

Ram Tandon

List of Publications by Year in descending order

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186254

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197805

49
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140
all docs

140
docs citations

140
times ranked

3257
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of thick lead zirconate titanate films fabricated using a new sol gel based process. Journal of Applied Physics, 1997, 81, 876-881.	2.5	269
2	Phenolic resin-based composite sheets filled with mixtures of reduced graphene oxide, Fe_3O_4 and carbon fibers for excellent electromagnetic interference shielding in the X-band. Carbon, 2012, 50, 3868-3875.	10.3	231
3	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.	2.4	104
4	Low-frequency ac conduction in lightly doped polypyrrole films. Journal of Applied Physics, 1991, 69, 2504-2511.	2.5	100
5	Effect of single wall carbon nanotube networks on gas sensor response and detection limit. Sensors and Actuators B: Chemical, 2017, 240, 1134-1140.	7.8	99
6	Structural, dielectric, ferromagnetic, ferroelectric and ac conductivity studies of the $\text{BaTiO}_3/\text{CoFe}_2\text{O}_4$ multiferroic particulate composites. Ceramics International, 2014, 40, 9027-9036.	4.8	88
7	A model for the J-V characteristics of P3HT:PCBM solar cells. Journal of Applied Physics, 2009, 105, .	2.5	77
8	A.c. conductivity of poly(N-methylpyrrole). Synthetic Metals, 1996, 82, 63-70.	3.9	71
9	Dielectric spectroscopy of doped polyaniline. Synthetic Metals, 1999, 104, 137-144.	3.9	63
10	Mechanism of charge transport in polypyrrole, poly(N-methyl pyrrole) and their copolymers. Journal of Applied Physics, 1996, 79, 1476-1480.	2.5	59
11	ZnO based surface acoustic wave ultraviolet photo sensor. Journal of Electroceramics, 2009, 22, 198-202.	2.0	56
12	Microindentation studies on samarium-modified lead titanate ceramics. Materials Chemistry and Physics, 2003, 80, 446-451.	4.0	53
13	Electromagnetic interference shielding of graphite/acrylonitrile butadiene styrene composites. Journal of Applied Polymer Science, 2011, 120, 1100-1105.	2.6	51
14	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.	4.8	51
15	Phase change induced by polypyrrole in iron-oxide polypyrrole nanocomposite. Bulletin of Materials Science, 2001, 24, 563-567.	1.7	49
16	Comparative study of magnetoelectric composite system $\text{Ba}_{0.95}\text{Sr}_{0.05}\text{TiO}_3/\text{Ni}_{0.8}\text{Co}_{0.2}\text{Fe}_2\text{O}_4$ with ferrite prepared by different methods. Ceramics International, 2014, 40, 5731-5743.	4.8	43
17	Low frequency alternating current conduction and dielectric relaxation in polypyrrole, poly(N-methyl pyrrole), and their copolymers. Journal of Applied Physics, 1996, 80, 985-992.	2.5	42
18	Zn doping induced conductivity transformation in NiO films for realization of p-n homo junction diode. Journal of Applied Physics, 2017, 121, .	2.5	42

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19	Dielectric and ferroelectric properties of lanthanum modified lead titanate ceramics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2002, 94, 1-7.	3.5	41
20	Transport and structural properties of polyaniline doped with monovalent and multivalent ions. <i>Polymer</i> , 1997, 38, 4897-4902.	3.8	38
21	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.	4.8	38
22	Dielectric and piezoelectric behaviour of lead titanate/polymer composite. <i>Ferroelectrics</i> , 1991, 120, 293-297.	0.6	35
23	Structural, dielectric and piezoelectric properties of SrBi ₂ Nb ₂ O ₉ and Sr _{0.8} Bi _{2.2} Nb ₂ O ₉ ceramics. <i>Ceramics International</i> , 2015, 41, 4468-4478.	4.8	33
24	Effect of rare earth substitution on properties of barium strontium titanate ceramic and its multiferroic composite with nickel cobalt ferrite. <i>Journal of Alloys and Compounds</i> , 2014, 617, 140-148.	5.5	32
25	EMI shielding of MWCNT/ABS nanocomposites in contrast to graphite/ABS composites and MWCNT/PS nanocomposites. <i>RSC Advances</i> , 2016, 6, 45049-45058.	3.6	32
26	Transport studies in H ₃ PO ₄ -doped polyaniline. <i>Physical Review B</i> , 1995, 52, 4801-4805.	3.2	30
27	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.	4.0	30
28	Mechanism of dc conduction in lightly doped polypyrrole films. <i>Journal of Applied Physics</i> , 1991, 70, 243-245.	2.5	29
29	Mechanism of ultraviolet photoconductivity in zinc oxide nanoneedles. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 472202.	1.8	28
30	Effect of illumination on the space charge limited current in organic bulk heterojunction diodes. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 94, 281-286.	2.3	28
31	Evaluation of Mott's parameters in BF ₄ ⁻ doped polypyrrole films. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1992, 66, 285-291.	0.6	27
32	Piezoelectric, pyroelectric and dielectric properties of lanthanum modified lead zirconate titanate ceramics. <i>Ferroelectrics</i> , 1992, 132, 9-25.	0.6	26
33	Electrical Conductivity of Semiconducting Tungsten Oxide Glasses. <i>Physica Status Solidi A</i> , 2001, 185, 453-460.	1.7	26
34	Dielectric and piezoelectric characteristics of samarium modified lead titanate ceramics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 103, 145-151.	3.5	26
35	Improving the field emission of carbon nanotubes by lanthanum-hexaboride nano-particles decoration. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	26
36	Investigation on the effect of ferrite content on the multiferroic properties of (1-x) Ba _{0.95} Sr _{0.05} TiO ₃ – (x) Ni _{0.7} Zn _{0.2} Co _{0.1} Fe ₂ O ₄ ceramic composite. <i>Materials Chemistry and Physics</i> , 2015, 160, 447-455.	4.0	26

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37	Study of simultaneous reversible and irreversible adsorption on single-walled carbon nanotube gas sensor. <i>Materials Chemistry and Physics</i> , 2016, 177, 276-282.	4.0	26
38	Synergic effect of graphene and MWCNT fillers on electromagnetic shielding properties of graphene-MWCNT/ABS nanocomposites. <i>RSC Advances</i> , 2016, 6, 18257-18265.	3.6	26
39	Dielectric studies of lanthanum heptamolybdate crystals grown from gels. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1995, 30, 7-11.	3.5	25
40	Optimizing P3HT/PCBM/MWCNT films for increased stability in polymer bulk heterojunction solar cells. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 3046-3054.	2.1	25
41	Decisive properties of graphite-filled cement composites for device application. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 417-420.	2.3	24
42	Structural, dielectric properties and electrical conduction behaviour of Dy substituted CaCu ₃ Ti ₄ O ₁₂ ceramics. <i>Ceramics International</i> , 2012, 38, 6807-6813.	4.8	24
43	Probing the Mechanism for Bipolar Resistive Switching in Annealed Graphene Oxide Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6521-6530.	8.0	23
44	Synthesis and in vitro bioactivity of surfactant templated mesoporous sodium silicate glasses. <i>Microporous and Mesoporous Materials</i> , 2012, 159, 17-23.	4.4	19
45	Mechanism for leakage current conduction in manganese doped Bi _{3.25} La _{0.75} Ti ₃ O ₁₂ (BLT) ferroelectric thin films. <i>Journal of Alloys and Compounds</i> , 2014, 606, 132-138.	5.5	19
46	The effect of ZrO ₂ dispersion on the thermoelectric power factor of Ca ₃ Co ₄ O ₉ . <i>Physica B: Condensed Matter</i> , 2016, 483, 48-53.	2.7	18
47	Evidence of small-polaron formation in polypyrrole. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 1313-1318.	1.8	17
48	Synthesis and characterization of some 5-coordinated aluminum-8-hydroxyquinoline derivatives for OLED applications. <i>Displays</i> , 2008, 29, 351-357.	3.7	17
49	Effect of 3d Metal (Co and Ni) Doping on the Superconductivity of FeSe _{0.5} Te _{0.5} . <i>IEEE Transactions on Magnetics</i> , 2012, 48, 4239-4242.	2.1	17
50	Study of energy band discontinuity in NiZnO/ZnO heterostructure using X-ray photoelectron spectroscopy. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	16
51	Polaronic hopping conduction in poly(<i>N</i> -methyl pyrrole-pyrrole) copolymer. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1997, 75, 419-430.	0.6	15
52	Thermal transition behaviour of iron oxide-polypyrrole nanocomposites. <i>Current Applied Physics</i> , 2003, 3, 209-213.	2.4	15
53	AC conduction in nanocomposites of polypyrrole. <i>Journal of Non-Crystalline Solids</i> , 2003, 332, 279-285.	3.1	15
54	Indentation induced testing studies on lanthanum modified lead titanate ceramics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004, 110, 177-184.	3.5	14

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55	Pre-localized MWCNT network for a low percolation threshold in MWCNT/ABS nanocomposites: experiment and theory. RSC Advances, 2014, 4, 60733-60740.	3.6	14
56	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.	3.5	13
57	Effect of sol composition on dielectric and ferroelectric properties of PZT composite films. Ceramics International, 2012, 38, 1331-1339.	4.8	13
58	Organic-inorganic hybrid polyvinylidene fluoride-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.	3.6	13
59	Low temperature sintering of PZT ceramics using a glass additive. Ferroelectrics, 1997, 196, 117-120.	0.6	12
60	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.	2.5	12
61	Fully dense hot pressed calcium cobalt oxide ceramics. Ceramics International, 2018, 44, 6337-6342.	4.8	12
62	Flexible single walled nanotube based chemical sensor for 2,4-dinitrotoluene sensing. Journal of Materials Science: Materials in Electronics, 2018, 29, 6200-6205.	2.2	12
63	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.	3.5	11
64	Study of electron mobility in small molecular SAIq by transient electroluminescence method. Journal Physics D: Applied Physics, 2007, 40, 7313-7317.	2.8	11
65	Role of interstitial Fe in the superconductivity of FeTe _{1/2} Se _{1/2} . Solid State Communications, 2011, 151, 1767-1770.	1.9	11
66	Indentation-induced microhardness and dielectric studies of flux-grown gadolinium aluminate crystals. Journal of Physics Condensed Matter, 1998, 10, 5277-5287.	1.8	10
67	Evaluating effect of surface state density at the interfaces in degraded bulk heterojunction organic solar cell. Physica B: Condensed Matter, 2012, 407, 3044-3046.	2.7	10
68	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, .	2.5	10
69	Latest advancement in magnetoelectric multiferroic composites. Ferroelectrics, 2020, 569, 108-121.	0.6	10
70	Origin of d.c. conduction and dielectric relaxation in lightly doped polypyrrole films. Thin Solid Films, 1991, 196, L15-L20.	1.8	9
71	Trap filled limit and high current-voltage characteristics of organic diodes with non-zero Schottky barrier. Journal Physics D: Applied Physics, 2008, 41, 155108.	2.8	9
72	Synthesis and Characterization of Sol-Gel Derived PZT Nano Powder. Journal of Nanoscience and Nanotechnology, 2009, 9, 6631-6636.	0.9	9

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73	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.	5.5	9
74	Novel Method of Synthesis of Multiferroic Nickel Cobalt Ferrite/Barium Strontium Titanate Composite System. International Journal of Applied Ceramic Technology, 2015, 12, E156.	2.1	9
75	In-situ and post deposition analysis of laser MBE deposited GaN films at varying nitrogen gas flow. Vacuum, 2019, 164, 72-76.	3.5	9
76	Study of energy storage and electrocaloric behavior of lead-free Fe-doped BCT ceramics. Ferroelectrics, 2020, 569, 136-147.	0.6	9
77	Low-frequency ac conduction and dielectric relaxation in vinyl chloride:vinyl acetate copolymers. Journal of Applied Physics, 1992, 72, 3410-3416.	2.5	8
78	Dielectric characteristics of neodymium heptamolybdate crystals grown by gel encapsulation technique. Crystal Research and Technology, 1995, 30, 267-273.	1.3	8
79	Effect of CoFe magnetic nanoparticles on the hole transport in poly(2-methoxy, 5-(2-ethylhexyloxy)) Tj ETQq1 1 0.784314 rgBT /Overlo	2.8	8
80	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.	7.8	8
81	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.	2.3	8
82	Effect of zirconium doping on ferroelectric properties and leakage-current mechanism in Bi _{3.25} La _{0.75} Ti ₃ O ₁₂ (BLT) thin films. Physica Status Solidi (B): Basic Research, 2011, 248, 1010-1017.	1.5	8
83	Study of microstructure, dielectric and magnetoelectric properties of the lead free co-fired BaTiO ₃ /CoZn _{0.2} Fe _{1.8} O ₄ /BaTiO ₃ trilayer composites. Journal of Materials Science: Materials in Electronics, 2015, 26, 5287-5294.	2.2	8
84	Room temperature electroluminescence from Laser MBE grown Gallium nitride LEDs. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 260, 114655.	3.5	8
85	The effect of neodymium oxide on dielectric and electromechanical properties of lead zirconate titanate ceramics. Materials Letters, 1994, 20, 165-168.	2.6	7
86	Gas-sensing properties of Fe ₂ xTi _x O ₃ +I ₃ (x=0-1.4). Polyhedron, 2010, 29, 1225-1230.	2.2	7
87	Modeling electrical response of polymer-coated SAW resonators by equivalent circuit representation. Ultrasonics, 2011, 51, 547-553.	3.9	7
88	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.	2.0	7
89	Particle size dependence of piezoelectric and acoustical response of a composite hydrophone. Ferroelectrics, 1994, 156, 61-66.	0.6	5
90	Effect of Boron substitution on the superconductivity of non-oxide perovskite MgCNi ₃ . Solid State Communications, 2012, 152, 1678-1682.	1.9	5

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91	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.	2.3	5
92	Influence of donor-acceptor materials on the photovoltaic parameters of conjugated polymer/fullerene solar cells. Journal of Materials Science: Materials in Electronics, 2015, 26, 6212-6217.	2.2	5
93	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. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 207, 1-6.	3.5	5
94	Neodymium doped bismuth telluride alloys using chemical reflux method for thermoelectric application. Integrated Ferroelectrics, 2017, 184, 9-14.	0.7	5
95	Carbon material-nanoferrite composite for radiation shielding in microwave frequency. Integrated Ferroelectrics, 2018, 186, 40-48.	0.7	5
96	Low temperature relaxation in polypyrrole. Journal of Chemical Physics, 1991, 95, 722-723.	3.0	4
97	Influence of additives on microwave dielectric properties of barium nanotitanate ceramics ($\text{Ba}_2\text{Ti}_9\text{O}_{20}$). Journal of Materials Science Letters, 1995, 14, 1372-1373.	0.5	4
98	EFFECT OF PROCESSING CONDITIONS ON ELECTRICAL PROPERTIES OF $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ CERAMICS. Modern Physics Letters B, 2010, 24, 1267-1273.	1.9	4
99	Preparation and Characterization of Some Manganese Doped Layered $\text{Na}_{1.86}\text{Li}_{0.10}\text{K}_{0.04}\text{Ti}_3\text{O}_7$ Ceramics. Integrated Ferroelectrics, 2010, 120, 18-27.	0.7	4
100	Correlation of optical energy gap with the nearest neighbour short range order in amorphous V_2O_5 films. Journal Physics D: Applied Physics, 2011, 44, 215404.	2.8	4
101	Degradation analysis of PCDTBT:PC71BM organic solar cells-an insight. Current Applied Physics, 2016, 16, 273-277.	2.4	4
102	Anti-bacterial biofilm activity of magnesium ferrite thin film. Integrated Ferroelectrics, 2017, 184, 69-74.	0.7	4
103	The dielectric response of ferroelectric films AT intermediate frequencies. Integrated Ferroelectrics, 1995, 11, 277-286.	0.7	3
104	Fabrication and Characterization of Bismuth Lanthanum Titanate ($\text{Bi}_{3.25}\text{La}_{0.75}\text{Ti}_3\text{O}_{12}$) Thin Films for FeRAM Devices. Integrated Ferroelectrics, 2010, 122, 63-73.	0.7	3
105	Dielectric and Ferroelectric Studies on Sol-Gel Derived Calcium Modified Lead Zirconate Titanate Ceramics. Integrated Ferroelectrics, 2010, 122, 74-82.	0.7	3
106	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.	2.0	3
107	Microwave-assisted sintering of non-stoichiometric strontium bismuth niobate ceramic: Structural and dielectric properties. Physica B: Condensed Matter, 2016, 500, 169-178.	2.7	3
108	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. Journal of Magnetism and Magnetic Materials, 2017, 444, 23-28.	2.3	3

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109	Modification in properties of barium titanate on Sm ³⁺ substitution. <i>Ferroelectrics</i> , 2017, 516, 127-130.	0.6	3
110	Laser Molecular Beam Epitaxy (LMBE) Technique grown GaN p-n junction. <i>Materials Today: Proceedings</i> , 2018, 5, 15361-15365.	1.8	3
111	Electrical Properties of Self Sustained Layer of Graphene Oxide and Polyvinylpyrrolidone Composite. <i>Integrated Ferroelectrics</i> , 2019, 202, 197-203.	0.7	3
112	Highly Sensitive NO ₂ Detection and DMP Sensing at Room Temperature using Flexible SWNT Thick Film Sensor. <i>Defence Science Journal</i> , 2016, 66, 413.	0.8	3
113	Dielectric-Spectroscopic and A.C. Conductivity Investigations on Layered K ^{1.9} Rb ^{0.1} Ti ⁴ O ⁹ Ceramic. <i>Integrated Ferroelectrics</i> , 2010, 120, 28-36.	0.7	2
114	Improved properties in Dy ³⁺ substituted barium titanate. <i>Integrated Ferroelectrics</i> , 2018, 186, 49-53.	0.7	2
115	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.	2.2	2
116	XPS resolved surface states analysis of ZnO and Ni doped ZnO films for quantum well applications. <i>Ferroelectrics</i> , 2018, 534, 199-205.	0.6	2
117	Effect of rare earth substitution on the dielectric and piezoelectric properties of Ba ₂ AgNb ₅ O ₁₅ . <i>Ferroelectrics</i> , 1994, 153, 285-290.	0.6	1
118	Piezoelectric and ferroelectric properties of rare-earth modified filled tungsten bronze barium silver niobate ceramics. <i>Ferroelectrics</i> , 1994, 154, 195-200.	0.6	1
119	Fabrication and characterization of copper containing lead titanate films prepared by sol-gel method. <i>Ferroelectrics</i> , 1994, 152, 151-156.	0.6	1
120	Dielectric and piezoelectric properties of lanthanum modified lead zirconate titanate ceramics. <i>Ferroelectrics</i> , 1997, 195, 23-26.	0.6	1
121	Development, characterization and some design considerations of piezoceramic composites for ultrasonic applications. <i>Ferroelectrics</i> , 1997, 195, 115-118.	0.6	1
122	Growth of Nanostructured Amorphous InSb by Vacuum Thermal Evaporation. <i>Integrated Ferroelectrics</i> , 2010, 122, 119-125.	0.7	1
123	Electrical Conduction Behaviour of CaCu ₃ Ti ₄ O ₁₂ Ceramics with Different Sintering Times. <i>Integrated Ferroelectrics</i> , 2010, 122, 108-113.	0.7	1
124	Structural and Electrical Properties of Lead Zirconate Titanate ϵ -3 Composite Films. <i>Integrated Ferroelectrics</i> , 2010, 122, 134-143.	0.7	1
125	Hot pressed pellets of thallium doped bismuth telluride alloys for thermoelectrics. <i>Integrated Ferroelectrics</i> , 2017, 184, 32-37.	0.7	1
126	Structural and dielectric properties of multiferroic composite system Ba _{0.5} Sr _{0.5} TiO ₃ -Ni _{0.4} Co _{0.2} Zn _{0.4} Fe ₂ O ₄ . <i>Ferroelectrics</i> , 2017, 516, 122-126.	0.6	1

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127	Micro-structural, ferroelectric and magnetic properties of multiferroic composite system Ba _{0.5} Sr _{0.5} TiO ₃ -Ni _{0.4} Co _{0.2} Zn _{0.4} Fe ₂ O ₄ . Ferroelectrics, 2017, 516, 117-121.	0.6	1
128	Temperature dependent electronic conduction through graphene oxide thin film based two terminal devices. Integrated Ferroelectrics, 2017, 184, 210-216.	0.7	1
129	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. Integrated Ferroelectrics, 2018, 186, 100-105.	0.7	1
130	Variable range hopping conduction in fully dense calcium cobalt oxide textured ceramics. Ceramics International, 2018, 44, 15478-15482.	4.8	1
131	Influence of Addition of Nanoparticles of Magnetic Phase on Structural, Microstructural and Dielectric Properties of Multiferroic Composites. Integrated Ferroelectrics, 2019, 203, 156-163.	0.7	1
132	Effect of Addition of NZF Nanoparticles on Ferroelectric, Magnetic and Magnetolectric Properties of BST-NZF Composite. Integrated Ferroelectrics, 2019, 203, 164-169.	0.7	1
133	Materials Characterization of Cobalt Antimonide Nanostructures as Thermoelectric Material. Integrated Ferroelectrics, 2020, 205, 66-71.	0.7	1
134	Bulk-heterojunction Solar Cells With Different Active Layer Blends: Comparison Of Experimental And Theoretical Results. Advanced Materials Letters, 2015, 6, 920-923.	0.6	1
135	Barium strontium titanate thin films by metallo organic solution deposition technique for dram applications. Ferroelectrics, 1997, 197, 139-143.	0.6	0
136	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.	0.7	0
137	Sol-Gel Derived Nanocrystalline Lanthanum Doped Lead Zirconate Titanate Thin Films Studied for Solitary Waves Propagation. Integrated Ferroelectrics, 2010, 122, 144-151.	0.7	0
138	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.	0.7	0
139	Spin-glass and cluster ferromagnetism in RuSr ₂ Y _{1.5} Ce _{0.5} Cu ₂ O ₁₀ magneto-superconductor synthesized by HPHT. Cryogenics, 2012, 52, 764-766.	1.7	0
140	Multifunctional nanolayered renewable carbon for electromagnetic interference and energy devices. Materials Today Energy, 2021, 20, 100778.	4.7	0