

Maxim I Morozov

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34
papers

1,049
citations

18
h-index

32
g-index

36
ext. papers

1,196
ext. citations

3.9
avg, IF

4.42
L-index

#	Paper	IF	Citations
34	Charge migration in Pb(Zr,Ti)O ₃ ceramics and its relation to ageing, hardening, and softening. <i>Journal of Applied Physics</i> , 2010 , 107, 034106	2.5	125
33	Hardening-softening transition in Fe-doped Pb(Zr,Ti)O ₃ ceramics and evolution of the third harmonic of the polarization response. <i>Journal of Applied Physics</i> , 2008 , 104, 034107	2.5	121
32	Specific Features of BiFeO ₃ Formation in a Mixture of Bismuth(III) and Iron(III) Oxides. <i>Russian Journal of General Chemistry</i> , 2003 , 73, 1676-1680	0.7	121
31	Properties of aurivillius phases in the Bi ₄ Ti ₃ O ₁₂ -BiFeO ₃ system. <i>Inorganic Materials</i> , 2006 , 42, 189-195	0.9	99
30	Aurivillius Phases in the Bi ₄ Ti ₃ O ₁₂ /BiFeO ₃ System: Thermal Behaviour and Crystal Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1603-1608	1.3	63
29	The nonlinearity and subswitching hysteresis in hard and soft PZT. <i>Journal of the European Ceramic Society</i> , 2005 , 25, 2483-2486	6	52
28	Polarization and strain response in Bi _{0.5} K _{0.5} TiO ₃ -BiFeO ₃ ceramics. <i>Applied Physics Letters</i> , 2012 , 101, 252904	3.4	44
27	Synthesis of A _m Bi ₂ M _m O _{3m+3} Compounds in the Bi ₄ Ti ₃ O ₁₂ /BiFeO ₃ System. <i>Inorganic Materials</i> , 2002 , 38, 723-729	0.9	43
26	Cation vacancies in ferroelectric PbTiO ₃ and Pb(Zr,Ti)O ₃ : A positron annihilation lifetime spectroscopy study. <i>Physical Review B</i> , 2007 , 76,	3.3	40
25	Atmosphere controlled conductivity and Maxwell-Wagner relaxation in Bi _{0.5} K _{0.5} TiO ₃ /BiFeO ₃ ceramics. <i>Journal of Applied Physics</i> , 2014 , 115, 044104	2.5	33
24	In-situ structural investigations of ferroelasticity in soft and hard rhombohedral and tetragonal PZT. <i>Journal of Applied Physics</i> , 2015 , 118, 164104	2.5	28
23	Effects of poling over the orthorhombic-tetragonal phase transition temperature in compositionally homogeneous (K,Na)NbO ₃ -based ceramics. <i>Applied Physics Letters</i> , 2011 , 98, 132908	3.4	28
22	Piezoelectric K _{0.5} Na _{0.5} NbO ₃ Ceramics Textured Using Needlelike K _{0.5} Na _{0.5} NbO ₃ Templates. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 3818-3825	3.8	26
21	Lead-Free Relaxor-Like 0.75Bi _{0.5} K _{0.5} TiO ₃ /0.25BiFeO ₃ Ceramics with Large Electric Field-Induced Strain. <i>Ferroelectrics</i> , 2012 , 439, 88-94	0.6	25
20	Control of conductivity and electric field induced strain in bulk Bi _{0.5} K _{0.5} TiO ₃ /BiFeO ₃ ceramics. <i>Applied Physics Letters</i> , 2014 , 104, 122905	3.4	24
19	Mechanical stability of piezoelectric properties in ferroelectric perovskites. <i>Journal of Applied Physics</i> , 2015 , 117, 194101	2.5	24
18	Mechanism of Formation of Bi ₄ Ti ₃ O ₁₂ . <i>Russian Journal of General Chemistry</i> , 2002 , 72, 1038-1040	0.7	21

17	Room-temperature fabrication of magnetite-boehmite sol-gel composites for heavy metal ions removal. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 1933-1944	5.9	20
16	Solid-State Synthesis and Properties of Relaxor (1-x)BKT-xBNZ Ceramics. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 2928-2935	3.8	17
15	Effect of crystallographic orientation in textured Ba _{0.92} Ca _{0.08} TiO ₃ piezoelectric ceramics. <i>Journal of Applied Physics</i> , 2014 , 116, 134102	2.5	17
14	Rayleigh analysis of dielectric properties in textured K _{0.5} Na _{0.5} NbO ₃ ceramics. <i>Journal of Applied Physics</i> , 2014 , 116, 214101	2.5	14
13	Epitaxial KNaNbO thin films by aqueous chemical solution deposition. <i>Royal Society Open Science</i> , 2019 , 6, 180989	3.3	11
12	Interaction of Modified (K,Na)NbO ₃ Ceramics with Ag-Containing Electrodes. <i>Journal of the American Ceramic Society</i> , 2011 , 94, 3591-3595	3.8	11
11	Memristive TiO: Synthesis, Technologies, and Applications. <i>Frontiers in Chemistry</i> , 2020 , 8, 724	5	8
10	Light-controllable systems based on TiO-ZIF-8 composites for targeted drug release: communicating with tumour cells. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6810-6821	7.3	7
9	Inkjet assisted fabrication of planar biocompatible memristors.. <i>RSC Advances</i> , 2019 , 9, 35998-36004	3.7	7
8	Bioresponsive metal-organic frameworks: Rational design and function. <i>Coordination Chemistry Reviews</i> , 2021 , 431, 213682	23.2	6
7	Influence of the A/B nonstoichiometry, composition modifiers, and preparation methods on properties of Li- and Ta-modified (K,Na)NbO ₃ ceramics. <i>Journal of Applied Physics</i> , 2012 , 112, 114107	2.5	5
6	Degradation kinetic study of ZIF-8 microcrystals with and without the presence of lactic acid.. <i>RSC Advances</i> , 2021 , 11, 39169-39176	3.7	3
5	Printing of Colorful Cellulose Nanocrystalline Patterns Visible in Linearly Polarized Light. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 45145-45154	9.5	3
4	On the piezoelectric efficiency of rotator and extender ferroelectrics in random polycrystalline aggregates with various engineered domain states. <i>CrystEngComm</i> , 2018 , 20, 3409-3418	3.3	2
3	Ferroelectric Properties 2010 , 729-790		1
2	Ferroelectric Properties 2014 , 729-790		
1	Revisiting syntheses of Fe ₃ O ₄ nanoparticles in water and lower alcohols and their resistive switching properties. <i>Journal of Materials Chemistry C</i> , 2021 , 10, 251-264	7.1	