

Antonina Dedyk

List of Publications by Year in descending order

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201
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and dielectric properties of ceramic and thin film multiferroics based on $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{TiO}_3$. Journal of Physics: Conference Series, 2020, 1697, 012194.	0.4	0
2	Capacitance Temperature Hysteresis of Condenser Structures Based on BSTO Ceramics of Different Compositions. Bulletin of the Russian Academy of Sciences: Physics, 2018, 82, 317-321.	0.6	1
3	Heat and electrical properties of composite ceramic with a perovskite structure, doped with magnetic ions. Journal of Physics: Conference Series, 2018, 1135, 012080.	0.4	0
4	Investigation of conductivity mechanisms in ferroelectrics based on the doped barium titanite. Journal of Physics: Conference Series, 2018, 1038, 012118.	0.4	0
5	Photoelectrical properties of strontium titanate. Technical Physics, 2015, 60, 624-627.	0.7	4
6	Investigation of ferroelectric multilayer structures with properties of multiferroics based on barium-strontium titanate films. Physics of the Solid State, 2015, 57, 535-543.	0.6	4
7	New Approaches to Electrocaloric-Based Multilayer Cooling. Engineering Materials, 2014, , 183-223.	0.6	17
8	The Influence of the "Heating-Cooling" Process Rate on the Temperature Hysteresis of Ferroelectric Capacitor Structures. Ferroelectrics, 2013, 447, 117-125.	0.6	2
9	The influence of heating-cooling process rate on temperature hysteresis of ferroelectric capacitor structures. , 2012, , .		0
10	Temperature hysteresis of the capacitance dependence $C(T)$ for ferroelectric ceramics. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2011, 29, 01A501.	1.2	5
11	Electrically controlled BST-Mg ceramic components for applications in accelerator technology. Physics of the Solid State, 2009, 51, 1557-1560.	0.6	17
12	I-V and C-V characteristics of ceramic materials based on barium strontium titanate. Technical Physics, 2006, 51, 1168-1173.	0.7	11
13	Tunability and leakage currents of $(\text{Ba,Sr})\text{TiO}_3$ ferroelectric ceramics with various additives. Journal of Electroceramics, 2006, 17, 433-437.	2.0	23
14	THE INVESTIGATION OF DIELECTRIC CHARACTERISTICS OF $(\text{Ba, Sr})\text{TiO}_3$ THIN FILMS IN MILLIMETER WAVELENGTH RANGE. Integrated Ferroelectrics, 2006, 86, 131-140.	0.7	3
15	High-Frequency Characteristics of $(\text{Ba,Sr})\text{TiO}_3$ Tunable Ceramics with Various Additives Intended for Accelerator Physics. Integrated Ferroelectrics, 2005, 70, 107-113.	0.7	4
16	Ceramics Materials Based on $(\text{Ba, Sr})\text{TiO}_3$ Solid Solutions for Tunable Microwave Devices. Journal of Electroceramics, 2004, 13, 235-238.	2.0	74
17	Influence of Electron Irradiation on the Properties of Ferroelectric $\text{Ba}_x\text{Sr}_{1-x}\text{TiO}_3$ Films. Integrated Ferroelectrics, 2004, 61, 149-153.	0.7	2
18	Frequency Dependence of Microwave Quality Factor of Doped $\text{Ba}_x\text{Sr}_{1-x}\text{TiO}_3$ Ferroelectric Ceramics. Integrated Ferroelectrics, 2004, 61, 177-181.	0.7	4

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19	The effect of electron irradiation on the electrical properties of ferroelectric BSTO films. Technical Physics Letters, 2003, 29, 828-830.	0.7	0
20	Influence of Mg and Mn Doping on the RF-Microwave Dielectric Properties of Ba _x Sr _{1-x} TiO ₃ Films. Ferroelectrics, 2003, 286, 267-278.	0.6	10
21	Influence of Structural Properties on RF and Microwave Characteristics of BaSrTiO ₃ Films on Various Substrates. Integrated Ferroelectrics, 2002, 47, 207-216.	0.7	6
22	Structural features and phase transition temperature of Ba _x Sr _{1-x} TiO ₃ films grown on various substrates. Journal of Physics Condensed Matter, 2002, 14, 6823-6831.	1.8	12
23	Study of the effect of manganese impurities on dielectric characteristics of BSTO films. Technical Physics, 2001, 46, 498-502.	0.7	10
24	Patterning of tunable planar ferroelectric capacitors based on the YBCO/BSTO film structure. Superconductor Science and Technology, 1998, 11, 284-287.	3.5	8
25	Formation and Raman spectroscopic study of YBCO/STO/YBCO heteroepitaxial structures. Superconductor Science and Technology, 1994, 7, 727-733.	3.5	8
26	High- <i>T_c</i> superconductivity: New applications of ferroelectrics at microwave frequencies. Ferroelectrics, 1993, 144, 33-43.	0.6	103
27	Effect of space charge on the voltage-capacitance characteristics of MIM structures based on nonlinear dielectrics. Soviet Physics Journal (English Translation of Izvestiia Vysshikh Uchebnykh) Tj ETQq1 1 0.7846.14 rgBT (Overloc		