

Ram Tandon

List of Publications by Year in descending order

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140
papers

2,902
citations

212478

28
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223390

49
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140
all docs

140
docs citations

140
times ranked

3677
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional nanolayered renewable carbon for electromagnetic interference and energy devices. <i>Materials Today Energy</i> , 2021, 20, 100778.	2.5	0
2	Room temperature electroluminescence from Laser MBE grown Gallium nitride LEDs. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 260, 114655.	1.7	8
3	Materials Characterization of Cobalt Antimonide Nanostructures as Thermoelectric Material. <i>Integrated Ferroelectrics</i> , 2020, 205, 66-71.	0.3	1
4	Study of energy storage and electrocaloric behavior of lead-free Fe-doped BCT ceramics. <i>Ferroelectrics</i> , 2020, 569, 136-147.	0.3	9
5	Latest advancement in magnetoelectric multiferroic composites. <i>Ferroelectrics</i> , 2020, 569, 108-121.	0.3	10
6	In-situ and post deposition analysis of laser MBE deposited GaN films at varying nitrogen gas flow. <i>Vacuum</i> , 2019, 164, 72-76.	1.6	9
7	Influence of Addition of Nanoparticles of Magnetic Phase on Structural, Microstructural and Dielectric Properties of Multiferroic Composites. <i>Integrated Ferroelectrics</i> , 2019, 203, 156-163.	0.3	1
8	Electrical Properties of Self Sustained Layer of Graphene Oxide and Polyvinylpyridine Composite. <i>Integrated Ferroelectrics</i> , 2019, 202, 197-203.	0.3	3
9	Effect of Addition of NZF Nanoparticles on Ferroelectric, Magnetic and Magnetoelectric Properties of BST-NZF Composite. <i>Integrated Ferroelectrics</i> , 2019, 203, 164-169.	0.3	1
10	Fully dense hot pressed calcium cobalt oxide ceramics. <i>Ceramics International</i> , 2018, 44, 6337-6342.	2.3	12
11	Flexible single walled nanotube based chemical sensor for 2,4-dinitrotoluene sensing. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 6200-6205.	1.1	12
12	Probing the Mechanism for Bipolar Resistive Switching in Annealed Graphene Oxide Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6521-6530.	4.0	23
13	Improved properties in Dy ³⁺ substituted barium titanate. <i>Integrated Ferroelectrics</i> , 2018, 186, 49-53.	0.3	2
14	Carbon material-nanoferrite composite for radiation shielding in microwave frequency. <i>Integrated Ferroelectrics</i> , 2018, 186, 40-48.	0.3	5
15	Optical properties of spin coated Co _{0.6} Zn _{0.4} Mn _{0.3} Fe _{1.7} O ₄ thin films deposited on silicon and platinum coated silicon substrates. <i>Integrated Ferroelectrics</i> , 2018, 186, 100-105.	0.3	1
16	Growth and magnetic properties of spin coated Co _{0.6} Zn _{0.4} Mn _{0.3} Fe _{1.7} O ₄ ultrathin films on silicon (100), (110) and (111) substrates. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 2764-2770.	1.1	2
17	XPS resolved surface states analysis of ZnO and Ni doped ZnO films for quantum well applications. <i>Ferroelectrics</i> , 2018, 534, 199-205.	0.3	2
18	Laser Molecular Beam Epitaxy (LMBE) Technique grown GaN p-n junction. <i>Materials Today: Proceedings</i> , 2018, 5, 15361-15365.	0.9	3

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19	Variable range hopping conduction in fully dense calcium cobalt oxide textured ceramics. <i>Ceramics International</i> , 2018, 44, 15478-15482.	2.3	1
20	Zn doping induced conductivity transformation in NiO films for realization of p-n homo junction diode. <i>Journal of Applied Physics</i> , 2017, 121, .	1.1	42
21	Growth and magnetic properties of $\text{Co}_{0.6}\text{Zn}_{0.4}\text{Fe}_{1.7}\text{Mn}_{0.3}\text{O}_4$ thin films on silicon. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 444, 23-28.	1.0	3
22	Anti-bacterial biofilm activity of magnesium ferrite thin film. <i>Integrated Ferroelectrics</i> , 2017, 184, 69-74.	0.3	4
23	Neodymium doped bismuth telluride alloys using chemical reflux method for thermoelectric application. <i>Integrated Ferroelectrics</i> , 2017, 184, 9-14.	0.3	5
24	Hot pressed pellets of thallium doped bismuth telluride alloys for thermoelectrics. <i>Integrated Ferroelectrics</i> , 2017, 184, 32-37.	0.3	1
25	Structural and dielectric properties of multiferroic composite system $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{TiO}_3\text{-Ni}_{0.4}\text{Co}_{0.2}\text{Zn}_{0.4}\text{Fe}_2\text{O}_4$. <i>Ferroelectrics</i> , 2017, 516, 122-126.	0.3	1
26	Micro-structural, ferroelectric and magnetic properties of multiferroic composite system $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{TiO}_3\text{-Ni}_{0.4}\text{Co}_{0.2}\text{Zn}_{0.4}\text{Fe}_2\text{O}_4$. <i>Ferroelectrics</i> , 2017, 516, 117-121.	0.3	1
27	Modification in properties of barium titanate on Sm^{3+} substitution. <i>Ferroelectrics</i> , 2017, 516, 127-130.	0.3	3
28	Effect of single wall carbon nanotube networks on gas sensor response and detection limit. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 1134-1140.	4.0	99
29	Temperature dependent electronic conduction through graphene oxide thin film based two terminal devices. <i>Integrated Ferroelectrics</i> , 2017, 184, 210-216.	0.3	1
30	4-(Hexafluoro-2-hydroxy isopropyl)aniline functionalized highly sensitive flexible SWCNT sensor for detection of nerve agent simulant dimethyl methylphosphonate. <i>Materials Chemistry and Physics</i> , 2016, 181, 487-494.	2.0	30
31	Study of energy band discontinuity in NiZnO/ZnO heterostructure using X-ray photoelectron spectroscopy. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	16
32	EMI shielding of MWCNT/ABS nanocomposites in contrast to graphite/ABS composites and MWCNT/PS nanocomposites. <i>RSC Advances</i> , 2016, 6, 45049-45058.	1.7	32
33	Study of simultaneous reversible and irreversible adsorption on single-walled carbon nanotube gas sensor. <i>Materials Chemistry and Physics</i> , 2016, 177, 276-282.	2.0	26
34	Microwave-assisted sintering of non-stoichiometric strontium bismuth niobate ceramic: Structural and dielectric properties. <i>Physica B: Condensed Matter</i> , 2016, 500, 169-178.	1.3	3
35	The effect of ZrO_2 dispersion on the thermoelectric power factor of $\text{Ca}_3\text{Co}_4\text{O}_9$. <i>Physica B: Condensed Matter</i> , 2016, 483, 48-53.	1.3	18
36	Magnetic and magneto-optical characteristics of spin coated $\text{Co}_{0.6}\text{Zn}_{0.4}\text{Fe}_{1.7}\text{Mn}_{0.3}\text{O}_4$ thin films on Pt (111) coated Si substrate. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2016, 207, 1-6.	1.7	5

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37	Synergic effect of graphene and MWCNT fillers on electromagnetic shielding properties of grapheneâ€“MWCNT/ABS nanocomposites. RSC Advances, 2016, 6, 18257-18265.	1.7	26
38	Degradation analysis of PCDTBT:PC71BM organic solar cells-an insight. Current Applied Physics, 2016, 16, 273-277.	1.1	4
39	Highly Sensitive NO ₂ Detection and DMP Sensing at Room Temperature using Flexible SWNT Thick Film Sensor. Defence Science Journal, 2016, 66, 413.	0.5	3
40	Negative spontaneous magnetization and semi-spin glass magnetic order in mixed spinel Co _{0.6} Zn _{0.4} Fe _{1.7} Mn _{0.3} O ₄ . Journal of Applied Physics, 2015, 118, .	1.1	10
41	Investigation on the effect of ferrite content on the multiferroic properties of (1-x) Ba _{0.95} Sr _{0.05} TiO ₃ â€“ (x) Ni _{0.7} Zn _{0.2} Co _{0.1} Fe ₂ O ₄ ceramic composite. Materials Chemistry and Physics, 2015, 160, 447-455.	2.0	26
42	Influence of donorâ€“acceptor materials on the photovoltaic parameters of conjugated polymer/fullerene solar cells. Journal of Materials Science: Materials in Electronics, 2015, 26, 6212-6217.	1.1	5
43	Structural, dielectric and piezoelectric properties of SrBi ₂ Nb ₂ O ₉ and Sr _{0.8} Bi _{2.2} Nb ₂ O ₉ ceramics. Ceramics International, 2015, 41, 4468-4478.	2.3	33
44	Organicâ€“inorganic hybrid polyvinylidene fluorideâ€“Co _{0.6} Zn _{0.4} Mn _{0.3} Fe _{1.7} O ₄ nanocomposite film with significant optical and magnetodielectric properties. RSC Advances, 2015, 5, 10110-10118.	1.7	13
45	Study of microstructure, dielectric and magnetoelectric properties of the lead free co-fired BaTiO ₃ â€“CoZn _{0.2} Fe _{1.8} O ₄ â€“BaTiO ₃ trilayer composites. Journal of Materials Science: Materials in Electronics, 2015, 26, 5287-5294.	1.1	8
46	Novel Method of Synthesis of Multiferroic Nickel Cobalt Ferriteâ€“Barium Strontium Titanate Composite System. International Journal of Applied Ceramic Technology, 2015, 12, E156.	1.1	9
47	Bulk-heterojunction Solar Cells With Different Active Layer Blends: Comparison Of Experimental And Theoretical Results. Advanced Materials Letters, 2015, 6, 920-923.	0.3	1
48	Pre-localized MWCNT network for a low percolation threshold in MWCNT/ABS nanocomposites: experiment and theory. RSC Advances, 2014, 4, 60733-60740.	1.7	14
49	Mechanism for leakage current conduction in manganese doped Bi _{3.25} La _{0.75} Ti ₃ O ₁₂ (BLT) ferroelectric thin films. Journal of Alloys and Compounds, 2014, 606, 132-138.	2.8	19
50	Structural, dielectric, ferromagnetic, ferroelectric and ac conductivity studies of the BaTiO ₃ â€“CoFe _{1.8} Zn _{0.2} O ₄ multiferroic particulate composites. Ceramics International, 2014, 40, 9027-9036.	2.3	88
51	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
52	Dielectric functions and energy band gap variation studies of manganese doped Bi _{3.25} La _{0.75} Ti ₃ O ₁₂ thin films using spectroscopic ellipsometry. Journal of Alloys and Compounds, 2014, 617, 374-378.	2.8	9
53	Optimizing P3HT/PCBM/MWCNT films for increased stability in polymer bulk heterojunction solar cells. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 3046-3054.	0.9	25
54	Effect of rare earth substitution on properties of barium strontium titanate ceramic and its multiferroic composite with nickel cobalt ferrite. Journal of Alloys and Compounds, 2014, 617, 140-148.	2.8	32

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55	Spin dynamics, short-range order and superparamagnetism in superconducting ferromagnet $\text{RuSr}_2\text{Gd}_{1.4}\text{Ce}_{0.6}\text{Cu}_2\text{O}_{10}$. Journal of Magnetism and Magnetic Materials, 2014, 349, 224-231.	1.0	5
56	Synthesis and characterization of $\text{Ni}_{0.8}\text{Co}_{0.2}\text{Fe}_2\text{O}_4/\text{Ba}_{0.95}\text{Sr}_{0.05}\text{TiO}_3$ multiferroic composites. Ceramics International, 2013, 39, 9435-9445.	2.3	38
57	Effect of purity, edge length, and growth area on field emission of multi-walled carbon nanotube emitter arrays. Journal of Applied Physics, 2013, 113, 204304.	1.1	12
58	EFFECTS OF COPPER DOPING ON DIELECTRIC AND A.C. CONDUCTIVITY IN LAYERED SODIUM TRI-TITANATE CERAMIC. International Journal of Modern Physics B, 2013, 27, 1350114.	1.0	3
59	Improving the field emission of carbon nanotubes by lanthanum-hexaboride nano-particles decoration. Applied Physics Letters, 2012, 101, .	1.5	26
60	Effect of 3d Metal (Co and Ni) Doping on the Superconductivity of $\text{FeSe}_{0.5}\text{Te}_{0.5}$. IEEE Transactions on Magnetics, 2012, 48, 4239-4242.	1.2	17
61	Evaluating effect of surface state density at the interfaces in degraded bulk heterojunction organic solar cell. Physica B: Condensed Matter, 2012, 407, 3044-3046.	1.3	10
62	Effect of Boron substitution on the superconductivity of non-oxide perovskite MgCNi_3 . Solid State Communications, 2012, 152, 1678-1682.	0.9	5
63	Structural, dielectric properties and electrical conduction behaviour of Dy substituted $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ ceramics. Ceramics International, 2012, 38, 6807-6813.	2.3	24
64	Spin-glass and cluster ferromagnetism in $\text{RuSr}_2\text{Y}_{1.5}\text{Ce}_{0.5}\text{Cu}_2\text{O}_{10}$ magneto-superconductor synthesized by HPHT. Cryogenics, 2012, 52, 764-766.	0.9	0
65	Phenolic resin-based composite sheets filled with mixtures of reduced graphene oxide, $\hat{\Gamma}^3\text{-Fe}_2\text{O}_3$ and carbon fibers for excellent electromagnetic interference shielding in the X-band. Carbon, 2012, 50, 3868-3875.	5.4	231
66	Effect of sol composition on dielectric and ferroelectric properties of PZT composite films. Ceramics International, 2012, 38, 1331-1339.	2.3	13
67	Study of structural, dielectric and electrical conduction behaviour of Gd substituted $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ ceramics. Ceramics International, 2012, 38, 3029-3037.	2.3	51
68	Synthesis and in vitro bioactivity of surfactant templated mesoporous sodium silicate glasses. Microporous and Mesoporous Materials, 2012, 159, 17-23.	2.2	19
69	Role of interstitial Fe in the superconductivity of $\text{FeTe}_{1/2}\text{Se}_{1/2}$. Solid State Communications, 2011, 151, 1767-1770.	0.9	11
70	Effect of dispersion conditions on the mechanical properties of multi-walled carbon nanotubes based epoxy resin composites. Journal of Polymer Research, 2011, 18, 1397-1407.	1.2	104
71	Phase evolution studies of sol-gel derived lead zirconate titanate (PZT) nanopowder using X-ray diffraction and X-ray photoelectron spectroscopy. Applied Physics A: Materials Science and Processing, 2011, 104, 103-108.	1.1	8
72	Effect of zirconium doping on ferroelectric properties and leakage current mechanism in $\text{Bi}_{3.25}\text{La}_{0.75}\text{Ti}_3\text{O}_{12}$ (BLT) thin films. Physica Status Solidi (B): Basic Research, 2011, 248, 1010-1017.	0.7	8

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73	Electromagnetic interference shielding of graphite/acrylonitrile butadiene styrene composites. Journal of Applied Polymer Science, 2011, 120, 1100-1105.	1.3	51
74	Modeling electrical response of polymer-coated SAW resonators by equivalent circuit representation. Ultrasonics, 2011, 51, 547-553.	2.1	7
75	Correlation of optical energy gap with the nearest neighbour short range order in amorphous V2O5 films. Journal Physics D: Applied Physics, 2011, 44, 215404.	1.3	4
76	EFFECT OF PROCESSING CONDITIONS ON DIELECTRIC PROPERTIES OF CaCu ₃ Ti ₄ O ₁₂ CERAMICS. International Journal of Modern Physics B, 2011, 25, 1049-1059.	1.0	7
77	Gas-sensing properties of Fe ₂ xTi _x O ₃ +Î ³ (x=0â€“1.4). Polyhedron, 2010, 29, 1225-1230.	1.0	7
78	Dielectric Functions of Niobium Doped Bi _{3.25} La _{0.75} Ti ₃ O ₁₂ Thin Films Using Spectroscopic Ellipsometry. Integrated Ferroelectrics, 2010, 122, 126-133.	0.3	0
79	Dielectric-Spectroscopic and A.C. Conductivity Investigations on Layered K _{1.9} Rb _{0.1} Ti ₄ O ₉ Ceramic. Integrated Ferroelectrics, 2010, 120, 28-36.	0.3	2
80	Fabrication and Characterization of Bismuth Lanthanum Titanate (Bi _{3.25} La _{0.75} Ti ₃ O ₁₂) Thin Films for FeRAM Devices. Integrated Ferroelectrics, 2010, 122, 63-73.	0.3	3
81	Dielectric and Ferroelectric Studies on Sol-Gel Derived Calcium Modified Lead Zirconate Titanate Ceramics. Integrated Ferroelectrics, 2010, 122, 74-82.	0.3	3
82	Growth of Nanostructured Amorphous InSb by Vacuum Thermal Evaporation. Integrated Ferroelectrics, 2010, 122, 119-125.	0.3	1
83	EFFECT OF PROCESSING CONDITIONS ON ELECTRICAL PROPERTIES OF CaCu ₃ Ti ₄ O ₁₂ CERAMICS. Modern Physics Letters B, 2010, 24, 1267-1273.	1.0	4
84	Electrical Conduction Behaviour of CaCu ₃ Ti ₄ O ₁₂ Ceramics with Different Sintering Times. Integrated Ferroelectrics, 2010, 122, 108-113.	0.3	1
85	Structural and Electrical Properties of Lead Zirconate Titanate 0â€“3 Composite Films. Integrated Ferroelectrics, 2010, 122, 134-143.	0.3	1
86	Sol-Gel Derived Nanocrystalline Lanthanum Doped Lead Zirconate Titanate Thin Films Studied for Solitary Waves Propagation. Integrated Ferroelectrics, 2010, 122, 144-151.	0.3	0
87	Preparation and Characterization of Some Manganese Doped Layered Na _{1.86} Li _{0.10} K _{0.04} Ti ₃ O ₇ Ceramics. Integrated Ferroelectrics, 2010, 120, 18-27.	0.3	4
88	Growth of Uniform and Self-Aligned InAs Quantum Dots on Vicinal (100) GaAs Substrate by Metal Organic Chemical Vapor Deposition Technique for Laser Applications. Integrated Ferroelectrics, 2010, 119, 143-150.	0.3	0
89	Fabrication and characterization of Fe _{1.90} Ti _{0.10} O ₃ gas sensitive resistors for carbon monoxide. Sensors and Actuators B: Chemical, 2009, 135, 430-435.	4.0	8
90	ZnO based surface acoustic wave ultraviolet photo sensor. Journal of Electroceramics, 2009, 22, 198-202.	0.8	56

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91	Effect of illumination on the space charge limited current in organic bulk heterojunction diodes. Applied Physics A: Materials Science and Processing, 2009, 94, 281-286.	1.1	28
92	A model for the J-V characteristics of P3HT:PCBM solar cells. Journal of Applied Physics, 2009, 105, .	1.1	77
93	Synthesis and Characterization of Sol-Gel Derived PZT Nano Powder. Journal of Nanoscience and Nanotechnology, 2009, 9, 6631-6636.	0.9	9
94	Decisive properties of graphite-filled cement composites for device application. Applied Physics A: Materials Science and Processing, 2008, 92, 417-420.	1.1	24
95	Synthesis and characterization of some 5-coordinated aluminum-8-hydroxyquinoline derivatives for OLED applications. Displays, 2008, 29, 351-357.	2.0	17
96	Trap filled limit and high current-voltage characteristics of organic diodes with non-zero Schottky barrier. Journal Physics D: Applied Physics, 2008, 41, 155108.	1.3	9
97	Effect of CoFe magnetic nanoparticles on the hole transport in poly(2-methoxy, 5-(2-ethylhexyloxy)) Tj ETQq1 1 0.784314 rgBT /Overlo	1.3	8
98	Study of electron mobility in small molecular SAQ by transient electroluminescence method. Journal Physics D: Applied Physics, 2007, 40, 7313-7317.	1.3	11
99	Mechanism of ultraviolet photoconductivity in zinc oxide nanoneedles. Journal of Physics Condensed Matter, 2007, 19, 472202.	0.7	28
100	Indentation induced testing studies on lanthanum modified lead titanate ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 110, 177-184.	1.7	14
101	Microindentation studies on samarium-modified lead titanate ceramics. Materials Chemistry and Physics, 2003, 80, 446-451.	2.0	53
102	Electromechanical and piezoelectric studies of lanthanum modified lead titanate ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 100, 47-52.	1.7	11
103	Dielectric and piezoelectric characteristics of samarium modified lead titanate ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 103, 145-151.	1.7	26
104	Thermal transition behaviour of iron oxide-polypyrrole nanocomposites. Current Applied Physics, 2003, 3, 209-213.	1.1	15
105	AC conduction in nanocomposites of polypyrrole. Journal of Non-Crystalline Solids, 2003, 332, 279-285.	1.5	15
106	Dielectric and ferroelectric properties of lanthanum modified lead titanate ceramics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 94, 1-7.	1.7	41
107	Phase change induced by polypyrrole in iron-oxide polypyrrole nanocomposite. Bulletin of Materials Science, 2001, 24, 563-567.	0.8	49
108	Electrical Conductivity of Semiconducting Tungsten Oxide Glasses. Physica Status Solidi A, 2001, 185, 453-460.	1.7	26

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109	Hardness and dielectric characteristics of flux grown terbium aluminate crystals. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1999, 57, 197-208.	1.7	13
110	Dielectric spectroscopy of doped polyaniline. Synthetic Metals, 1999, 104, 137-144.	2.1	63
111	Indentation-induced microhardness and dielectric studies of flux-grown gadolinium aluminate crystals. Journal of Physics Condensed Matter, 1998, 10, 5277-5287.	0.7	10
112	Dielectric and piezoelectric properties of lanthanum modified lead zirconate titanate ceramics. Ferroelectrics, 1997, 195, 23-26.	0.3	1
113	Barium strontium titanate thin films by metallo organic solution deposition technique for dram applications. Ferroelectrics, 1997, 197, 139-143.	0.3	0
114	Polaronic hopping conduction in poly(<i>N</i> -methyl pyrrole-pyrrole) copolymer. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1997, 75, 419-430.	0.6	15
115	Development, characterization and some design considerations of piezoceramic composites for ultrasonic applications. Ferroelectrics, 1997, 195, 115-118.	0.3	1
116	Low temperature sintering of PZT ceramics using a glass additive. Ferroelectrics, 1997, 196, 117-120.	0.3	12
117	Characterization of thick lead zirconate titanate films fabricated using a new sol gel based process. Journal of Applied Physics, 1997, 81, 876-881.	1.1	269
118	Transport and structural properties of polyaniline doped with monovalent and multivalent ions. Polymer, 1997, 38, 4897-4902.	1.8	38
119	A.c. conductivity of poly(<i>N</i> -methylpyrrole). Synthetic Metals, 1996, 82, 63-70.	2.1	71
120	Low frequency alternating current conduction and dielectric relaxation in polypyrrole, poly(<i>N</i> -methyl pyrrole), and their copolymers. Journal of Applied Physics, 1996, 80, 985-992.	1.1	42
121	Mechanism of charge transport in polypyrrole, poly(<i>N</i> -methyl pyrrole) and their copolymers. Journal of Applied Physics, 1996, 79, 1476-1480.	1.1	59
122	Dielectric characteristics of neodymium heptamolybdate crystals grown by gel encapsulation technique. Crystal Research and Technology, 1995, 30, 267-273.	0.6	8
123	Influence of additives on microwave dielectric properties of barium nanotitanate ceramics (Ba ₂ Ti ₉ O ₂₀). Journal of Materials Science Letters, 1995, 14, 1372-1373.	0.5	4
124	Dielectric studies of lanthanum heptamolybdate crystals grown from gels. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1995, 30, 7-11.	1.7	25
125	The dielectric response of ferroelectric films AT intermediate frequencies. Integrated Ferroelectrics, 1995, 11, 277-286.	0.3	3
126	Transport studies in H ₃ PO ₄ -doped polyaniline. Physical Review B, 1995, 52, 4801-4805.	1.1	30

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127	Effect of rare earth substitution on the dielectric and piezoelectric properties of Ba ₂ AgNb ₅ O ₁₅ . Ferroelectrics, 1994, 153, 285-290.	0.3	1
128	Piezoelectric and ferroelectric properties of rare-earth modified filled tungsten bronze barium silver niobate ceramics. Ferroelectrics, 1994, 154, 195-200.	0.3	1
129	Particle size dependence of piezoelectric and acoustical response of a composite hydrophone. Ferroelectrics, 1994, 156, 61-66.	0.3	5
130	The effect of neodymium oxide on dielectric and electromechanical properties of lead zirconate titanate ceramics. Materials Letters, 1994, 20, 165-168.	1.3	7
131	Fabrication and characterization of copper containing lead titanate films prepared by sol-gel method. Ferroelectrics, 1994, 152, 151-156.	0.3	1
132	Evidence of small-polaron formation in polypyrrole. Journal of Physics Condensed Matter, 1993, 5, 1313-1318.	0.7	17
133	Low-frequency ac conduction and dielectric relaxation in vinyl chloride:vinyl acetate copolymers. Journal of Applied Physics, 1992, 72, 3410-3416.	1.1	8
134	Evaluation of Mott's parameters in BF ₄ ⁻ doped polypyrrole films. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1992, 66, 285-291.	0.6	27
135	Piezoelectric, pyroelectric and dielectric properties of lanthanum modified lead zirconate titanate ceramics. Ferroelectrics, 1992, 132, 9-25.	0.3	26
136	Origin of d.c. conduction and dielectric relaxation in lightly doped polypyrrole films. Thin Solid Films, 1991, 196, L15-L20.	0.8	9
137	Low temperature relaxation in polypyrrole. Journal of Chemical Physics, 1991, 95, 722-723.	1.2	4
138	Mechanism of dc conduction in lightly doped polypyrrole films. Journal of Applied Physics, 1991, 70, 243-245.	1.1	29
139	Low-frequency ac conduction in lightly doped polypyrrole films. Journal of Applied Physics, 1991, 69, 2504-2511.	1.1	100
140	Dielectric and piezoelectric behaviour of lead titanate/polymer composite. Ferroelectrics, 1991, 120, 293-297.	0.3	35