

Robertas Grigalaitis

List of Publications by Year in descending order

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75
papers

651
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687363

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22
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81
docs citations

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769
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#	ARTICLE	IF	CITATIONS
1	Dielectric and magnetic properties of BaTiO ₃ ∕ NiFe ₂ O ₄ multiferroic composites. <i>Ceramics International</i> , 2014, 40, 6165-6170.	4.8	88
2	Suppression of phase transitions and glass phase signatures in mixed cation halide perovskites. <i>Nature Communications</i> , 2020, 11, 5103.	12.8	46
3	Magneto-electric properties of xNi _{0.7} Zn _{0.3} Fe ₂ O ₄ ∕ (1-x)BaTiO ₃ multiferroic composites. <i>Ceramics International</i> , 2018, 44, 683-694.	4.8	39
4	La-doped and La/Mn-co-doped Barium Titanate Ceramics. <i>Acta Physica Polonica A</i> , 2013, 124, 155-160.	0.5	35
5	Interdependence between structure and electrical characteristics in Sm-doped barium titanate. <i>Journal of Alloys and Compounds</i> , 2017, 724, 959-968.	5.5	32
6	Broadband dielectric spectroscopy of BaTiO ₃ ∕ Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ composite ceramics. <i>Journal of Alloys and Compounds</i> , 2014, 602, 241-247.	5.5	26
7	High Frequency Measurements of Ferroelectrics and Related Materials in Coaxial Line. <i>Ferroelectrics</i> , 2011, 414, 64-69.	0.6	20
8	Distribution of relaxation times of relaxors: comparison with dipolar glasses. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 2725-2730.	0.8	19
9	Positive influence of Sb doping on properties of di-phase multiferroics based on barium titanate and nickel ferrite. <i>Journal of Alloys and Compounds</i> , 2018, 749, 1043-1053.	5.5	19
10	Dipolar Glass Behaviour in Mixed CuInP ₂ (S _{0.7} Se _{0.3}) ₆ Crystals. <i>Ferroelectrics</i> , 2005, 318, 163-168.	0.6	18
11	PZT ∕ NZF/CF ferrite flexible thick films: Structural, dielectric, ferroelectric, and magnetic characterization. <i>Journal of Advanced Ceramics</i> , 2019, 8, 545-554.	17.4	18
12	Phase Diagram and Cation Dynamics of Mixed MA _{1-x} FA _x PbBr ₃ Hybrid Perovskites. <i>Chemistry of Materials</i> , 2021, 33, 5926-5934.	6.7	16
13	Dielectric and Impedance Spectroscopy of BaSnO ₃ and Ba ₂ SnO ₄ . <i>Ferroelectrics</i> , 2014, 464, 49-58.	0.6	15
14	Broadband dielectric spectra in PbMg _{1/3} Nb _{2/3} O ₃ crystals with chemical order modified by La doping. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	15
15	Dynamics of Polar Clusters in PMN Ceramics: Comparison with PMN Single Crystal. <i>Ferroelectrics</i> , 2006, 340, 147-153.	0.6	14
16	Lead-free BaBi ₄ Ti ₄ O ₁₅ ceramics: Effect of synthesis methods on phase formation and electrical properties. <i>Ceramics International</i> , 2015, 41, 309-316.	4.8	13
17	Low-Frequency Dipolar Dynamics and Atmospheric Effects in ZIF-90 Metal ∕ Organic Framework. <i>Journal of Physical Chemistry C</i> , 2019, 123, 631-636.	3.1	13
18	Coexistence of ferroelectric and relaxor states in Ba ₂ Pr _x Nd _{1-x} FeNb ₄ O ₁₅ . <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2012, 59, 1879-1882.	3.0	11

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19	Broad-band measurements of dielectric permittivity in coaxial line using partially filled circular waveguide. Review of Scientific Instruments, 2020, 91, 035106.	1.3	10
20	Temperature-Induced Structural Transformations in Undoped and Eu ³⁺ -Doped Ruddlesden-Popper Phases Sr ₂ SnO ₄ and Sr ₃ Sn ₂ O ₇ : Relation to the Impedance and Luminescence Behaviors. Inorganic Chemistry, 2019, 58, 11410-11419.	4.0	9
21	Distributions of relaxation times in relaxor ferroelectric Ba(Ti _{0.8}) ₁ Ti _{0.2} Qq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 Td (0.6	0.6	9
22	Dielectric investigation of sodium potassium niobate ceramic doped 7% of antimony. Solid State Ionics, 2012, 225, 667-671.	2.7	8
23	Dielectric Spectroscopy of Water Dynamics in Functionalized UiO-66 Metal-Organic Frameworks. Molecules, 2020, 25, 1962.	3.8	8
24	Dielectric Dispersion in Pure PMN and PMN with 10% PT Single Crystals. Ferroelectrics, 2006, 339, 21-28.	0.6	7
25	Donor-acceptor joint effect in barium titanate systems. Ceramics International, 2015, 41, 11365-11371.	4.8	7
26	Distribution of the relaxation times of the new relaxor 0.4PSN-0.3PMN-0.3PZN ceramics. Journal of the European Ceramic Society, 2005, 25, 2515-2519.	5.7	6
27	Broadband dielectric spectroscopy of PSN ceramics. Journal of the European Ceramic Society, 2007, 27, 4383-4389.	5.7	6
28	Broadband dielectric spectroscopy of PbMg _{1/3} Nb _{2/3} O ₃ -PbSc _{1/2} Nb _{1/2} O ₃ ceramics. Journal of the European Ceramic Society, 2010, 30, 613-616.	5.7	6
29	Dielectric and phonon spectroscopy of Nb-doped Pb(Zr _{1-y} Ti _y)O ₃ -CoFe ₂ O ₄ composites. Journal of Applied Physics, 2017, 121, 214101.	2.5	6
30	Dipolar glass state in BaCe _{0.3} Ti _{0.7} O ₃ perovskite solid solutions. Journal of Alloys and Compounds, 2021, 854, 155755.	5.5	6
31	Dielectric investigations and theoretical calculations of size effect in lead titanate nanocrystals. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2006, 53, 2270-2274.	3.0	5
32	Broadband Dielectric Investigation of Sodium Potassium Niobate Ceramic Doped 8% of Antimony. Ferroelectrics, 2012, 428, 14-19.	0.6	5
33	Determination of the two dimensional distribution of the attempt relaxation times and activation energies from temperature dependence of dielectric dispersion. Open Physics, 2013, 11, .	1.7	5
34	Microstructural influence on the broadband dielectric properties of BaTiO ₃ -Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ core-shell composites: Experiment and modeling. Journal of Applied Physics, 2015, 118, 174106.	2.5	5
35	Broadband dielectric and Mössbauer studies of BaTiO ₃ -NiFe ₂ O ₄ composite multiferroics. Journal of Materials Science: Materials in Electronics, 2015, 26, 9727-9734.	2.2	5
36	Phase Transitions in the Metastable Perovskite Multiferroics BiCrO ₃ and BiCr _{0.9} Sc _{0.1} O ₃ : A Comparative Study. Inorganic Chemistry, 2020, 59, 8727-8735.	4.0	5

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37	0.7Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.3PbTiO ₃ Phosphate Composites: Dielectric and Ferroelectric Properties. <i>Materials</i> , 2021, 14, 5065.	2.9	5
38	Anomalous Broad Distribution of Relaxation Times in Mixed PMN-PSN Ceramics. <i>Ferroelectrics</i> , 2007, 347, 30-36.	0.6	4
39	Soft mode in PMN-PSN ceramics. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 1206-1209.	1.5	4
40	Size effects in a relaxor: further insights into PMN. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 272201.	1.8	4
41	Revisiting the broadband dielectric properties of high- ϵ sensitivity piezoelectric BiScO ₃ -PbTiO ₃ : Size effects. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 2727-2734.	1.5	4
42	Investigation of Dielectric Relaxation Processes in Ba ₂ NdFeNb _{4-x} TaxO ₁₅ Ceramics. <i>Ferroelectrics</i> , 2015, 485, 101-109.	0.6	4
43	Dielectric properties of Bi-substituted LDHs synthesized by co-precipitation and sol-gel methods. <i>Materials Science-Poland</i> , 2019, 37, 190-195.	1.0	4
44	Dielectric Investigations and Theoretical Calculations of Size Effect in Lead Titanate Nanocrystals. <i>Materials Science Forum</i> , 2006, 514-516, 235-239.	0.3	3
45	Broad Distribution of Relaxation Times in 0.6PMN-0.4PZN Relaxor Ceramics. <i>Ferroelectrics</i> , 2007, 353, 3-9.	0.6	3
46	DIELECTRIC BEHAVIOUR OF A NANOGRAIN PMN POWDERS. <i>Integrated Ferroelectrics</i> , 2008, 99, 132-139.	0.7	3
47	Broadband Dielectric Spectroscopy of Ferroelectric Phase Transitions in PbSc _{1/2} Nb _{1/2} O ₃ Ordered Ceramics. <i>Ferroelectrics</i> , 2008, 369, 185-189.	0.6	3
48	Dielectric Investigations of Nanoferroelectric BaTiO ₃ . <i>Ferroelectrics</i> , 2008, 368, 170-176.	0.6	3
49	Dielectric and Pyroelectric Properties of PMN-29PT Single Crystals near MPB. <i>Ferroelectrics</i> , 2015, 479, 29-34.	0.6	3
50	Strain engineering of electrical conductivity in epitaxial thin Ba _{0.7} Sr _{0.3} TiO ₃ film heterostructures. <i>Lithuanian Journal of Physics</i> , 2016, 56, 173-181.	0.4	3
51	Two Dimensional Distribution of Relaxation Times. <i>Ferroelectrics</i> , 2007, 353, 154-163.	0.6	2
52	Dielectric spectroscopy and distribution of relaxation times of PMN-PSN ceramics. <i>Journal of Electroceramics</i> , 2007, 19, 433-435.	2.0	2
53	BROADBAND DIELECTRIC SPECTROSCOPY OF La _{1/3} NbO ₃ CERAMICS. <i>Integrated Ferroelectrics</i> , 2009, 109, 55-60.	0.7	2
54	Dielectric investigation of lead-free perovskite strontium titanate with 25% bismuth ceramics. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 2743-2745.	0.8	2

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55	Simulation of Relaxation Times Distribution for Relaxors using Distribution of Three-Dimensional Ising-Type Clusters. <i>Ferroelectrics</i> , 2011, 415, 40-50.	0.6	2
56	Structure and dielectric properties of $(1-x)Ag_{0.9}Li_{0.1}NbO_3-xBi_{0.5}K_{0.5}TiO_3$ ferroelectric ceramics. <i>Ceramics International</i> , 2014, 40, 9961-9969.	4.8	2
57	Metastable perovskite $Bi_{1-x}La_xFe_{0.5}Sc_{0.5}O_3$ phases in the range of the compositional crossover. <i>Phase Transitions</i> , 2017, 90, 831-839.	0.6	2
58	Electrical properties of PMN-33PT thin film at MPB. <i>Ferroelectrics</i> , 2017, 512, 1-7.	0.6	2
59	Measurements of Complex Dielectric Constant of Ferroelectrics with Six-port Reflectometer in 80-120 GHz Frequency Range. <i>Ferroelectrics</i> , 2008, 367, 229-233.	0.6	1
60	Relaxation Times Obtained From Dynamical Decay Function of 1D and 3D Ising Model. <i>Ferroelectrics</i> , 2009, 378, 63-69.	0.6	1
61	Dipolar Glass-Like Perovskite $Sr_{0.8}Bi_{0.2}TiO_3$ Ceramic. <i>Ferroelectrics</i> , 2010, 400, 434-440.	0.6	1
62	Dielectric Spectroscopy of Relaxors and Dipolar Glasses. <i>Ferroelectrics</i> , 2010, 405, 3-12.	0.6	1
63	The Alternative Expression of Lichtenecker's Logarithmic Mixture Formula and Its Application to the Broadband Dielectric Spectroscopy of $BaTiO_3-Ni_{0.5}Zn_{0.5}Fe_2O_4$ Composites. <i>Ferroelectrics</i> , 2015, 479, 90-97.	0.6	1
64	Chemical strain effects and changed lattice dynamic in $(Sr_{1-1.5x}Bi_x)TiO_3$ ceramics ($x=0.15$). <i>Ferroelectrics</i> , 2016, 497, 24-33.	0.6	1
65	Implementation of an improved non-linear susceptometer. <i>Ferroelectrics</i> , 2017, 513, 32-37.	0.6	1
66	Evidence of Kittel type behaviour of the permittivity of a nanostructured high sensitivity piezoelectric. <i>Journal of Applied Physics</i> , 2018, 123, .	2.5	1
67	Magneto-dielectric characterization of $TiO_2-CoFe_2O_4$ derived ceramic composites. <i>Processing and Application of Ceramics</i> , 2018, 12, 350-356.	0.8	1
68	<title>Dielectric properties of KDP crystal damaged by laser beam</title> . , 2006, 6596, 356.		0
69	Broadband Dielectric Spectroscopy of PSN-Rich PMN-PSN Ceramics. <i>Ferroelectrics</i> , 2008, 369, 190-197.	0.6	0
70	Crystal structure of $Li_2B_4O_7$. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, s167-s168.	0.3	0
71	Dielectric Properties of $0.9Ag_{0.9}Li_{0.1}NbO_3-xBi_{0.5}K_{0.5}TiO_3$ Ceramics. <i>Ferroelectrics</i> , 2014, 463, 99-104.	0.6	0
72	Electrical model of a thin dielectric film with a bottom electrode of non-negligible distributed resistance. <i>Ferroelectrics</i> , 2016, 497, 114-125.	0.6	0

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73	Novel magnetodielectric cobalt ferrite-titania-silica ceramic composites with tunable dielectric properties. <i>Ceramics International</i> , 2016, 42, 16650-16654.	4.8	0
74	General view of ferroelectrics. , 2018, , 5-33.		0
75	High-temperature electrical conductivity of the $x\text{NBT}(1-x)\text{LMT}$ ceramics: verification of Meyer-Neldel rule. <i>Integrated Ferroelectrics</i> , 2019, 196, 47-51.	0.7	0