

Ram Tandon

List of Publications by Year in descending order

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140
papers

2,902
citations

186265

28
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197818

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 $\text{BaTiO}_3/\text{CoFe}_{1.8}\text{Zn}_{0.2}\text{O}_4$ 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. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 94, 1-7.	3.5	41
20	Transport and structural properties of polyaniline doped with monovalent and multivalent ions. Polymer, 1997, 38, 4897-4902.	3.8	38
21	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.	4.8	38
22	Dielectric and piezoelectric behaviour of lead titanate/polymer composite. Ferroelectrics, 1991, 120, 293-297.	0.6	35
23	Structural, dielectric and piezoelectric properties of $\text{SrBi}_2\text{Nb}_2\text{O}_9$ and $\text{Sr}_{0.8}\text{Bi}_{1.2}\text{Nb}_2\text{O}_9$ ceramics. Ceramics International, 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. Journal of Alloys and Compounds, 2014, 617, 140-148.	5.5	32
25	EMI shielding of MWCNT/ABS nanocomposites in contrast to graphite/ABS composites and MWCNT/PS nanocomposites. RSC Advances, 2016, 6, 45049-45058.	3.6	32
26	Transport studies in H_3PO_4 -doped polyaniline. Physical Review B, 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. Materials Chemistry and Physics, 2016, 181, 487-494.	4.0	30
28	Mechanism of dc conduction in lightly doped polypyrrole films. Journal of Applied Physics, 1991, 70, 243-245.	2.5	29
29	Mechanism of ultraviolet photoconductivity in zinc oxide nanoneedles. Journal of Physics Condensed Matter, 2007, 19, 472202.	1.8	28
30	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.	2.3	28
31	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
32	Piezoelectric, pyroelectric and dielectric properties of lanthanum modified lead zirconate titanate ceramics. Ferroelectrics, 1992, 132, 9-25.	0.6	26
33	Electrical Conductivity of Semiconducting Tungsten Oxide Glasses. Physica Status Solidi A, 2001, 185, 453-460.	1.7	26
34	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.	3.5	26
35	Improving the field emission of carbon nanotubes by lanthanum-hexaboride nano-particles decoration. Applied Physics Letters, 2012, 101, .	3.3	26
36	Investigation on the effect of ferrite content on the multiferroic properties of $(1-x)\text{Ba}_{0.95}\text{Sr}_{0.05}\text{TiO}_3$ $\hat{=}$ $(x)\text{Ni}_{0.7}\text{Zn}_{0.2}\text{Co}_{0.1}\text{Fe}_2\text{O}_4$ ceramic composite. Materials Chemistry and Physics, 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. Materials Chemistry and Physics, 2016, 177, 276-282.	4.0	26
38	Synergic effect of graphene and MWCNT fillers on electromagnetic shielding properties of grapheneâ€“MWCNT/ABS nanocomposites. RSC Advances, 2016, 6, 18257-18265.	3.6	26
39	Dielectric studies of lanthanum heptamolybdate crystals grown from gels. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1995, 30, 7-11.	3.5	25
40	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.	2.1	25
41	Decisive properties of graphite-filled cement composites for device application. Applied Physics A: Materials Science and Processing, 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. Ceramics International, 2012, 38, 6807-6813.	4.8	24
43	Probing the Mechanism for Bipolar Resistive Switching in Annealed Graphene Oxide Thin Films. ACS Applied Materials & Interfaces, 2018, 10, 6521-6530.	8.0	23
44	Synthesis and in vitro bioactivity of surfactant templated mesoporous sodium silicate glasses. Microporous and Mesoporous Materials, 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. Journal of Alloys and Compounds, 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 . Physica B: Condensed Matter, 2016, 483, 48-53.	2.7	18
47	Evidence of small-polaron formation in polypyrrole. Journal of Physics Condensed Matter, 1993, 5, 1313-1318.	1.8	17
48	Synthesis and characterization of some 5-coordinated aluminum-8-hydroxyquinoline derivatives for OLED applications. Displays, 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} . IEEE Transactions on Magnetics, 2012, 48, 4239-4242.	2.1	17
50	Study of energy band discontinuity in NiZnO/ZnO heterostructure using X-ray photoelectron spectroscopy. Applied Physics Letters, 2016, 108, .	3.3	16
51	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
52	Thermal transition behaviour of iron oxideâ€“polypyrrole nanocomposites. Current Applied Physics, 2003, 3, 209-213.	2.4	15
53	AC conduction in nanocomposites of polypyrrole. Journal of Non-Crystalline Solids, 2003, 332, 279-285.	3.1	15
54	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.	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- $\text{Co}_{0.6}\text{Zn}_{0.4}\text{Mn}_{0.3}\text{Fe}_{1.7}\text{O}_4$ 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 SAQ 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 $\text{FeTe}_{1/2}\text{Se}_{1/2}$. 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 $\text{Co}_{0.6}\text{Zn}_{0.4}\text{Fe}_{1.7}\text{Mn}_{0.3}\text{O}_4$. 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. Ferroelectrics, 2017, 516, 127-130.	0.6	3
110	Laser Molecular Beam Epitaxy (LMBE) Technique grown GaN p-n junction. Materials Today: Proceedings, 2018, 5, 15361-15365.	1.8	3
111	Electrical Properties of Self Sustained Layer of Graphene Oxide and Polyvinylpyrrolidone Composite. Integrated Ferroelectrics, 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. Defence Science Journal, 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. Integrated Ferroelectrics, 2010, 120, 28-36.	0.7	2
114	Improved properties in Dy ³⁺ substituted barium titanate. Integrated Ferroelectrics, 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. Journal of Materials Science: Materials in Electronics, 2018, 29, 2764-2770.	2.2	2
116	XPS resolved surface states analysis of ZnO and Ni doped ZnO films for quantum well applications. Ferroelectrics, 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 . Ferroelectrics, 1994, 153, 285-290.	0.6	1
118	Piezoelectric and ferroelectric properties of rare-earth modified filled tungsten bronze barium silver niobate ceramics. Ferroelectrics, 1994, 154, 195-200.	0.6	1
119	Fabrication and characterization of copper containing lead titanate films prepared by sol-gel method. Ferroelectrics, 1994, 152, 151-156.	0.6	1
120	Dielectric and piezoelectric properties of lanthanum modified lead zirconate titanate ceramics. Ferroelectrics, 1997, 195, 23-26.	0.6	1
121	Development, characterization and some design considerations of piezoceramic composites for ultrasonic applications. Ferroelectrics, 1997, 195, 115-118.	0.6	1
122	Growth of Nanostructured Amorphous InSb by Vacuum Thermal Evaporation. Integrated Ferroelectrics, 2010, 122, 119-125.	0.7	1
123	Electrical Conduction Behaviour of CaCu ₃ Ti ₄ O ₁₂ Ceramics with Different Sintering Times. Integrated Ferroelectrics, 2010, 122, 108-113.	0.7	1
124	Structural and Electrical Properties of Lead Zirconate Titanate “3 Composite Films. Integrated Ferroelectrics, 2010, 122, 134-143.	0.7	1
125	Hot pressed pellets of thallium doped bismuth telluride alloys for thermoelectrics. Integrated Ferroelectrics, 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 . Ferroelectrics, 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 Magnetoelectric 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