

Maksim Ivanov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural, Morphologic, and Ferroelectric Properties of PZT Films Deposited through Layer-by-Layer Reactive DC Magnetron Sputtering. <i>Coatings</i> , 2022, 12, 717.	2.6	2
2	Implications of acceptor doping in the polarization and electrocaloric response of 0.9Pb(Mg _{1/3} Nb _{2/3})O ₃ –0.1PbTiO ₃ relaxor ferroelectric ceramics. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3204-3214.	5.5	7
3	Aqueous tape casting of the 0.7Pb(Mg _{1/3} Nb _{2/3})O ₃ -0.3PbTiO ₃ ceramic films: Production optimization and properties. <i>Journal of Electroceramics</i> , 2021, 46, 20-25.	2.0	1
4	Dependence of the magnetoelectric coupling on elastic and dielectric properties of two-phase multiferroic composites. <i>Journal of Materials Science</i> , 2021, 56, 14978-14988.	3.7	3
5	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. <i>Inorganic Chemistry</i> , 2019, 58, 11410-11419.	4.0	9
6	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
7	Dielectric spectroscopy of Pyr14TFSI and Pyr12O1TFSI ionic liquids. <i>Electrochimica Acta</i> , 2018, 274, 400-405.	5.2	1
8	Dielectric, Ferroelectric, and Piezoelectric Investigation of Polymer-Based P(VDF–TrFE) Composites. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1700196.	1.5	22
9	Ferroelectric, dielectric and optic properties of Mn and Cr-doped Na _{0.5} Bi _{0.5} TiO ₃ single crystals. <i>Ferroelectrics</i> , 2018, 532, 38-49.	0.6	5
10	Dielectric properties of BT-BT and BF-BT composites. <i>Ferroelectrics</i> , 2018, 533, 145-150.	0.6	2
11	Dielectric properties of one-dimensional ice in HHTP-4H ₂ O crystallites. <i>Ferroelectrics</i> , 2018, 533, 192-197.	0.6	0
12	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
13	General view of ferroelectrics. , 2018, , 5-33.		0
14	Influence of tungsten doping on dielectric, electrical and ferroelectric behavior of BaBi ₄ Ti ₄ O ₁₅ ceramics. <i>Journal of Alloys and Compounds</i> , 2017, 702, 619-625.	5.5	7
15	Metastable perovskite Bi _{1-x} La _x Fe _{0.5} Sc _{0.5} O ₃ phases in the range of the compositional crossover. <i>Phase Transitions</i> , 2017, 90, 831-839.		2
16	Dielectric Response: Answer to Many Questions in the Methylammonium Lead Halide Solar Cell Absorbers. <i>Advanced Energy Materials</i> , 2017, 7, 1700600.	19.5	163
17	Solar Cells: Dielectric Response: Answer to Many Questions in the Methylammonium Lead Halide Solar Cell Absorbers (Adv. Energy Mater. 19/2017). <i>Advanced Energy Materials</i> , 2017, 7, .	19.5	3
18	Implementation of an improved non-linear susceptometer. <i>Ferroelectrics</i> , 2017, 513, 32-37.	0.6	1

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19	Full-wave finite space model of open-ended coaxial line for dielectric spectroscopy of liquids. Review of Scientific Instruments, 2017, 88, 084703.	1.3	2
20	Observation of the microwave near-field enhancement effect in suspensions comprising single-walled carbon nanotubes. Materials Research Express, 2017, 4, 075033.	1.6	9
21	Dielectric Properties of BaTiO ₃ -KNbO ₃ Composites. Ferroelectrics, 2017, 512, 8-13.	0.6	7
22	Internal electrical and strain fields influence on the electrical tunability of epitaxial Ba _{0.7} Sr _{0.3} TiO ₃ thin films. Applied Physics Letters, 2016, 108, 132901.	3.3	7
23	Electrical model of a thin dielectric film with a bottom electrode of non-negligible distributed resistance. Ferroelectrics, 2016, 497, 114-125.	0.6	0
24	Dielectric, ferroelectric and magnetic properties of La doped Bi ₅ Ti ₃ FeO ₁₅ ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 2448-2454.	2.2	14
25	Polarization reversal in organic-inorganic ferroelectric composites: Modeling and experiment. Applied Physics Letters, 2015, 107, .	3.3	18
26	Revisiting the broadband dielectric properties of high-ε sensitivity piezoelectric BiScO ₃ -PbTiO ₃ : Size effects. Physica Status Solidi (B): Basic Research, 2015, 252, 2727-2734.	1.5	4
27	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 ₂ O ₄ Composites. Ferroelectrics, 2015, 479, 90-97.	0.6	1
28	Dielectric and Pyroelectric Properties of PMN-29PT Single Crystals near MPB. Ferroelectrics, 2015, 479, 29-34.	0.6	3
29	Dielectric and Impedance Spectroscopy of BaSnO ₃ and Ba ₂ SnO ₄ . Ferroelectrics, 2014, 464, 49-58.	0.6	15
30	Dielectric properties of $\langle \text{mml:math altimg="si13.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x$	7.9	23
31	Electrical conductivity and dielectric permittivity of Cu ₆ As ₅ I superionic crystals. Solid State Ionics, 2014, 262, 582-584.	2.7	1
32	Size effects in a relaxor: further insights into PMN. Journal of Physics Condensed Matter, 2014, 26, 272201.	1.8	4
33	Dynamics of Phase Transition in 0.4NBT-0.4ST-0.2PT Solid Solution. Integrated Ferroelectrics, 2012, 134, 81-87.	0.7	4
34	Ansoft HFSS Software Application for the Dielectric and Magnetic Measurements of Ferroelectrics and Related Materials in Microwaves. Ferroelectrics, 2012, 430, 115-122.	0.6	2
35	Size Effects on Dielectric Properties of Nanograin PSN Ceramics. Ferroelectrics, 2012, 429, 43-47.	0.6	4
36	Dielectric properties of cubic bismuth based pyrochlores containing lithium and fluorine. Journal of the European Ceramic Society, 2010, 30, 385-388.	5.7	13

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37	THz Emission from PZT Nanotubes. <i>Ferroelectrics</i> , 2009, 378, 79-83.	0.6	3
38	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
39	DIELECTRIC BEHAVIOUR OF A NANOGRAIN PMN POWDERS. <i>Integrated Ferroelectrics</i> , 2008, 99, 132-139.	0.7	3