

Antonio PetoÄ;iÄ

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

156
citations

1477746

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24
docs citations

24
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Grid-like Vibration Measurements on Power Transformer Tank during Open-Circuit and Short-Circuit Tests. <i>Energies</i> , 2022, 15, 492.	1.6	3
2	Use of Genetic Algorithms for Design an FPGA-Integrated Acoustic Camera. <i>Sensors</i> , 2022, 22, 2851.	2.1	2
3	Comparative UAV Noise-Impact Assessments through Survey and Noise Measurements. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6202.	1.2	8
4	Appraisal of Significance of Acoustic Parameters in Contribution to Human Annoyance. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3787.	1.3	0
5	Analysis of a Quadcopter's Acoustic Signature in Different Flight Regimes. <i>IEEE Access</i> , 2020, 8, 10662-10670.	2.6	16
6	Interlaboratory comparisons' measurement uncertainty in the field of environmental noise. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 148, 106932.	2.5	4
7	Measuring and modelling environmental noise parameters from different sound sources in complex environments. , 2019, , .		0
8	Designing the Acoustic Camera using MATLAB with respect to different types of microphone arrays. , 2019, , .		1
9	Electrical resonance/antiresonance characterization of NDT transducer and possible optimization of impulse excitation signals width and their types. <i>NDT and E International</i> , 2019, 106, 29-41.	1.7	5
10	Urban Acoustic Environments " An Acoustic Model for Total Distraction Coefficient. <i>Acta Acustica United With Acustica</i> , 2019, 105, 334-342.	0.8	1
11	Mobile crowdsensing accuracy for noise mapping in smart cities. <i>Automatika</i> , 2018, 59, 286-293.	1.2	21
12	Perspectives of creating enjoyable sound environment in smart cities. , 2018, , .		0
13	Electromechanical, acoustical and thermodynamical characterization of a low-frequency sonotrode-type transducer in a small sonoreactor at different excitation levels and loading conditions. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 219-232.	3.8	6
14	Electromechanical characterization of piezoceramic elements around resonance frequencies at high excitation levels and different thermodynamic conditions. , 2016, , .		0
15	High Power Electromechanical Characterization of Piezoceramics and Low Frequency Ultrasound Transducers by Using Algorithm for Tracking Changes in Resonant Frequency and Electrical Impedance. <i>Physics Procedia</i> , 2015, 70, 1035-1038.	1.2	2
16	The Influence of Body Position on Cerebrospinal Fluid Pressure Gradient and Movement in Cats with Normal and Impaired Craniospinal Communication. <i>PLoS ONE</i> , 2014, 9, e95229.	1.1	54
17	Comparison between piezoelectric material properties obtained by using low-voltage magnitude frequency sweeping and high-level short impulse signals. <i>Ultrasonics</i> , 2013, 53, 1192-1199.	2.1	5
18	Comparison of measured acoustic power results gained by using three different methods on an ultrasonic low-frequency device. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 567-576.	3.8	10

#	ARTICLE	IF	CITATIONS
19	Methods for measuring acoustic power of an ultrasonic neurosurgical device. Collegium Antropologicum, 2011, 35 Suppl 1, 107-13.	0.1	0
20	Stochastic solutions of Navier–Stokes equations: An experimental evidence. Chaos, 2010, 20, 043107.	1.0	2
21	Measuring derived acoustic power of an ultrasound surgical device in the linear and nonlinear operating modes. Ultrasonics, 2009, 49, 522-531.	2.1	7
22	Verification of chaotic behavior in an experimental loudspeaker. Journal of the Acoustical Society of America, 2008, 124, 2031-2041.	0.5	5
23	Chaotic State in an Electrodynamic Loudspeaker. Acta Acustica United With Acustica, 2008, 94, 629-635.	0.8	3