

Dorota Sitko

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural, thermal and dielectric properties of Ba _{1-x} Sr _x TiO ₃ ceramics ($x=0, 0.1$ and 0.2). Phase Transitions, 2022, 95, 156-162.	1.3	0
2	Electrical transport in lead-free Na _{0.5} Bi _{0.5} TiO ₃ ceramics. Journal of Advanced Ceramics, 2021, 10, 152-165.	17.4	19
3	The electrocaloric effect in BaTiO ₃ :Eu ceramics determined by an indirect method. Phase Transitions, 2021, 94, 192-198.	1.3	5
4	Electric properties of Mn-substituted Na _{0.5} Bi _{0.5} TiO ₃ ceramics in unpoled and poled states. Phase Transitions, 2020, 93, 1114-1122.	1.3	1
5	Electric properties of Fe-doped Na _{0.5} Bi _{0.5} TiO ₃ ceramics in unpoled and poled state. Phase Transitions, 2020, 93, 877-882.	1.3	2
6	Effect of Cu doping on Ba _{0.95} Pb _{0.05} TiO ₃ electrical properties studied by means of electrical impedance spectroscopy. Integrated Ferroelectrics, 2019, 196, 78-86.	0.7	0
7	Electric behaviour of soft and hard lead zirconate titanate ceramics under electromechanical loading. Phase Transitions, 2019, 92, 475-485.	1.3	2
8	Thermal conductivity of (1-x)BaTiO ₃ -xPb(Zn _{1/3} Nb _{2/3})O ₃ ceramics (x = 0, 0.025), Tj ETQ 0 0 rgBT /Overlo	0.6	5
9	Ferroelectric, dielectric and optic properties of Mn and Cr-doped Na _{0.5} Bi _{0.5} TiO ₃ single crystals. Ferroelectrics, 2018, 532, 38-49.	0.6	5
10	Isothermal depolarization currents of Na _{0.5} Bi _{0.5} TiO ₃ ceramics. Phase Transitions, 2018, 91, 1060-1066.	1.3	2
11	Physical properties and microstructure characteristics of (1-x)BaTiO ₃ -xCaTiO ₃ systems. Phase Transitions, 2018, 91, 1044-1050.	1.3	1
12	Effect of uniaxial stress on the dielectric properties of BaTiO ₃ +0.1wt.%Eu ₂ O ₃ ceramics. Phase Transitions, 2017, 90, 72-77.	1.3	2
13	Thermal properties of NBT-BT systems. Phase Transitions, 2017, 90, 818-823.	1.3	6
14	The effects of PbZn _{1/3} Nb _{2/3} O ₃ -doping on structural, thermal, optical, dielectric, and ferroelectric properties of BaTiO ₃ ceramics. Journal of Applied Physics, 2017, 122, 124105.	2.5	3
15	Thermal, Raman, dielectric and ferroelectric properties of 0.975BaTiO ₃ -0.025Pb(Zn _{1/3} Nb _{2/3})O ₃ ceramic. Ferroelectrics, 2017, 511, 69-75.	0.6	0
16	The electromechanical behavior of europium doped BaTiO ₃ . Journal of Alloys and Compounds, 2017, 724, 703-710.	5.5	14
17	Electrical transport in low-lead (1-x)BaTiO ₃ -xPbMg _{1/3} Nb _{2/3} O ₃ ceramics. Journal of Advanced Ceramics, 2017, 6, 207-219.	17.4	7
18	The effects of the additive of Eu ions on elastic and electric properties of BaTiO ₃ ceramics. Integrated Ferroelectrics, 2016, 173, 31-37.	0.7	11

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19	Investigation of mechanical and electrical properties of Li doped sodium niobate ceramic system. Integrated Ferroelectrics, 2016, 173, 46-52.	0.7	4
20	Dielectric, thermal and Raman spectroscopy studies of lead-free $(\text{Na}_{0.5}\text{Bi}_{0.5})_{1-x}\text{Sr}_x\text{TiO}_3$ ($x = 0, 0.04$ and) Tj ETQq0,0 0 rgBT /Overlock	1.3	4
21	Dielectric, thermal and ferroelectric properties of $0.92\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3\text{-}0.08\text{PbTiO}_3$ and $0.4\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3\text{-}0.6\text{PbTiO}_3$ ceramics. Ferroelectrics, 2016, 497, 79-84.	0.6	0
22	Raman and dielectric studies of $0.95\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3\text{-}0.05\text{PbTiO}_3$ ceramic. Integrated Ferroelectrics, 2016, 173, 19-23.	0.7	2
23	Uniaxial stress dependence of the dielectric properties of barium titanate single crystals. Phase Transitions, 2016, 89, 986-995.	1.3	0
24	Thermal, Raman and dielectric study of $0.5\text{K}_{0.5}\text{Bi}_{0.5}\text{TiO}_3\text{-}0.5\text{PbTiO}_3$ ceramics. Phase Transitions, 2015, 88, 662-667.	1.3	5
25	Composition-related structural, thermal and mechanical properties of $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$ ceramics ($0 \leq x \leq 1$) Tj ETQq1,1 0.784314 rgBT /	1.3	4
26	Electrical Characterization of the Fe-Doped BT Ceramics by an Impedance Spectroscopy. Ferroelectrics, 2015, 486, 8-12.	0.6	9
27	Study of the Dielectric Properties of Europium Doped Barium Titanate Ceramics by an Impedance Spectroscopy. Ferroelectrics, 2015, 485, 58-62.	0.6	7
28	$\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$ -doping effects on structural, thermal, Raman, dielectric and ferroelectric properties of BaTiO_3 ceramics. Journal of the European Ceramic Society, 2015, 35, 1777-1783.	5.7	19
29	Raman spectroscopy, dielectric properties and phase transitions of $\text{Ag}_{0.96}\text{Li}_{0.04}\text{NbO}_3$ ceramics. Materials Research Bulletin, 2015, 65, 123-131.	5.2	11
30	Thermal, dielectric and ferroelectric properties of $0.925\text{BaTiO}_3\text{-}0.075\text{Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$ ceramic. Phase Transitions, 2015, 88, 776-785.	1.3	0
31	Dielectric and ferroelectric properties of $0.82\text{K}_{0.5}\text{Bi}_{0.5}\text{TiO}_3\text{-}0.18\text{PbTiO}_3$ ceramic: effect of uniaxial pressure. Phase Transitions, 2015, 88, 811-816.	1.3	1
32	SrTiO_3 and Pr Effects on Structural, Dielectric and Ferroelectric Properties of $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ Ceramic. Ferroelectrics, 2015, 485, 136-142.	0.6	1
33	Uniaxial Pressure Effect on Dielectric Properties of $0.7\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3\text{-}0.3\text{SrTiO}_3$ Ceramics. Ferroelectrics, 2014, 464, 94-100.	0.6	3
34	Effect of Variable Valence Ion Doping on the Dielectric Properties of BaTiO_3 -Based Materials. Ferroelectrics, 2014, 464, 35-41.	0.6	6
35	Dielectric spectroscopy study of barium titanate ceramics doped with europium ions. Phase Transitions, 2014, 87, 1002-1010.	1.3	9
36	Comparison of the Influences of a Perpendicular and Parallel Uniaxial Stress on the Dielectric and Ferroelectric Properties of Fe Doped BaTiO_3 Ceramics. Ferroelectrics, 2014, 463, 114-122.	0.6	2

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37	Structural, thermal, dielectric and ferroelectric properties of $\text{Na}_{0.5}\text{K}_{0.5}\text{NbO}_3$ and $\text{Na}_{0.5}\text{K}_{0.5}\text{NbO}_3 + 0.5\text{mol}\%\text{MnO}_2$ ceramics. Phase Transitions, 2014, 87, 992-1001.	1.3	1
38	Dielectric, thermal and ferroelectric properties of $\text{Na}_{0.997}\text{Li}_{0.003}\text{NbO}_3$ ceramics. Phase Transitions, 2014, 87, 973-981.	1.3	0
39	Pressure Effect on Dielectric Properties of $0.2\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3 \cdot 0.8\text{BaTiO}_3$ Ceramics. Ferroelectrics, 2014, 464, 21-26.	0.6	0
40	Influence of uniaxial pressure and aging on dielectric and ferroelectric properties of BaTiO_3 ceramics. Phase Transitions, 2013, 86, 893-902.	1.3	3
41	Dielectric properties of BaTiO_3 based materials with addition of transition metal ions with variable valence. IOP Conference Series: Materials Science and Engineering, 2013, 49, 012050.	0.6	11
42	Effect of MnO_2 doping on the dielectric properties of barium titanate ceramics. Ukrainian Journal of Physical Optics, 2012, 13, S34.	13.0	6
43	The Electrical Properties of $\text{Ba}_{1-y}\text{Sr}_y\text{Zr}_x\text{Ti}_{1-x}\text{O}_3$ Solid Solution. Ferroelectrics, 2011, 424, 36-41.	0.6	14
44	Characterization of Dielectric Anomaly in Solid Solution Based on BaTiO_3 . Ferroelectrics, 2011, 424, 42-47.	0.6	5
45	Effect of Zr^{4+} Doping on the Electrical Properties of BaTiO_3 Ceramics. Ferroelectrics, 2011, 417, 118-123.	0.6	22
46	Influence of combined external stress and electric field on electric properties of 0.5% Fe-doped lead zirconate titanate ceramics. Journal of Applied Physics, 2009, 106, 094109.	2.5	4
47	Hyperfine interactions on iron in $\text{R}_2\text{Fe}_{14+2x}\text{Si}_3$ (R=Ce, Nd, Gd, Dy, Ho, Er, Lu, Y) compounds studied by Mössbauer spectroscopy. Journal of Alloys and Compounds, 2008, 466, 45-51.	5.5	2
48	Synthesis, microstructure and dielectric properties of $(1-x)\text{PSN}_x\text{PLuN}$. Phase Transitions, 2008, 81, 1065-1071.	1.3	0
49	Electric properties of soft PZT ceramics under combined electric and mechanic fields. Journal of Applied Physics, 2008, 104, .	2.5	11
50	Spin reorientation in the $\text{Er}_2\text{Fe}_{14+2x}\text{Si}_3$ single crystal studied by the Fe^{57} Mössbauer spectroscopy and magnetic measurements. Journal of Applied Physics, 2008, 103, 123910.	2.5	8
51	Influence of Unaxial Pressure on Electric Properties of $(1-x)\text{PSN}_x\text{PLuN}$ Solid Solutions ($0.75 \leq x \leq 1$). Ferroelectrics, 2007, 361, 65-76.	0.6	0
52	Surface Investigations of Selected Materials by Low-Energy Ion Scattering Technique. Acta Physica Polonica A, 2007, 111, 763-771.	0.5	4
53	The surface metal-insulator phase transition of MBE (1 0 0) magnetite thin film. Vacuum, 2001, 63, 349-354.	3.5	3
54	The surface insulator-metallic phase transition of epitaxial magnetite thin film observed by low-energy ion scattering. Nuclear Instruments & Methods in Physics Research B, 2000, 164-165, 992-998.	1.4	8

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55	Ion scattering from the single-crystal magnetite Fe ₃ O ₄ under the Verwey transition. Vacuum, 1999, 54, 83-87.	3.5	5
56	Multiple scattering in the interaction of low energy ions with a cold Zn(0001) surface covered by condensed carbon dioxide. Nuclear Instruments & Methods in Physics Research B, 1996, 115, 200-205.	1.4	1
57	Multiple nondissociative scattering of molecules and multiple scattering of ions from a cold metal surface covered with krypton film. Nuclear Instruments & Methods in Physics Research B, 1995, 95, 166-170.	1.4	4
58	Multiple scattering in the interaction of low energy ions with a cold Au surface covered by a film of condensed argon. Surface Science, 1995, 336, 199-204.	1.9	7
59	Relation between delayed luminescence and functional state in soya seeds. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1994, 16, 65-73.	0.4	26
60	The influence of environmental factors on the ultraweak luminescence from yeast Saccharomyces cerevisiae. Journal of Electroanalytical Chemistry, 1992, 342, 57-61.	3.8	1
61	The influence of environmental factors on the ultraweak luminescence from yeast Saccharomyces cerevisiae. Bioelectrochemistry, 1992, 27, 57-61.	1.0	6
62	Stress-induced photon emission from perturbed organisms. Experientia, 1992, 48, 1041-1058.	1.2	41
63	Effects of Sr dopant and electric field poling on structural, thermal and dielectric properties of Ba _{1-x} Sr _x TiO ₃ ceramics (x=0, 0.3, 0.4 and 0.5). Phase Transitions, 0, , 1-10.		1