

Grigoriy Radchenko

List of Publications by Year in descending order

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28
papers

147
citations

1477746

6
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1199166

12
g-index

31
all docs

31
docs citations

31
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	Maxwell-Wagner relaxation in piezoactive media. Journal Physics D: Applied Physics, 2002, 35, 1188-1192.	1.3	45
2	Giant piezoelectric and dielectric enhancement in disordered heterogeneous systems. Physics of the Solid State, 2004, 46, 2213-2216.	0.2	18
3	Maxwell-wagner relaxation of elastic constants of layered polar dielectrics. Physics of the Solid State, 2003, 45, 1060-1064.	0.2	14
4	Giant piezoelectric effect in layered ferroelectric-polymer composites. Physics of the Solid State, 2003, 45, 1759-1762.	0.2	11
5	Dielectric spectra of disordered ferroelectric systems: Polycrystals and composites. Physics of the Solid State, 2006, 48, 1157-1159.	0.2	10
6	Dielectric constant of polymer matrices containing isolated inclusions: Giant dielectric enhancement instead of collective resonance. JETP Letters, 2004, 79, 407-409.	0.4	7
7	Plated-designed structures: new possibility of obtaining resonance enhancement of piezoelectric properties using Lamb waves. Journal Physics D: Applied Physics, 2008, 41, 155421.	1.3	6
8	Large resonance enhancement of effective properties in plated magnetoelectric structures and composites. Applied Physics A: Materials Science and Processing, 2012, 109, 449-457.	1.1	6
9	A theory of the inverse magnetoelectric effect in layered magnetostrictive-piezoelectric structures. Physics of the Solid State, 2017, 59, 878-884.	0.2	6
10	Resonance enhancement of piezoelectric, dielectric, and magnetoelectric characteristics of inhomogeneous multiferroics in alternating electric field. Technical Physics Letters, 2008, 34, 956-959.	0.2	4
11	Magnet-metal-piezoelectric magnetic sensor with the highest magnetoelectric coefficient. Technical Physics, 2014, 59, 1457-1461.	0.2	4
12	Magnetoelectric effect in layered disk-shaped magnetostrictive-piezoelectric structures: Theory and experiment. Physics of the Solid State, 2016, 58, 508-514.	0.2	4
13	The magnetoelectric effect in the ring shape magnetostrictive-piezoelectric structures. Technical Physics Letters, 2015, 41, 807-809.	0.2	3
14	Disordered Ferroelectric Systems: Giant Dielectric Enhancement, Maxwell-Wagner Relaxations and Conductor-Insulator Transition. Ferroelectrics, 2004, 307, 171-176.	0.3	2
15	The multimodal magnetoelectric effect in the ring-shaped magnetostrictive-piezoelectric bulk composites. Applied Physics A: Materials Science and Processing, 2015, 121, 619-623.	1.1	2
16	Electromechanical Properties of Ferroactive Composites near the Percolation Threshold. Ferroelectrics, 2007, 360, 67-72.	0.3	1
17	Resonance enhancement of the effective properties of asymmetric plate structures. Technical Physics Letters, 2009, 35, 770-772.	0.2	1
18	A magnetic-field bending resonance sensor with maximum generated magnetoelectric voltage. Technical Physics Letters, 2014, 40, 503-505.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Enhancement of Piezoelectric and Dielectric Properties and Macroscopic Relaxation of Charge and Field Response in 3 Ceramic-Pore Composites: Theory and Experiment. <i>Technical Physics</i> , 2018, 63, 193-199.	0.2	1
20	Solid-State Flexural-Vibrational Low-Frequency Magnetic Field Sensor Based on the Piezoelectric Effect. <i>Technical Physics</i> , 2019, 64, 175-180.	0.2	1
21	Elastic Constants Relaxation in Disordered Heterogeneous Systems. <i>Solid State Phenomena</i> , 2006, 115, 215-220.	0.3	0
22	Giant Dielectric Relaxation in Ordered Matrix Systems Depicted by Maxwell-Garnett Formula. <i>Solid State Phenomena</i> , 2006, 115, 203-208.	0.3	0
23	Giant Piezoelectric and Dielectric Relaxations in Statistical Mixtures. <i>Solid State Phenomena</i> , 2006, 115, 209-214.	0.3	0
24	Influence of layer-to-layer electric and magnetic interactions on a magnetoelectric coefficient at high frequencies. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2010, 74, 734-736.	0.1	0
25	Maximum magnetoelectric susceptibility in composite magnetostrictive piezotransformers controlled by a magnetic field. <i>Technical Physics Letters</i> , 2012, 38, 695-698.	0.2	0
26	Inverse multimodal magnetoelectric effect in piezomagnetostrictive rings. <i>Physics of the Solid State</i> , 2015, 57, 694-699.	0.2	0
27	Quazistatic piezoelectric-magnet-metal symmetric device for effective measurement of low-frequency magnetic field. , 2017, , .		0
28	The way of prominent deformation field generation in piezoceramics under the lamb wave motion. , 2017, , .		0