

# R N P Choudhary

## List of Publications by Year in descending order

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425  
papers

6,704  
citations

126858

33  
h-index

128225

60  
g-index

433  
all docs

433  
docs citations

433  
times ranked

3538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Mn substitution on electrical and magnetic properties of Bi <sub>0.9</sub> La <sub>0.1</sub> FeO <sub>3</sub> . Journal of Applied Physics, 2009, 106, .	1.1	273
2	Impedance and Raman spectroscopic studies of (Na <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub> . Journal Physics D: Applied Physics, 2011, 44, 355402.	1.3	265
3	Complex impedance studies on tungsten-bronze electroceramic: Pb <sub>2</sub> Bi <sub>3</sub> LaTi <sub>5</sub> O <sub>18</sub> . Journal of Materials Science, 2006, 41, 369-375.	1.7	229
4	Structural and multiferroic properties of La-modified BiFeO <sub>3</sub> ceramics. Journal of Applied Physics, 2007, 101, 034104.	1.1	202
5	Impedance spectroscopy of Gd-doped BiFeO <sub>3</sub> multiferroics. Applied Physics A: Materials Science and Processing, 2013, 112, 387-395.	1.1	159
6	Effect of yttrium on improvement of dielectric properties and magnetic switching behavior in BiFeO <sub>3</sub> . Journal of Physics Condensed Matter, 2008, 20, 045218.	0.7	151
7	Complex impedance studies of sodium pyrotungstateâ€ Na <sub>2</sub> W <sub>2</sub> O <sub>7</sub> . Physica Status Solidi A, 2004, 201, 588-595.	1.7	134
8	Impedance spectroscopy study of strontium modified lead zirconate titanate ceramics. Journal of Applied Physics, 2006, 99, 124114.	1.1	98
9	Effect of La substitution on structural and electrical properties of Ba(Fe <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> nanoceramics. Journal of Materials Science, 2007, 42, 7423-7432.	1.7	93
10	The structural, electrical and magnetoelectric properties of soft-chemically-synthesized SmFeO <sub>3</sub> ceramics. Journal Physics D: Applied Physics, 2016, 49, 035302.	1.3	88
11	Effect of La substitution on structural and electrical properties of BiFeO <sub>3</sub> thin film. Journal of Applied Physics, 2006, 99, 066107.	1.1	80
12	Microstructural studies of (PbLa)(ZrTi)O <sub>3</sub> ceramics using complex impedance spectroscopy. Journal of Applied Physics, 2004, 96, 1607-1613.	1.1	79
13	Ferroelectric phase transition in Pb <sub>0.92</sub> Gd <sub>0.08</sub> (Zr <sub>0.53</sub> Ti <sub>0.47</sub> ) <sub>0.98</sub> O <sub>3</sub> nanoceramic synthesized by high-energy ball milling. Journal of Applied Physics, 2003, 94, 6091-6096.	1.1	65
14	Structural, electrical, and multiferroic characteristics of lead-free multiferroic: Bi(Co <sub>0.5</sub> Ti <sub>0.5</sub> )O <sub>3</sub> â€ BiFeO <sub>3</sub> solid solution. RSC Advances, 2018, 8, 36939-36950.	1.7	64
15	Structural, electrical and magnetic characteristics of improper multiferroic: GdFeO <sub>3</sub> . Materials Research Express, 2016, 3, 065017.	0.8	58
16	Dielectric, conductivity and ferroelectric properties of lead-free electronic ceramic: 0.6Bi(Fe <sub>0.98</sub> Ga <sub>0.02</sub> )O <sub>3</sub> -0.4BaTiO <sub>3</sub> . Heliyon, 2019, 5, e01654.	1.4	57
17	Structural and electrical properties of La-modified BiFeO <sub>3</sub> â€ BaTiO <sub>3</sub> composites. Journal of Materials Science: Materials in Electronics, 2014, 25, 2086-2095.	1.1	51
18	Effect of Gd-substitution on phase transition and conduction mechanism of BiFeO <sub>3</sub> . Journal of Materials Science: Materials in Electronics, 2013, 24, 2767-2771.	1.1	50

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19	Structural, dielectric and electrical properties of ACu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> (A = Ca, Sr and Ba). Journal of Materials Science, 2002, 37, 5177-5182.	1.7	48
20	Effect of Sm-substitution on structural, electrical and magnetic properties of BiFeO <sub>3</sub> . Electronic Materials Letters, 2014, 10, 165-172.	1.0	46
21	Structural, dielectric and impedance characteristics of lanthanum-modified BiFeO <sub>3</sub> -PbTiO <sub>3</sub> electronic system. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	46
22	Ferroelectric phase transition in Ba <sub>5</sub> R <sub>Ti</sub> 3Nb <sub>7</sub> O <sub>30</sub> [R=Nd, Eu, Gd] ceramics. Bulletin of Materials Science, 1999, 22, 975-979.	0.8	45
23	Dielectric and impedance spectroscopy of Ni doped BiFeO <sub>3</sub> -BaTiO <sub>3</sub> electronic system. Journal of Materials Science: Materials in Electronics, 2016, 27, 10099-10105.	1.1	44
24	Structural, dielectric, impedance and modulus spectroscopy of Bi <sub>2</sub> NdTiVO <sub>9</sub> ferroelectric ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 17344-17353.	1.1	44
25	Impedance spectroscopic studies of ferroelectric Pb <sub>2</sub> Sb <sub>3</sub> DyTi <sub>5</sub> O <sub>18</sub> ceramic. Advances in Applied Ceramics, 2005, 104, 294-299.	0.6	43
26	Impedance characteristics of Pb <sub>2</sub> (Fe <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> -BiFeO <sub>3</sub> composites. Physica Status Solidi (B): Basic Research, 2007, 244, 2254-2266.	0.7	43
27	Structural, electrical and magnetic characteristics of Ni/Ti modified BiFeO <sub>3</sub> lead free multiferroic material. Journal of Materials Science: Materials in Electronics, 2017, 28, 6673-6684.	1.1	41
28	Structural and Electrical Properties of Mechanothermally Synthesized NiFe <sub>2</sub> O <sub>4</sub> Nanoceramics. Journal of Electronic Materials, 2014, 43, 3539-3549.	1.0	40
29	Dielectric relaxation and magneto-electric characteristics of lead-free double perovskite: Sm <sub>2</sub> NiMnO <sub>6</sub> . Journal of Advanced Ceramics, 2019, 8, 174-185.	8.9	40
30	Preparation method and cerium dopant effects on the properties of BaMnO <sub>3</sub> single perovskite. Phase Transitions, 2020, 93, 981-991.	0.6	38
31	Effect of Mn <sup>4+</sup> substitution on thermal, structural, dielectric and impedance properties of lead titanate. Journal of Materials Science: Materials in Electronics, 2009, 20, 745-755.	1.1	36
32	Structural, electrical and magneto-electric characteristics of complex multiferroic perovskite Bi <sub>0.5</sub> Pb <sub>0.5</sub> Fe <sub>0.5</sub> Ce <sub>0.5</sub> O <sub>3</sub> . Journal of Materials Science: Materials in Electronics, 2016, 27, 11211-11219.	1.1	35
33	Dielectric relaxation and impedance analysis of ferroelectric double perovskite Pb <sub>2</sub> BiNbO <sub>6</sub> . Journal of Materials Science: Materials in Electronics, 2017, 28, 1824-1831.	1.1	35
34	X-ray, scanning electron microscopic and dielectric properties of ferroelectric Ba <sub>2</sub> Na <sub>3</sub> RNb <sub>10</sub> O <sub>30</sub> (R=La) Tj ETQq0 0 0 rgBT /Overlock 10	0.58	34
35	Diffuse phase transitions in Li modified PLZT ceramics. Phase Transitions, 1997, 62, 119-133.	0.6	34
36	Structural, dielectric and electrical properties of the Ba <sub>2</sub> BiNbO <sub>6</sub> double perovskite. Journal of Materials Science: Materials in Electronics, 2015, 26, 3797-3804.	1.1	34

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37	Structural, Ferroelectric, and Electrical Properties of NiTiO <sub>3</sub> Ceramic. Journal of Electronic Materials, 2015, 44, 271-280.	1.0	34
38	Effect of plasticizer on microstructure and electrical properties of a sodium ion conducting composite polymer electrolyte. Ionics, 2005, 11, 95-102.	1.2	33
39	A comparative study of structural, electrical and magnetic properties rare-earth (Dy and Nd)-modified BiFeO <sub>3</sub> . Journal of Materials Science: Materials in Electronics, 2014, 25, 3854-3861.	1.1	32
40	Studies of structural, dielectric and impedance properties of Bi <sub>9</sub> Fe <sub>5</sub> Ti <sub>3</sub> O <sub>27</sub> ceramics. Journal of Electroceramics, 2008, 20, 119-126.	0.8	31
41	Impedance spectroscopy of Ba <sub>3</sub> Sr <sub>2</sub> DyTi <sub>3</sub> V <sub>7</sub> O <sub>30</sub> ceramic. Bulletin of Materials Science, 2010, 33, 129-134.	0.8	31
42	Dielectric and electrical properties of Na <sub>2</sub> Pb <sub>2</sub> La <sub>2</sub> W <sub>2</sub> Ti <sub>4</sub> Ta <sub>4</sub> O <sub>30</sub> electroceramics. Journal of Advanced Ceramics, 2012, 1, 232-240.	8.9	31
43	Study of electrical properties of La <sup>3+</sup> /Mn <sup>4+</sup> -modified PbTiO <sub>3</sub> nanoceramics. Journal of Materials Science, 2012, 47, 5074-5085.	1.7	31
44	Structural, dielectric and magnetic characteristics of Bi(Ni <sub>0.25</sub> Ti <sub>0.25</sub> Fe <sub>0.50</sub> )O <sub>3</sub> ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 1209-1216.	1.1	31
45	Effect of cerium oxide addition on optical, electrical and dielectric characteristics of (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> ceramics. JPhys Materials, 2018, 1, 015007.	1.8	31
46	Studies of structural, impedance spectroscopy and magnetoelectric properties of (SmLi) <sub>1/2</sub> (Fe <sub>2/3</sub> Mo <sub>1/3</sub> )O <sub>3</sub> electroceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 12251-12257.	1.1	31
47	Structural and electrical properties of Ba <sub>5</sub> R <sub>2</sub> Ti <sub>3</sub> Nb <sub>7</sub> O <sub>30</sub> [R = Eu, Gd] ceramics. Journal of Materials Science Letters, 1999, 18, 1579-1581.	0.5	30
48	Effect of Zr <sup>4+</sup> ion substitution on the structural, dielectric and electrical properties of Sr <sub>5</sub> LaTi <sub>3</sub> Nb <sub>7</sub> O <sub>30</sub> ceramics. Journal of Materials Science, 2004, 39, 1765-1771.	1.7	30
49	Impedance spectroscopy studies on Ga-ion-modified PLZT ceramics. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, 1172-1181.	0.8	30
50	Relaxor characteristics of Pb(Fe <sub>2</sub> W <sub>1</sub> ) <sub>3</sub> O <sub>3</sub> BiFeO <sub>3</sub> solid solution prepared by mechano-synthesis route. Journal of Applied Physics, 2006, 100, 084105.	1.1	30
51	A neutron diffraction study of the structure of PbHPO <sub>4</sub> in its ferroelectric phase at room temperature. Ferroelectrics, 1978, 21, 467-468.	0.3	29
52	Structural, dielectric and electrical properties of dysprosium based new complex electroceramics. Journal of Materials Science: Materials in Electronics, 2012, 23, 1688-1697.	1.1	29
53	Dielectric relaxation behavior of conducting carbon black reinforced ethylene acrylic elastomer vulcanizates. Journal of Applied Polymer Science, 2012, 124, 678-688.	1.3	29
54	Development of multiferroic polymer nanocomposite from PVDF and (Bi <sub>0.5</sub> Ba <sub>0.25</sub> Sr <sub>0.25</sub> )(Fe <sub>0.5</sub> Ti <sub>0.5</sub> )O <sub>3</sub> . Journal of Materials Science: Materials in Electronics, 2017, 28, 2586-2597.	1.1	29

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55	Structural and electrical properties of Bi(Mg <sub>0.5</sub> Ti <sub>0.5</sub> )O <sub>3</sub> ceramic. Journal of Materials Science: Materials in Electronics, 2018, 29, 5224-5232.	1.1	29
56	Multiferroic and conduction characteristics of (Bi <sub>0.5</sub> Ba <sub>0.5</sub> ) (Fe <sub>0.5</sub> Ti <sub>0.5</sub> ) O <sub>3</sub> solid solution. Journal of Materials Science: Materials in Electronics, 2016, 27, 9015-9021.	1.1	28
57	Structural and electrical characteristics of (Co, Ti) modified BiFeO <sub>3</sub> . Journal of Materials Science: Materials in Electronics, 2016, 27, 7115-7123.	1.1	28
58	Complex impedance properties of LiSr <sub>2</sub> Nb <sub>5</sub> O <sub>15</sub> ceramic. Journal of Advanced Ceramics, 2012, 1, 221-226.	8.9	27
59	Electrical properties of Na <sub>2</sub> Pb <sub>2</sub> R <sub>2</sub> W <sub>2</sub> Ti <sub>4</sub> V <sub>4</sub> O <sub>30</sub> (R = Dy, Pr) ceramics. Journal of Advanced Ceramics, 2013, 2, 112-118.	8.9	27
60	Dielectric and Electrical Properties of the Double Perovskite PbBaBiNbO <sub>6</sub> . Journal of Electronic Materials, 2015, 44, 4275-4282.	1.0	27
61	Dielectric and impedance spectroscopy of (Ba, Sm)(Ti, Fe)O <sub>3</sub> system in the low-medium frequency range. Journal of Materials Science: Materials in Electronics, 2015, 26, 6572-6584.	1.1	27
62	Modification of Relaxor and Impedance Spectroscopy Properties of Lead Magnesium Niobate by Bismuth Ferrite. Journal of Electronic Materials, 2017, 46, 1637-1649.	1.0	27
63	Capacitive, resistive and conducting characteristics of bismuth ferrite and lead magnesium niobate based relaxor electronic system. Journal of Materials Science: Materials in Electronics, 2017, 28, 18913-18928.	1.1	27
64	Structural, morphological, dielectric and impedance spectroscopy of lead-free Bi(Zn <sub>2/3</sub> Ta <sub>1/3</sub> )O <sub>3</sub> electronic material. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	27
65	Dielectric and Impedance Characteristics of Nickel-Modified BiFeO <sub>3</sub> -BaTiO <sub>3</sub> Electronic Compound. Journal of Electronic Materials, 2018, 47, 843-854.	1.0	27
66	Phase transition in sol-gel-derived Na-modified PLZT ceramics. Journal Physics D: Applied Physics, 1999, 32, 1539-1547.	1.3	26
67	Structural and dielectric studies of GdAsO <sub>4</sub> . Journal of Materials Science Letters, 1990, 9, 394-396.	0.5	25
68	Characterizations of sol-gel grown (PbLaLi)(Zr <sub>0.60</sub> Ti <sub>0.40</sub> )O <sub>3</sub> . Journal of Applied Physics, 1999, 85, 1713-1721.	1.1	25
69	Study of Ferroelectric Phase Transition in Pb <sub>3</sub> R <sub>3</sub> Ti <sub>5</sub> Nb <sub>5</sub> O <sub>30</sub> (R = Rare Earth Ion) Ceramics. Ferroelectrics, 2005, 325, 7-14.	0.3	25
70	Effect of plasticizer on structural and electrical properties of nanocomposite solid polymer electrolytes. Ionics, 2011, 17, 127-134.	1.2	25
71	Studies of structural, electrical, and excitation performance of electronic material: europium substituted 0.9(Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> )â€“0.1(PbZr <sub>0.48</sub> Ti <sub>0.52</sub> O <sub>3</sub> ). Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	25
72	Structure and ferroelectric properties of lead nickel tungsten titanate: Pb(Ni <sub>1/3</sub> ) <sub>Tj</sub> ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	0.3	25

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73	Fabrication and electrical characterization of (Bi <sub>0.49</sub> Na <sub>0.49</sub> Ba <sub>0.02</sub> )TiO <sub>3</sub> -PVDF thin film composites. Journal of Polymer Research, 2019, 26, 1.	1.2	25
74	Structural, bulk permittivity and impedance spectra of electronic material: Bi(Fe <sub>0.5</sub> La <sub>0.5</sub> )O <sub>3</sub> . Journal of Materials Science: Materials in Electronics, 2019, 30, 1919-1926.	1.1	25
75	Effect of doping Ca ions on structural and electrical properties of Ba(Zr <sub>0.05</sub> Ti <sub>0.95</sub> )O <sub>3</sub> electroceramics. Journal of Materials Science: Materials in Electronics, 2004, 15, 671-675.	1.1	24
76	Microstructural aspects for defect emission and E <sub>2</sub> high phonon mode of ZnO thin films. Journal of Applied Physics, 2009, 105, .	1.1	24
77	Structural and impedance properties of Ba <sub>5</sub> DyTi <sub>3</sub> V <sub>7</sub> O <sub>30</sub> . Journal of Materials Science: Materials in Electronics, 2009, 20, 565-570.	1.1	24
78	Dielectric and impedance characteristics of Ba(Bi <sub>0.5</sub> Nb <sub>0.5</sub> )O <sub>3</sub> ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 2043-2051.	1.1	24
79	Structural, electrical, optical and magneto-electric characteristics of chemically synthesized CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> dielectric ceramics. Materials Research Express, 2017, 4, 076302.	0.8	24
80	Dielectric and impedance characteristics of Bi(Zn <sub>2/3</sub> Nb <sub>1/3</sub> )O <sub>3</sub> electronic material. Journal of Materials Science: Materials in Electronics, 2017, 28, 15928-15935.	1.1	24
81	Temperature and frequency dependent dielectric and impedance characteristics of double perovskite Bi <sub>2</sub> MnCoO <sub>6</sub> electronic material. Journal of Materials Science: Materials in Electronics, 2018, 29, 4770-4776.	1.1	24
82	Effect of montmorillonite filler on structural and electrical properties of polymer nanocomposite electrolytes. Ionics, 2009, 15, 345-352.	1.2	23
83	Development of ilmenite-type electronic material CdTiO <sub>3</sub> for devices. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 3521-3528.	1.8	23
84	Dielectric behavior of manganese titanate in the paraelectric phase. Applied Physics A: Materials Science and Processing, 2015, 121, 707-714.	1.1	23
85	Study of effect of Dy substitution on structural, dielectric, impedance and magnetic properties of bismuth ferrite. Journal of Materials Science: Materials in Electronics, 2020, 31, 10006-10017.	1.1	23
86	Diffuse phase transition in Na, Li and Bi modified PLZT ceramics. Ferroelectrics, 1993, 141, 227-234.	0.3	22
87	Dielectric dispersion and impedance spectroscopy of yttrium doped BiFeO <sub>3</sub> -PbTiO <sub>3</sub> electronic system. Journal of Materials Science: Materials in Electronics, 2017, 28, 9627-9633.	1.1	22
88	Dielectric, impedance and modulus spectroscopy of BaBi <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> . Journal of Electroceramics, 2018, 40, 338-346.	0.8	22
89	Structural and electrical characteristics of barium modified bismuth-sodium titanate (Bi <sub>0.49</sub> Na <sub>0.49</sub> Ba <sub>0.02</sub> )TiO <sub>3</sub> . Journal of Materials Science: Materials in Electronics, 2018, 29, 1463-1472.	1.1	22
90	TbFeO <sub>3</sub> Ceramic: An Exciting Colossal Dielectric with Ferroelectric Properties. Physica Status Solidi (B): Basic Research, 2020, 257, 1900236.	0.7	22

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91	Impedance analysis of Pb <sub>2</sub> Sb <sub>3</sub> LaTi <sub>5</sub> O <sub>18</sub> ceramic. Bulletin of Materials Science, 2004, 27, 547-553.	0.8	21
92	Effect of Praseodymium on Electrical Properties of BiFeO <sub>3</sub> Multiferroic. Journal of Electronic Materials, 2014, 43, 470-478.	1.0	21
93	Development of Ni-Ferrite-Based PVDF Nanomultiferroics. Journal of Electronic Materials, 2017, 46, 6009-6022.	1.0	21
94	Complex impedance analysis of layered perovskite structure electroceramics NaDyTiO <sub>4</sub> . Journal of Materials Science, 2005, 40, 5419-5425.	1.7	20
95	Structural evolution and visible photoluminescence of ZnO nanophosphor. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 535-539.	0.8	20
96	Visco-elastic and dielectric relaxation behavior of multiwalled carbon-nanotube reinforced silicon elastomer nanocomposites. Journal of Polymer Research, 2014, 21, 1.	1.2	20
97	Size effect on electrical and magnetic properties of mechanically alloyed CoFe <sub>2</sub> O <sub>4</sub> nanoferrite. Journal of Materials Science: Materials in Electronics, 2015, 26, 2343-2356.	1.1	20
98	Electrical and dielectric properties of bismuth holmium cobalt titanate (BiHoCoTiO <sub>6</sub> ): a complex double perovskite. Journal of Materials Science: Materials in Electronics, 2018, 29, 3682-3689.	1.1	20
99	Structural, electrical and dielectric characteristics of strontium-modified CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> . SN Applied Sciences, 2019, 1, 1.	1.5	20
100	Low frequency dielectric response of mechano-synthesized (Pb <sub>0.9</sub> Ba <sub>0.1</sub> )(Fe <sub>0.5</sub> Nb <sub>0.5</sub> )O <sub>3</sub> nanoceramics. Applied Physics Letters, 2006, 89, 172901.	1.5	19
101	Structural and electrical properties of BiFeO <sub>3</sub> -PbTiO <sub>3</sub> system. Journal of Materials Science: Materials in Electronics, 2015, 26, 4069-4077.	1.1	19
102	Studies of structural, dielectric relaxation and impedance spectroscopy of lead-free double perovskite: Dy <sub>2</sub> NiMnO <sub>6</sub> . Journal of Materials Science: Materials in Electronics, 2018, 29, 19099-19110.	1.1	19
103	Structural, Dielectric and Electrical Characteristics of Lead-Free Ferroelectric Ceramic: Bi <sub>2</sub> SmTiVO <sub>9</sub> . Journal of Electronic Materials, 2018, 47, 5458-5467.	1.0	19
104	A structural study of CsH <sub>2</sub> PO <sub>4</sub> in the paraelectric phase. Ferroelectrics, 1978, 21, 443-444.	0.3	18
105	Structural and dielectric properties of Pb(Li <sub>0.25</sub> Nd <sub>0.25</sub> W <sub>0.5</sub> )O <sub>3</sub> . Journal of Materials Science Letters, 1995, 14, 568-570.	0.5	18
106	Electrical characterisation of Pb <sub>2</sub> Bi <sub>3</sub> SmTi <sub>5</sub> O <sub>18</sub> ceramic using impedance spectroscopy. Advances in Applied Ceramics, 2006, 105, 258-264.	0.6	18
107	Enhancement of dielectric and electrical properties of NaNbO <sub>3</sub> -modified BiFeO <sub>3</sub> . Journal of Materials Science: Materials in Electronics, 2013, 24, 3315-3323.	1.1	18
108	Ferroelectric and pyroelectric properties of rare earth based tungsten bronze compounds. Journal of Materials Science: Materials in Electronics, 2013, 24, 305-316.	1.1	18

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109	Structural and electrical properties of lead reduced lanthanum modified BiFeO <sub>3</sub> –PbTiO <sub>3</sub> solid solution. Journal of Materials Science: Materials in Electronics, 2017, 28, 1186-1198.	1.1	18
110	Structural and electrical properties of 0.7(BiSm <sub>x</sub> Fe <sub>1-x</sub> O <sub>3</sub> )–0.3(PbTiO <sub>3</sub> ) composites. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	18
111	Structural, dielectric, impedance and modulus spectroscopy of BiLa <sub>2</sub> TiVO <sub>9</sub> ceramic. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	18
112	Phase transition in Li <sub>2</sub> WO <sub>4</sub> . Ferroelectrics, 1999, 234, 129-137.	0.3	17
113	Size effect of Pb <sub>0.92</sub> Nd <sub>0.08</sub> (Zr <sub>0.53</sub> Ti <sub>0.47</sub> ) <sub>0.98</sub> O <sub>3</sub> nanoceramic synthesized by high-energy ball milling. Journal of Applied Physics, 2005, 98, 104305.	1.1	17
114	Characterization of electrical behaviour of Si modified BaSnO <sub>3</sub> electroceramics using impedance analysis. Journal of Materials Science, 2007, 42, 2476-2485.	1.7	17
115	Dielectric relaxation in complex perovskite Ba(Bi <sub>1/2</sub> Ta <sub>1/2</sub> )O <sub>3</sub> . Journal of Materials Science: Materials in Electronics, 2012, 23, 185-192.	1.1	17
116	Structural, Dielectric, and Electrical Properties of BiFeWO <sub>6</sub> Ceramic. Journal of Electronic Materials, 2014, 43, 732-739.	1.0	17
117	Development of Multiferroism in PVDF with CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles. Journal of Polymer Research, 2017, 24, 1.	1.2	17
118	Structural, electrical and dielectric properties of double perovskites: BiHoZnZrO <sub>6</sub> and BiHoCuTiO <sub>6</sub> . Journal of Materials Science: Materials in Electronics, 2018, 29, 6805-6816.	1.1	17
119	Structural, SEM and dielectric properties of PLZT. Journal of Materials Science, 1992, 27, 5244-5246.	1.7	17
120	Structural, SEM and dielectric properties of PLZT. Journal of Materials Science, 1992, 27, 5244-5246.	1.7	16
121	Studies on polycrystalline layered ceramic oxide: LiFeVO <sub>4</sub> . Advances in Applied Ceramics, 2006, 105, 140-147.	0.6	16
122	Dielectric and impedance properties of Nd <sub>3/2</sub> Bi <sub>3/2</sub> Fe <sub>5</sub> O <sub>12</sub> ceramics. Journal of Materials Science: Materials in Electronics, 2009, 20, 872-878.	1.1	16
123	Bulk permittivity, low frequency relaxation and the magnetic properties of Pb(Fe <sub>1/2</sub> Nb <sub>1/2</sub> )O <sub>3</sub> ceramics. Journal of Physics Condensed Matter, 2010, 22, 025901.	0.7	16
124	Dielectric and pyroelectric properties of niobium based complex tungsten bronze ferroelectrics. Journal of Materials Science: Materials in Electronics, 2013, 24, 799-806.	1.1	16
125	Dielectric and Impedance Spectroscopy of Barium Bismuth Vanadate Ferroelectrics. Journal of Electronic Materials, 2014, 43, 2621-2630.	1.0	16
126	Structural and electrical properties of Bi <sub>5</sub> Ti <sub>3</sub> FeO <sub>15</sub> ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 1348-1353.	1.1	16



#	ARTICLE	IF	CITATIONS
127	Diffused phase transitions in Pb(Zr <sub>0.65</sub> Ti <sub>0.35</sub> )O <sub>3</sub> -Pb(Fe <sub>2/3</sub> W <sub>1/3</sub> )O <sub>3</sub> multiferroics. Journal of Applied Physics, 2015, 117, .	1.1	16
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129	Effect of Gd on dielectric and piezoelectric properties of lead zirconate titanate ferroelectric ceramics. Ferroelectrics, 2018, 524, 14-29.	0.3	16
130	Structural, electrical, and leakage-current characteristics of double perovskite: Sm <sub>2</sub> CoMnO <sub>6</sub> . Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	16
131	Influence of compositional variation on structural, electrical and magnetic characteristics of (Ba <sub>1-x</sub> Gd <sub>x</sub> )(Ti <sub>1-x</sub> Fe <sub>x</sub> )O <sub>3</sub> (0.2) Tj ETQq <sub>0.8</sub> 0.7843 <sub>0.4</sub> rgBT	1.1	16
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133	Structural and electrical properties of Sr <sub>3</sub> V <sub>2</sub> O <sub>8</sub> ceramics. Physica Status Solidi (B): Basic Research, 2009, 246, 1118-1123.	0.7	15
134	Structural and electrical characteristics of Bi <sub>2</sub> YTiVO <sub>9</sub> ceramic. Materials Research Express, 2018, 5, 045905.	0.8	15
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