Edson Cataldo

List of Publications by Year
in descending order

18	182	1163117 8	1125743 13
papers	citations	h-index	g-index

18	18	18	133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis and Classification of Voice Pathologies Using Glottal Signal Parameters. Journal of Voice, 2016, 30, 549-556.	1.5	37
2	Non-stationary Bayesian estimation of parameters from a body cover model of the vocal folds. Journal of the Acoustical Society of America, 2016, 139, 2683-2696.	1.1	25
3	Probabilistic modeling of a nonlinear dynamical system used for producing voice. Computational Mechanics, 2009, 43, 265-275.	4.0	23
4	Synthesis of voiced sounds using low-dimensional models of the vocal cords and time-varying subglottal pressure. Mechanics Research Communications, 2006, 33, 250-260.	1.8	15
5	Comparing Two Strategies to Model Uncertainties in Structural Dynamics. Shock and Vibration, 2010, 17, 171-186.	0.6	14
6	Evolving Spiking Neural Networks for Recognition of Aged Voices. Journal of Voice, 2017, 31, 24-33.	1.5	13
7	Voice Signals Produced With Jitter Through a Stochastic One-mass Mechanical Model. Journal of Voice, 2017, 31, 111.e9-111.e18.	1.5	9
8	Modeling random uncertainties in voice production using a parametric approach. Mechanics Research Communications, 2008, 35, 454-459.	1.8	8
9	Free vibrations of an uncertain energy pumping system. Journal of Sound and Vibration, 2013, 332, 6815-6828.	3.9	8
10	Classification of voice aging using ANN and glottal signal parameters. , 2010, , .		6
11	Classification of Vocal Aging Using Parameters Extracted From the Glottal Signal. Journal of Voice, 2014, 28, 532-537.	1.5	6
12	Quantum-Inspired Features and Parameter Optimization of Spiking Neural Networks for a Case Study from Atmospheric. Procedia Computer Science, 2015, 53, 74-81.	2.0	6
13	Artificial neural networks applied to the estimation of random variables associated to a two-mass model for the vocal folds. Inverse Problems in Science and Engineering, 2012, 20, 209-225.	1.2	4
14	Evolutionary features and parameter optimization of spiking neural networks for unsupervised learning. , 2014, , .		4
15	MÃ©todo de LÃnea de TransmisiÃ³n aplicado a la AcÃºstica del Tracto Vocal a travÃ©s de un Modelo 3D Reconstruido. Informacion Tecnologica (discontinued), 2012, 23, 167-180.	0.3	2
16	On the Apparent Propagation Speed in Transmission Line Matrix Uniform Grid Meshes. Journal of Vibration and Acoustics, Transactions of the ASME, 2014, 136, .	1.6	2
17	Prior and posterior probabilistic models of uncertainties in a model for producing voice. IOP Conference Series: Materials Science and Engineering, 2010, 10, 012195.	0.6	0
18	Power delay profile filtering techniques for indoor radio channel characterization. , 2011, , .		0