

Paulo RogÃ©rio Scalassara

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

505
citations

933447

10
h-index

940533

16
g-index

28
all docs

28
docs citations

28
times ranked

442
citing authors

#	ARTICLE	IF	CITATIONS
1	Wavelet time-frequency analysis and least squares support vector machines for the identification of voice disorders. <i>Computers in Biology and Medicine</i> , 2007, 37, 571-578.	7.0	111
2	Stator fault analysis of three-phase induction motors using information measures and artificial neural networks. <i>Electric Power Systems Research</i> , 2017, 143, 347-356.	3.6	102
3	Stator Short-Circuit Diagnosis in Induction Motors Using Mutual Information and Intelligent Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 3237-3246.	7.9	54
4	Direction-of-Arrival Estimation Methods: A Performance-Complexity Tradeoff Perspective. <i>Journal of Signal Processing Systems</i> , 2020, 92, 239-256.	2.1	41
5	Relative entropy measures applied to healthy and pathological voice characterization. <i>Applied Mathematics and Computation</i> , 2009, 207, 95-108.	2.2	31
6	Information Theoretical Measurements From Induction Motors Under Several Load and Voltage Conditions for Bearing Faults Classification. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 3640-3650.	11.3	24
7	Introduction to the Discrete Shapelet Transform and a new paradigm: Joint time-frequency-shape analysis. , 2008, , .		20
8	Autoregressive decomposition and pole tracking applied to vocal fold nodule signals. <i>Pattern Recognition Letters</i> , 2007, 28, 1360-1367.	4.2	19
9	Detecting Bearing Faults in Line-Connected Induction Motors Using Information Theory Measures and Neural Networks. <i>Journal of Control, Automation and Electrical Systems</i> , 2015, 26, 535-544.	2.0	16
10	Predictability analysis of voice signals. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2009, 28, 30-34.	0.8	12
11	Wavelet-based dynamic time warping. <i>Journal of Computational and Applied Mathematics</i> , 2009, 227, 271-287.	2.0	12
12	Analysis of Voice Pathology Evolution Using Entropy Rate. , 2008, , .		10
13	Bearing fault detection using relative entropy of wavelet components and artificial neural networks. , 2013, , .		10
14	A Fractal-Based Approach for Speech Segmentation. , 2008, , .		8
15	Wavelet-based cepstrum calculation. <i>Journal of Computational and Applied Mathematics</i> , 2009, 227, 288-293.	2.0	7
16	SPOKEN DOCUMENT SUMMARIZATION BASED ON DYNAMIC TIME WARPING AND WAVELETS. <i>International Journal of Semantic Computing</i> , 2007, 01, 347-357.	0.5	5
17	Detection of Broken Rotor Bars Faults in Inverter-Fed Induction Motors. , 2018, , .		5
18	An Embedded System for Stator Short-Circuit Diagnosis in Three-Phase Induction Motors Using Information Theory and Artificial Neural Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 6582-6592.	9.3	4

#	ARTICLE	IF	CITATIONS
19	Power allocation scheme for mitigation of fiber temperature fluctuations in OCDMA networks based on firefly algorithm. <i>Optical Switching and Networking</i> , 2018, 30, 1-9.	2.0	3
20	Application of Autoregressive Decomposition and Pole Tracking to Pathological Voice Signals. , 0, , .		2
21	Induction motor fault diagnosis using wavelets and coordinate transformations. , 2016, , .		2
22	Low-Cost Joystick for Pediatric Respiratory Exercises. <i>Journal of Medical Systems</i> , 2020, 44, 186.	3.6	2
23	Noninvasive sound-based classifier of bearing faults in electric induction motors. <i>IET Science, Measurement and Technology</i> , 2021, 15, 434-445.	1.6	2
24	Voice pathology detection with predictable component analysis and wavelet decomposition model. , 2011, , .		1
25	Voice analysis of patients with neurological disorders using acoustical and nonlinear tools. , 2012, , .		1
26	Minimização de ruído eletroquímico usando processamento digital de sinais. <i>Semina: Ciências Exatas E Tecnológicas</i> , 2004, 25, 135.	0.1	1
27	Direction of Arrival Uncertainty of Adaptive Beamformer Based on a Posteriori Information. <i>Journal of Control, Automation and Electrical Systems</i> , 2014, 25, 55-63.	2.0	0
28	Rotor fault diagnosis of frequency inverter fed or line-connected induction motors using mutual information. <i>Soft Computing</i> , 2021, 25, 1309-1324.	3.6	0