Antonina Dedyk

List of Publications by Year
in descending order

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27 papers	328 citations	1040056 9 h-index	839539 18 g-index
27 all docs	27 docs citations	27 times ranked	201 citing authors

#	Article	IF	Citations
1	High-T_csuperconductivity: New applications of ferroelectrics at microwave frequencies. Ferroelectrics, 1993, 144, 33-43.	0.6	103
2	Ceramics Materials Based on (Ba, Sr)TiO3 Solid Solutions for Tunable Microwave Devices. Journal of Electroceramics, 2004, 13, 235-238.	2.0	74
3	Tunability and leakage currents of (Ba,Sr)TiO3 ferroelectric ceramics with various additives. Journal of Electroceramics, 2006, 17, 433-437.	2.0	23
4	Electrically controlled BST-Mg ceramic components for applications in accelerator technology. Physics of the Solid State, 2009, 51, 1557-1560.	0.6	17
5	New Approaches to Electrocaloric-Based Multilayer Cooling. Engineering Materials, 2014, , 183-223.	0.6	17
6	Structural features and phase transition temperature of BaxSr1-xTiO3 films grown on various substrates. Journal of Physics Condensed Matter, 2002, 14, 6823-6831.	1.8	12
7	I-V and C-V characteristics of ceramic materials based on barium strontium titanate. Technical Physics, 2006, 51, 1168-1173.	0.7	11
8	Study of the effect of manganese impurities on dielectric characteristics of BSTO films. Technical Physics, 2001, 46, 498-502.	0.7	10
9	Influence of Mg and Mn Doping on the RF-Microwave Dielectric Properties of Ba x Sr 1 â^' x TiO 3 Films. Ferroelectrics, 2003, 286, 267-278.	0.6	10
10	Formation and Raman spectroscopic study of YBCO/STO/YBCO heteroepitaxial structures. Superconductor Science and Technology, 1994, 7, 727-733.	3.5	8
11	Patterning of tunable planar ferroelectric capacitors based on the YBCO/BSTO film structure. Superconductor Science and Technology, 1998, 11, 284-287.	3.5	8
12	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
13	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
14	Frequency Dependence of Microwave Quality Factor of Doped BaxSr1 - xTiO3 Ferroelectric Ceramics. Integrated Ferroelectrics, 2004, 61, 177-181.	0.7	4
15	High-Frequency Characteristics of (Ba,Sr)TiO3 Tunable Ceramics with Various Additives Intended for Accelerator Physics. Integrated Ferroelectrics, 2005, 70, 107-113.	0.7	4
16	Photoelectrical properties of strontium titanate. Technical Physics, 2015, 60, 624-627.	0.7	4
17	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
18	THE INVESTIGATION OF DIELECTRIC CHARACTERISTICS OF (Ba, Sr)TiO3 THIN FILMS IN MILLIMETER WAVELENGTH RANGE. Integrated Ferroelectrics, 2006, 86, 131-140.	0.7	3

#	Article	IF	Citations
19	Influence of Electron Irradiation on the Properties of Ferroelectric BaxSr1-xTiO3 Films. Integrated Ferroelectrics, 2004, 61, 149-153.	0.7	2
20	The Influence of the â€œHeatingâ€“Coolingâ€•Process Rate on the Temperature Hysteresis of Ferroelectric Capacitor Structures. Ferroelectrics, 2013, 447, 117-125.	0.6	2
21	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
22	Effect of space charge on the voltage-capacitance characteristics of MIM structures based on nonlinear dielectrics. Soviet Physics Journal (English Translation of Izvestiia Vysshykh Uchebnykh) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6		
23	The effect of electron irradiation on the electrical properties of ferroelectric BSTO films. Technical Physics Letters, 2003, 29, 828-830.	0.7	0
24	The influence “heating-cooling” process rate on temperature hysteresis of ferroelectric capasitor structures. , 2012, , .		0
25	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
26	Investigation of conductivity mechanisms in ferroelectics based on the doped barium titanite. Journal of Physics: Conference Series, 2018, 1038, 012118.	0.4	0
27	Structural and dielectric properties of ceramic and thin film multiferroics based on Ba_{0.5}Sr_{0.5}TiO₃. Journal of Physics: Conference Series, 2020, 1697, 012194.	0.4	0