

Jose Alexandre De Franca

List of Publications by Year in descending order

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citations

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all docs

23
docs citations

23
times ranked

385
citing authors

#	ARTICLE	IF	CITATIONS
1	Fringing Field Capacitive Sensor for Measuring Soil Water Content: Design, Manufacture, and Testing. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 212-220.	4.7	49
2	A new robust algorithmic for multi-camera calibration with a 1D object under general motions without prior knowledge of any camera intrinsic parameter. Pattern Recognition, 2012, 45, 3636-3647.	8.1	31
3	Synthesis, Leishmanicidal Activity and Theoretical Evaluations of a Series of Substituted bis-2-Hydroxy-1,4-Naphthoquinones. Molecules, 2014, 19, 15180-15195.	3.8	31
4	Development of a Hardware Platform for Detection of Milk Adulteration Based on Near-Infrared Diffuse Reflection. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1698-1706.	4.7	30
5	A NIR Photometer Prototype With Integrating Sphere for the Detection of Added Water in Raw Milk. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 2812-2819.	4.7	27
6	Revisiting Zhang's 1D calibration algorithm. Pattern Recognition, 2010, 43, 1180-1187.	8.1	26
7	A Low-Cost NIR Digital Photometer Based on InGaAs Sensors for the Detection of Milk Adulterations With Water. IEEE Sensors Journal, 2016, 16, 3653-3663.	4.7	23
8	Development of 3-D Ultrasonic Anemometer With Nonorthogonal Geometry for the Determination of High-Intensity Winds. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 2836-2844.	4.7	13
9	Neural networks applied to the design of dry-type transformers: an example to analyze the winding temperature and elevate the thermal quality. International Transactions on Electrical Energy Systems, 2017, 27, e2257.	1.9	10
10	DuraÃ§Ã£o e porcentagem de molhamento foliar determinados pelo espaÃ§amento entrelinhas, e influÃªncia sobre a ferrugem asiÃ¡tica da soja. Summa Phytopathologica, 2014, 40, 123-127.	0.1	9
11	Application of prediction models of asian soybean rust in two crop seasons, in Londrina, Pr. Semina:Ciencias Agrarias, 2016, 37, 2881.	0.3	8
12	Calibration of a Photometer for Quantification of Ethanol in Gasoline: Absorbance Determination. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 2119-2128.	4.7	7
13	Development and testing of a hardware platform for measuring instruments based on near-infrared diffuse reflection. Measurement: Journal of the International Measurement Confederation, 2016, 86, 14-25.	5.0	6
14	Spectral characterization and quantification of Phakopsora pachyrhizi urediniospores by Fourier transformed infrared with attenuated total reflectance. European Journal of Plant Pathology, 2019, 154, 1149-1157.	1.7	6
15	Estimation of soybean leaf wetness from meteorological variables. Pesquisa Agropecuaria Brasileira, 2018, 53, 1087-1092.	0.9	3
16	Characterisation of Trichoderma strains using FTIR-ATR spectroscopy and molecular analysis. European Journal of Plant Pathology, 2022, 162, 945-956.	1.7	3
17	Recovering of Corrupted Ultrasonic Waves, for Determination of TOF Using the Zero-Crossing Detection Technique. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4234-4241.	4.7	2
18	Uma implementaÃ§Ã£o do algoritmo Levenberg-Marquardt dividido para aplicaÃ§Ãµes em visÃ£o computacional.. Semina: CiÃªncias Exatas E TecnolÃ³gicas, 2009, 30, 51.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Dynamics design and simulation for mobile robots navigation systems. , 2009, , .		1
20	A Distributed and Wireless Data Acquisition System to Fight Against Sugarcane Orange Rust. Journal of Control, Automation and Electrical Systems, 2013, 24, 831-842.	2.0	1
21	Evaluation of the influence of sample variability on the calibration of a NIR photometer for quantification of ethanol in gasoline. Measurement Science and Technology, 2019, 30, 075501.	2.6	1
22	Nonlinear Estimation of the Fundamental Matrix with Only Five Unknowns. IEEE Latin America Transactions, 2014, 12, 783-791.	1.6	0
23	Frontier solution and recovery of corrupted ultrasonic echoes on an anemometer, using zero-crossing technique. , 2017, , .		0