Paulo RogÃ©rio Scalassara

List of Publications by Year
in descending order

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	An Embedded System for Stator Short-Circuit Diagnosis in Three-Phase Induction Motors Using Information Theory and Artificial Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6582-6592.	9.3	4
2	Rotor fault diagnosis of frequency inverter fed or line-connected induction motors using mutual information. Soft Computing, 2021, 25, 1309-1324.	3.6	0
3	Nonâ€invasive soundâ€based classifier of bearing faults in electric induction motors. IET Science, Measurement and Technology, 2021, 15, 434-445.	1.6	2
4	Direction-of-Arrival Estimation Methods: A Performance-Complexity Tradeoff Perspective. Journal of Signal Processing Systems, 2020, 92, 239-256.	2.1	41
5	Information Theoretical Measurements From Induction Motors Under Several Load and Voltage Conditions for Bearing Faults Classification. IEEE Transactions on Industrial Informatics, 2020, 16, 3640-3650.	11.3	24
6	Low-Cost Joystick for Pediatric Respiratory Exercises. Journal of Medical Systems, 2020, 44, 186.	3.6	2
7	Stator Short-Circuit Diagnosis in Induction Motors Using Mutual Information and Intelligent Systems. IEEE Transactions on Industrial Electronics, 2019, 66, 3237-3246.	7.9	54
8	Detection of Broken Rotor Bars Faults in Inverter-Fed Induction Motors. , 2018, , .		5
9	Power allocation scheme for mitigation of fiber temperature fluctuations in OCDMA networks based on firefly algorithm. Optical Switching and Networking, 2018, 30, 1-9.	2.0	3
10	Stator fault analysis of three-phase induction motors using information measures and artificial neural networks. Electric Power Systems Research, 2017, 143, 347-356.	3.6	102
11	Induction motor fault diagnosis using wavelets and coordinate transformations. , 2016, , .		2
12	Detecting Bearing Faults in Line-Connected Induction Motors Using Information Theory Measures and Neural Networks. Journal of Control, Automation and Electrical Systems, 2015, 26, 535-544.	2.0	16
13	Direction of Arrival Uncertainty of Adaptive Beamformer Based on a Posteriori Information. Journal of Control, Automation and Electrical Systems, 2014, 25, 55-63.	2.0	0
14	Bearing fault detection using relative entropy of wavelet components and artificial neural networks. , 2013, , .		10
15	Voice analysis of patients with neurological disorders using acoustical and nonlinear tools. , 2012, , .		1
16	Voice pathology detection with predictable component analysis and wavelet decomposition model. , 2011, , .		1
17	Predictability analysis of voice signals. IEEE Engineering in Medicine and Biology Magazine, 2009, 28, 30-34.	0.8	12
18	Relative entropy measures applied to healthy and pathological voice characterization. Applied Mathematics and Computation, 2009, 207, 95-108.	2.2	31

#	Article	IF	Citations
19	Wavelet-based dynamic time warping. Journal of Computational and Applied Mathematics, 2009, 227, 271-287.	2.0	12
20	Wavelet-based cepstrum calculation. Journal of Computational and Applied Mathematics, 2009, 227, 288-293.	2.0	7
21	Introduction to the Discrete Shapelet Transform and a new paradigm: Joint time-frequency-shape analysis. , 2008, , .		20
22	Analysis of Voice Pathology Evolution Using Entropy Rate. , 2008, , .		10
23	A Fractal-Based Approach for Speech Segmentation. , 2008, , .		8
24	SPOKEN DOCUMENT SUMMARIZATION BASED ON DYNAMIC TIME WARPING AND WAVELETS. International Journal of Semantic Computing, 2007, 01, 347-357.	0.5	5
25	Wavelet time-frequency analysis and least squares support vector machines for the identification of voice disorders. Computers in Biology and Medicine, 2007, 37, 571-578.	7.0	111
26	Autoregressive decomposition and pole tracking applied to vocal fold nodule signals. Pattern Recognition Letters, 2007, 28, 1360-1367.	4.2	19
27	MinimizaÃ§Ã£o de ruÃdo eletroquÃmico usando processamento digital de sinais. Semina: CiÃªncias Exatas E TecnolÃ³gicas, 2004, 25, 135.	0.1	1
28	Application of Autoregressive Decomposition and Pole Tracking to Pathological Voice Signals. , 0, , .		2