

Robertas Grigalaitis

List of Publications by Year in descending order

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75
papers

651
citations

687363

13
h-index

677142

22
g-index

81
all docs

81
docs citations

81
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Phase Diagram and Cation Dynamics of Mixed MA _x FA _{1-x} PbBr ₃ Hybrid Perovskites. Chemistry of Materials, 2021, 33, 5926-5934.	6.7	16
3	0.7Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.3PbTiO ₃ Phosphate Composites: Dielectric and Ferroelectric Properties. Materials, 2021, 14, 5065.	2.9	5
4	Suppression of phase transitions and glass phase signatures in mixed cation halide perovskites. Nature Communications, 2020, 11, 5103.	12.8	46
5	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
6	Broad-band measurements of dielectric permittivity in coaxial line using partially filled circular waveguide. Review of Scientific Instruments, 2020, 91, 035106.	1.3	10
7	Dielectric Spectroscopy of Water Dynamics in Functionalized UiO-66 Metal-Organic Frameworks. Molecules, 2020, 25, 1962.	3.8	8
8	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
9	High-temperature electrical conductivity of the xNBT-(1-x)LMT ceramics: verification of Meyer-Neldel rule. Integrated Ferroelectrics, 2019, 196, 47-51.	0.7	0
10	PZT/NZF/CF ferrite flexible thick films: Structural, dielectric, ferroelectric, and magnetic characterization. Journal of Advanced Ceramics, 2019, 8, 545-554.	17.4	18
11	Distributions of relaxation times in relaxor ferroelectric Ba(Ti _{0.8}) _{1-x} Ti _x ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td (Ce	0.6	9
12	Low-Frequency Dipolar Dynamics and Atmospheric Effects in ZIF-90 Metal-Organic Framework. Journal of Physical Chemistry C, 2019, 123, 631-636.	3.1	13
13	Dielectric properties of Bi-substituted LDHs synthesized by co-precipitation and sol-gel methods. Materials Science-Poland, 2019, 37, 190-195.	1.0	4
14	Positive influence of Sb doping on properties of di-phase multiferroics based on barium titanate and nickel ferrite. Journal of Alloys and Compounds, 2018, 749, 1043-1053.	5.5	19
15	Magneto-electric properties of xNi _{0.7} Zn _{0.3} Fe ₂ O ₄ -(1-x)BaTiO ₃ multiferroic composites. Ceramics International, 2018, 44, 683-694.	4.8	39
16	Evidence of Kittel type behaviour of the permittivity of a nanostructured high sensitivity piezoelectric. Journal of Applied Physics, 2018, 123, .	2.5	1
17	General view of ferroelectrics. , 2018, , 5-33.		0
18	Magneto-dielectric characterization of TiO ₂ -CoFe ₂ O ₄ derived ceramic composites. Processing and Application of Ceramics, 2018, 12, 350-356.	0.8	1

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19	Metastable perovskite $\text{Bi}_{1-x}\text{La}_x\text{Fe}_{0.5}\text{Sc}_{0.5}\text{O}_3$ phases in the range of the compositional crossover. <i>Phase Transitions</i> , 2017, 90, 831-839.		2
20	Dielectric and phonon spectroscopy of Nb-doped $\text{Pb}(\text{Zr}_{1-y}\text{Ti}_y)\text{O}_3\text{-CoFe}_2\text{O}_4$ composites. <i>Journal of Applied Physics</i> , 2017, 121, 214101.	2.5	6
21	Implementation of an improved non-linear susceptometer. <i>Ferroelectrics</i> , 2017, 513, 32-37.	0.6	1
22	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
23	Electrical properties of PMN-33PT thin film at MPB. <i>Ferroelectrics</i> , 2017, 512, 1-7.	0.6	2
24	Chemical strain effects and changed lattice dynamic in $(\text{Sr}_{1-1.5x}\text{Bi}_x)\text{TiO}_3$ ceramics ($x \leq 0.15$). <i>Ferroelectrics</i> , 2016, 497, 24-33.	0.6	1
25	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
26	Novel magnetodielectric cobalt ferrite-titania-silica ceramic composites with tunable dielectric properties. <i>Ceramics International</i> , 2016, 42, 16650-16654.	4.8	0
27	Strain engineering of electrical conductivity in epitaxial thin $\text{Ba}_{0.7}\text{Sr}_{0.3}\text{TiO}_3$ film heterostructures. <i>Lithuanian Journal of Physics</i> , 2016, 56, 173-181.	0.4	3
28	Microstructural influence on the broadband dielectric properties of $\text{BaTiO}_3\text{-Ni}_0.5\text{Zn}_0.5\text{Fe}_2\text{O}_4$ core-shell composites: Experiment and modeling. <i>Journal of Applied Physics</i> , 2015, 118, 174106.	2.5	5
29	Broadband dielectric spectra in $\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3$ crystals with chemical order modified by La doping. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	15
30	Revisiting the broadband dielectric properties of high-sensitivity piezoelectric $\text{BiScO}_3\text{-PbTiO}_3$: Size effects. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 2727-2734.	1.5	4
31	Donor-acceptor joint effect in barium titanate systems. <i>Ceramics International</i> , 2015, 41, 11365-11371.	4.8	7
32	The Alternative Expression of Lichtenecker's Logarithmic Mixture Formula and Its Application to the Broadband Dielectric Spectroscopy of $\text{BaTiO}_3\text{-Ni}_0.5\text{Zn}_0.5\text{Fe}_2\text{O}_4$ Composites. <i>Ferroelectrics</i> , 2015, 479, 90-97.	0.6	1
33	Dielectric and Pyroelectric Properties of PMN-29PT Single Crystals near MPB. <i>Ferroelectrics</i> , 2015, 479, 29-34.	0.6	3
34	Broadband dielectric and Mössbauer studies of $\text{BaTiO}_3\text{-NiFe}_2\text{O}_4$ composite multiferroics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 9727-9734.	2.2	5
35	Investigation of Dielectric Relaxation Processes in $\text{Ba}_2\text{NdFeNb}_{4-x}\text{Ta}_x\text{O}_{15}$ Ceramics. <i>Ferroelectrics</i> , 2015, 485, 101-109.	0.6	4
36	Lead-free $\text{BaBi}_4\text{Ti}_4\text{O}_{15}$ ceramics: Effect of synthesis methods on phase formation and electrical properties. <i>Ceramics International</i> , 2015, 41, 309-316.	4.8	13

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37	Dielectric and Impedance Spectroscopy of BaSnO ₃ and Ba ₂ SnO ₄ . Ferroelectrics, 2014, 464, 49-58.	0.6	15
38	Broadband dielectric spectroscopy of BaTiO ₃ â€“Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ composite ceramics. Journal of Alloys and Compounds, 2014, 602, 241-247.	5.5	26
39	Structure and dielectric properties of (1âˆ’x)Ag _{0.9} Li _{0.1} NbO ₃ â€“(x)Bi _{0.5} K _{0.5} TiO ₃ ferroelectric ceramics. Ceramics International, 2014, 40, 9961-9969.	4.8	2
40	Dielectric Properties of 0.9Ag _{0.9} Li _{0.1} NbO ₃ â€“0.1Bi _{0.5} K _{0.5} TiO ₃ Ceramics. Ferroelectrics, 2014, 463, 99-104.	0.6	0
41	Dielectric and magnetic properties of BaTiO ₃ â€“NiFe ₂ O ₄ multiferroic composites. Ceramics International, 2014, 40, 6165-6170.	4.8	88
42	Size effects in a relaxor: further insights into PMN. Journal of Physics Condensed Matter, 2014, 26, 272201.	1.8	4
43	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
44	La-doped and La/Mn-co-doped Barium Titanate Ceramics. Acta Physica Polonica A, 2013, 124, 155-160.	0.5	35
45	Broadband Dielectric Investigation of Sodium Potassium Niobate Ceramic Doped 8% of Antimony. Ferroelectrics, 2012, 428, 14-19.	0.6	5
46	Coexistence of ferroelectric and relaxor states in Ba ₂ Pr _x Nd _{1-x} FeNb ₄ O ₁₅ . IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2012, 59, 1879-1882.	3.0	11
47	Dielectric investigation of sodium potassium niobate ceramic doped 7% of antimony. Solid State Ionics, 2012, 225, 667-671.	2.7	8
48	Simulation of Relaxation Times Distribution for Relaxors using Distribution of Three-Dimensional Ising-Type Clusters. Ferroelectrics, 2011, 415, 40-50.	0.6	2
49	High Frequency Measurements of Ferroelectrics and Related Materials in Coaxial Line. Ferroelectrics, 2011, 414, 64-69.	0.6	20
50	Crystal structure of Li ₂ B ₄ O ₇ . Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s167-s168.	0.3	0
51	Broadband dielectric spectroscopy of PbMg _{1/3} Nb _{2/3} O ₃ â€“PbSc _{1/2} Nb _{1/2} O ₃ ceramics. Journal of the European Ceramic Society, 2010, 30, 613-616.	5.7	6
52	Dipolar Glass-Like Perovskite Sr _{0.8} Bi _{0.2} TiO ₃ Ceramic. Ferroelectrics, 2010, 400, 434-440.	0.6	1
53	Dielectric Spectroscopy of Relaxors and Dipolar Glasses. Ferroelectrics, 2010, 405, 3-12.	0.6	1
54	BROADBAND DIELECTRIC SPECTROSCOPY OF La _{1/3} NbO ₃ CERAMICS. Integrated Ferroelectrics, 2009, 109, 55-60.	0.7	2

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55	Relaxation Times Obtained From Dynamical Decay Function of 1D and 3D Ising Model. <i>Ferroelectrics</i> , 2009, 378, 63-69.	0.6	1
56	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
57	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
58	Soft mode in PMN \leftrightarrow PSN ceramics. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 1206-1209.	1.5	4
59	Measurements of Complex Dielectric Constant of Ferroelectrics with Six-port Reflectometer in 80 \leftrightarrow 120 GHz Frequency Range. <i>Ferroelectrics</i> , 2008, 367, 229-233.	0.6	1
60	DIELECTRIC BEHAVIOUR OF A NANOGRAIN PMN POWDERS. <i>Integrated Ferroelectrics</i> , 2008, 99, 132-139.	0.7	3
61	Broadband Dielectric Spectroscopy of PSN-Rich PMN-PSN Ceramics. <i>Ferroelectrics</i> , 2008, 369, 190-197.	0.6	0
62	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
63	Dielectric Investigations of Nanoferroelectric BaTiO ₃ . <i>Ferroelectrics</i> , 2008, 368, 170-176.	0.6	3
64	Two Dimensional Distribution of Relaxation Times. <i>Ferroelectrics</i> , 2007, 353, 154-163.	0.6	2
65	Anomalous Broad Distribution of Relaxation Times in Mixed PMN-PSN Ceramics. <i>Ferroelectrics</i> , 2007, 347, 30-36.	0.6	4
66	Broad Distribution of Relaxation Times in 0.6PMN-0.4PZN Relaxor Ceramics. <i>Ferroelectrics</i> , 2007, 353, 3-9.	0.6	3
67	Broadband dielectric spectroscopy of PSN ceramics. <i>Journal of the European Ceramic Society</i> , 2007, 27, 4383-4389.	5.7	6
68	Dielectric spectroscopy and distribution of relaxation times of PMN-PSN ceramics. <i>Journal of Electroceramics</i> , 2007, 19, 433-435.	2.0	2
69	<title>Dielectric properties of KDP crystal damaged by laser beam</title>. , 2006, 6596, 356.		0
70	Dynamics of Polar Clusters in PMN Ceramics: Comparison with PMN Single Crystal. <i>Ferroelectrics</i> , 2006, 340, 147-153.	0.6	14
71	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
72	Dielectric investigations and theoretical calculations of size effect in lead titanate nanocrystals. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2006, 53, 2270-2274.	3.0	5

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73	Dielectric Dispersion in Pure PMN and PMN with 10% PT Single Crystals. <i>Ferroelectrics</i> , 2006, 339, 21-28.	0.6	7
74	Distribution of the relaxation times of the new relaxor 0.4PSN \hat{e} 0.3PMN \hat{e} 0.3PZN ceramics. <i>Journal of the European Ceramic Society</i> , 2005, 25, 2515-2519.	5.7	6
75	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