

Chebanenko Va

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

70
citations

4
h-index

8
g-index

26
ext. papers

79
ext. citations

0.8
avg, IF

2.37
L-index

#	Paper	IF	Citations
21	Vibration analysis of a composite magnetoelastic bimorph depending on the volume fractions of its components based on applied theory. <i>Advanced Engineering Research</i> , 2022 , 22, 4-13	0.3	
20	Applied Theory of Bending Vibration of Magnetoelastic Bimorph. <i>Lecture Notes in Mechanical Engineering</i> , 2021 , 337-342	0.4	
19	Investigation of the Output Parameters of a Cantilever PEG with Two Piezoelectric Elements at Vibration Excitation by Rotating Drive. <i>Lecture Notes in Mechanical Engineering</i> , 2021 , 705-709	0.4	
18	Applied theory of bending vibration of the piezoelectric and piezomagnetic bimorph. <i>Journal of Advanced Dielectrics</i> , 2020 , 10, 2050007	1.3	3
17	On the Directivity of Lamb Waves Generated by Wedge PZT Actuator in Thin CFRP Panel. <i>Materials</i> , 2020 , 13,	3.5	5
16	Numerical optimization of the piezoelectric generators. <i>Journal of Advanced Dielectrics</i> , 2020 , 10, 2060016	1.3	4
15	Possibilities of the practical use of a stationary strain gradient in the interelectrode volume of unpolarized ferroelectric plates. <i>Journal of Advanced Dielectrics</i> , 2020 , 10, 2060010	1.3	1
14	Mathematical and laboratory modeling of resonant impact on the spike for the purpose of grain selection. <i>E3S Web of Conferences</i> , 2020 , 210, 05017	0.5	24
13	Properties of Unipolarity Arising in an Unpolarized Ferroelectric Plate After Creating a Stationary Strain Gradient in the Interelectrode Space. <i>Springer Proceedings in Physics</i> , 2019 , 239-249	0.2	
12	Propagation Behaviour of Acoustic Waves Excited by a Circular PZT-Actuator in Thin CFRP Plate with an Orthotropic Symmetry. <i>Springer Proceedings in Physics</i> , 2019 , 557-592	0.2	1
11	Piezoelectric Based Lamb Waves Generation and Propagation in Orthotropic CFRP Plates: II. Influence of Interfacial Stress Distribution. <i>Materials Science Forum</i> , 2019 , 962, 227-235	0.4	4
10	On the Directivity of Acoustic Waves Generated by the Angle Beam Wedge Actuator in Thin-Walled Structures. <i>Actuators</i> , 2019 , 8, 64	2.4	2
9	Piezoelectric Based Lamb Waves Generation and Propagation in Orthotropic CFRP Plates: I. Influence of Material Damping. <i>Materials Science Forum</i> , 2019 , 962, 218-226	0.4	4
8	Studies of the unipolarity arising in the non-poled ferroelectric ceramics with electrodes from different metals on the opposite sides. <i>Ferroelectrics</i> , 2018 , 525, 187-191	0.6	1
7	Assessment of Interacting Volumetric Surface Defects. <i>Engineering Materials</i> , 2018 , 153-165	0.4	
6	Assessment of the Reinforcement Capacity of Composite Repair Systems for Pipelines with Interacting Defects. <i>Engineering Materials</i> , 2018 , 321-338	0.4	
5	Electric Response to Bending Vibrations and Pyroelectric Effect in Unpolarized Ferroelectric Ceramic Plates with Electrodes, Differing in the Magnitude of the Coefficient of Thermal Expansion on Opposite Surfaces. <i>Springer Proceedings in Physics</i> , 2018 , 161-169	0.2	1

4	Mathematical Modelling of Piezoelectric Generators on the Base of the Kantorovich Method. <i>Advanced Structured Materials</i> , 2018 , 227-258	0.6	3
3	Study of the Output Characteristics of Ferroelectric Ceramic Beam Made from Non-polarized Ceramics PZT-19: Experiment and Modeling. <i>Springer Proceedings in Physics</i> , 2017 , 485-499	0.2	3
2	Finite Element Modeling and Experimental Studies of Stack-Type Piezoelectric Energy Harvester. <i>International Journal of Applied Mechanics</i> , 2017 , 09, 1750084	2.4	10
1	Optimization of the Electric Power Harvesting System Based on the Piezoelectric Stack Transducer. <i>Springer Proceedings in Physics</i> , 2016 , 639-650	0.2	4