1-x) PZN $\hat{=}$ x PLZT CERAMICS. International Journal of Modern Physics B, 2005, 19, 3037-3047.	1.0	2
192	STRUCTURAL AND ELECTRICAL PROPERTIES OF Nb ⁵⁺ SUBSTITUTED PZT CERAMICS. Modern Physics Letters B, 2005, 19, 1783-1791.	1.0	6
193	Sintering Behaviour of Samarium Modified Lead Calcium Titanate Ceramics. Ferroelectrics, 2005, 324, 71-75.	0.3	0
194	Structural and Electrostrictive Behaviour in PMN-PT (68:32) Ceramics. Ferroelectrics, 2005, 326, 55-60.	0.3	8
195	DEGREE OF DIFFUSED PHASE TRANSITION AND NON-DEBYE DIELECTRIC RELAXATION IN Ba(NdxTi1-2xNbx)O3 CERAMICS. Modern Physics Letters B, 2005, 19, 1335-1346.	1.0	8
196	Synthesis, Structural and Electrical Properties of Lanthanum-modified Lead-zirconate-titanate System. Defence Science Journal, 2005, 55, 349-355.	0.5	11
197	Study of Lead Magnesium Niobate $\hat{=}$ Lead Titanate Ceramics for Piezo-Actuator Applications. Japanese Journal of Applied Physics, 2004, 43, 1501-1506.	0.8	32
198	Processing and Dielectric Properties of Sol-Gel Derived PMN-PT (68:32) Thin Films. Journal of Electroceramics, 2004, 13, 503-507.	0.8	9

#	ARTICLE	IF	CITATIONS
199	Electrical properties of PZT thin films grown by sol-gel and PLD using a seed layer. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 112, 96-100.	1.7	54
200	Hysteresis and initial permeability behavior of vanadium-substituted lithium-zinc-titanium ferrite. Physica B: Condensed Matter, 2004, 352, 86-90.	1.3	24
201	Ferroelectric properties of pulsed laser deposited Ba(Zr _{0.15} Ti _{0.85})O ₃ thin films. Applied Physics Letters, 2004, 84, 1165-1167.	1.5	42
202	Influence of Ta Substitution on Structural and Dilatometric Behaviour of PCT Ceramics. Ferroelectrics, Letters Section, 2004, 31, 141-148.	0.4	1
203	Magnetic properties of vanadium-substituted lithium zinc titanium ferrite. Materials Letters, 2004, 58, 2412-2414.	1.3	31
204	Influence of Liquid Phase Additives on Structural and Sintering Behaviour of Samarium Modified Lead Titanate Ceramics. , 2003, 11, 67-72.		4
205	Dielectric Properties of Samarium Substituted Barium Strontium Titanate. Phase Transitions, 2003, 76, 567-574.	0.6	35
206	Electrical and magnetic properties of Mn-Ni-Zn ferrites processed by citrate precursor method. Materials Letters, 2003, 57, 1040-1044.	1.3	40
207	Structural and dielectric properties of the system Ba _{1-x} Sr _x Fe _{0.01} Ti _{0.99} O ₃ . Materials Letters, 2003, 57, 1824-1829.	1.3	31
208	Effects of samarium modification on the structural and dielectric properties of PLZT ceramics. Materials Letters, 2003, 57, 2310-2314.	1.3	25
209	HYPERFINE INTERACTION STUDIES OF Co ²⁺ SUBSTITUTED Li-Sb FERRITE SYSTEM. International Journal of Modern Physics B, 2003, 17, 4891-4896.	1.0	2
210	Dielectric Properties of Vanadium Substituted Lithium Zinc Titanium Ferrites. International Journal of Modern Physics B, 2003, 17, 3881-3887.	1.0	11
211	Mössbauer EFFECT STUDIES ON LITHIUM FERRITE SUBSTITUTED WITH CHROMIUM AND ANTIMONY. Modern Physics Letters B, 2003, 17, 67-73.	1.0	4
212	Dielectric and Piezoelectric Properties of PZT Substituted with Samarium. Ferroelectrics, Letters Section, 2002, 29, 11-16.	0.4	9
213	STRUCTURAL PROPERTIES AND D.C. RESISTIVITY OF Li-Zn-Ti FERRITES. Modern Physics Letters B, 2002, 16, 1027-1030.	1.0	6
214	EFFECT OF SAMARIUM SUBSTITUTION ON PHYSICAL AND MICROSTRUCTURAL PROPERTIES OF THE Ba _{0.95} Sr _{0.05} TiO ₃ SYSTEM. Modern Physics Letters B, 2002, 16, 661-667.	1.0	1
215	EFFECT OF Nb ₂ O ₅ ON THE ELASTIC BEHAVIOR OF PZT FERROELECTRIC MATERIALS. Modern Physics Letters B, 2002, 16, 79-85.	1.0	1
216	DC Resistivity of Mn-Ni-Zn Ferrites. Japanese Journal of Applied Physics, 2002, 41, 5142-5144.	0.8	19

#	ARTICLE	IF	CITATIONS
217	Dielectric properties of Mn-substituted Ni ²⁺ Zn ferrites. Journal of Applied Physics, 2002, 91, 6626.	1.1	200
218	Magnetic properties of Mn-substituted Ni ²⁺ Zn ferrites. Journal of Applied Physics, 2002, 92, 3872-3876.	1.1	73
219	Microwave synthesis and sintering of Ba _{0.95} Sr _{0.05} TiO ₃ . Materials Letters, 2002, 56, 970-973.	1.3	40
220	Dielectric behavior of Ba _{0.95} Sr _{0.05} TiO ₃ ceramics sintered by microwave. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 96, 221-225.	1.7	51
221	Preparation of 4:55:45 samarium doped PZT films by sol-gel technique and their characterization. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 96, 19-23.	1.7	16
222	Improvement in material figure of merit of PLZT by samarium substitution. Ferroelectrics, 2001, 263, 61-66.	0.3	8
223	Dielectric and pyroelectric properties of samarium modified lead titanate. Ferroelectrics, 2001, 262, 321-326.	0.3	11
224	Influence of Co ²⁺ on the electrical and magnetic properties of Li ⁺ Sb ferrites. Materials Letters, 2000, 44, 65-69.	1.3	40
225	Studies on substituted Li-Mg-Fe spinels for microwave applications. Ferroelectrics, Letters Section, 1994, 18, 91-97.	0.4	2
226	Synthesis of spinel magnesium-aluminum titanates for microwave applications. Ferroelectrics, Letters Section, 1994, 18, 83-90.	0.4	1
227	Hyperfine interactions and magnetic studies of Li-Mg ferrites. Solid State Communications, 1992, 83, 679-682.	0.9	60
228	New observations on a tris(dithiocarbamate)iron(III) complex: magnetic and Moessbauer studies. Inorganic Chemistry, 1987, 26, 3216-3218.	1.9	12
229	Effect of aluminium substitution on electrical conductivity and physical properties of zinc ferrite. Journal of Materials Science Letters, 1987, 6, 651-652.	0.5	28
230	Hyperfine field and relaxation effect in Li ⁺ Zn ²⁺ Ti ferrites. Hyperfine Interactions, 1987, 35, 879-882.	0.2	2
231	Hyperfine field in Li-Zn-Ti ferrites. Hyperfine Interactions, 1986, 28, 511-514.	0.2	6
232	Mössbauer Studies on Hyperfine Interactions in Titanium Substituted Lithium Ferrites. Physica Status Solidi A, 1984, 84, 535-540.	1.7	20
233	Synthesis and Characterization of Novel Nanoceramic Magnesium Ferrite Material Doped with Samarium and Dysprosium for Designing $\lambda/4$ Microstrip Patch Antenna. Defect and Diffusion Forum, 0, 332, 35-50.	0.4	9
234	Structural, Electrical and Magnetic Properties of Microwave Processed Ni _{0.80} Zn _{0.20} Fe ₂ O ₄ Key Engineering Materials, 0, 547, 25-30.		0