

# Maksim Ivanov

## List of Publications by Year in descending order

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39  
papers

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citations

1040056

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794594

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40  
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40  
docs citations

40  
times ranked

916  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectric Response: Answer to Many Questions in the Methylammonium Lead Halide Solar Cell Absorbers. <i>Advanced Energy Materials</i> , 2017, 7, 1700600. Dielectric properties of $\text{PbTiO}_3$ thin films. <i>Journal of Applied Physics</i> , 2017, 121, 174101.	19.5	163
2	Dielectric properties of $\text{PbTiO}_3$ thin films. <i>Journal of Applied Physics</i> , 2017, 121, 174101.	7.9	23
3	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
4	Polarization reversal in organic-inorganic ferroelectric composites: Modeling and experiment. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	18
5	Dielectric and Impedance Spectroscopy of $\text{BaSnO}_3$ and $\text{Ba}_2\text{SnO}_4$ . <i>Ferroelectrics</i> , 2014, 464, 49-58.	0.6	15
6	Dielectric, ferroelectric and magnetic properties of La doped $\text{Bi}_5\text{Ti}_3\text{FeO}_{15}$ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 2448-2454.	2.2	14
7	Dielectric properties of cubic bismuth based pyrochlores containing lithium and fluorine. <i>Journal of the European Ceramic Society</i> , 2010, 30, 385-388.	5.7	13
8	Observation of the microwave near-field enhancement effect in suspensions comprising single-walled carbon nanotubes. <i>Materials Research Express</i> , 2017, 4, 075033.	1.6	9
9	Temperature-Induced Structural Transformations in Undoped and $\text{Eu}^{3+}$ -Doped Ruddlesden-Popper Phases $\text{Sr}_2\text{SnO}_4$ and $\text{Sr}_3\text{Sn}_2\text{O}_7$ : Relation to the Impedance and Luminescence Behaviors. <i>Inorganic Chemistry</i> , 2019, 58, 11410-11419.	4.0	9
10	Internal electrical and strain fields influence on the electrical tunability of epitaxial $\text{Ba}_{0.7}\text{Sr}_{0.3}\text{TiO}_3$ thin films. <i>Applied Physics Letters</i> , 2016, 108, 132901.	3.3	7
11	Influence of tungsten doping on dielectric, electrical and ferroelectric behavior of $\text{BaBi}_4\text{Ti}_4\text{O}_{15}$ ceramics. <i>Journal of Alloys and Compounds</i> , 2017, 702, 619-625.	5.5	7
12	Dielectric Properties of $\text{BaTiO}_3$ - $\text{KNbO}_3$ Composites. <i>Ferroelectrics</i> , 2017, 512, 8-13.	0.6	7
13	Implications of acceptor doping in the polarization and electrocaloric response of $0.9\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $0.1\text{PbTiO}_3$ relaxor ferroelectric ceramics. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3204-3214.	5.5	7
14	Ferroelectric, dielectric and optic properties of Mn and Cr-doped $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ single crystals. <i>Ferroelectrics</i> , 2018, 532, 38-49.	0.6	5
15	Dynamics of Phase Transition in $0.4\text{NBT}$ - $0.4\text{ST}$ - $0.2\text{PT}$ Solid Solution. <i>Integrated Ferroelectrics</i> , 2012, 134, 81-87.	0.7	4
16	Size Effects on Dielectric Properties of Nanograin PSN Ceramics. <i>Ferroelectrics</i> , 2012, 429, 43-47.	0.6	4
17	Size effects in a relaxor: further insights into PMN. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 272201.	1.8	4
18	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

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19	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
20	DIELECTRIC BEHAVIOUR OF A NANOGRAIN PMN POWDERS. <i>Integrated Ferroelectrics</i> , 2008, 99, 132-139.	0.7	3
21	THz Emission from PZT Nanotubes. <i>Ferroelectrics</i> , 2009, 378, 79-83.	0.6	3
22	Dielectric and Pyroelectric Properties of PMN-29PT Single Crystals near MPB. <i>Ferroelectrics</i> , 2015, 479, 29-34.	0.6	3
23	Solar Cells: Dielectric Response: Answer to Many Questions in the Methylammonium Lead Halide Solar Cell Absorbers ( <i>Adv. Energy Mater.</i> 19/2017). <i>Advanced Energy Materials</i> , 2017, 7, .	19.5	3
24	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
25	Ansoft HFSS Software Application for the Dielectric and Magnetic Measurements of Ferroelectrics and Related Materials in Microwaves. <i>Ferroelectrics</i> , 2012, 430, 115-122.	0.6	2
26	Metastable perovskite $\text{Bi}_{1-x}\text{La}_x\text{Fe}_{0.5}\text{Sc}_{0.5}\text{O}_{3-x}$ phases in the range of the compositional crossover. <i>Phase Transitions</i> , 2017, 90, 831-839.	0.6	2
27	Full-wave finite space model of open-ended coaxial line for dielectric spectroscopy of liquids. <i>Review of Scientific Instruments</i> , 2017, 88, 084703.	1.3	2
28	Dielectric properties of BT-BT and BF-BT composites. <i>Ferroelectrics</i> , 2018, 533, 145-150.	0.6	2
29	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
30	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
31	Electrical conductivity and dielectric permittivity of $\text{Cu}_6\text{As}_5\text{I}$ superionic crystals. <i>Solid State Ionics</i> , 2014, 262, 582-584.	2.7	1
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	Implementation of an improved non-linear susceptometer. <i>Ferroelectrics</i> , 2017, 513, 32-37.	0.6	1
34	Dielectric spectroscopy of Pyr14TFSI and Pyr12O1TFSI ionic liquids. <i>Electrochimica Acta</i> , 2018, 274, 400-405.	5.2	1
35	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
36	Aqueous tape casting of the $0.7\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-}0.3\text{PbTiO}_3$ ceramic films: Production optimization and properties. <i>Journal of Electroceramics</i> , 2021, 46, 20-25.	2.0	1

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37	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
38	Dielectric properties of one-dimensional ice in HHTP-4H <sub>2</sub> O crystallites. <i>Ferroelectrics</i> , 2018, 533, 192-197.	0.6	0
39	General view of ferroelectrics. , 2018, , 5-33.		0