

Juan Prado

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

584
citations

1307594

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752698

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docs citations

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times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Methods for Sensing the Nitrogen Status in Plants: Advantages, Disadvantages and Recent Advances. <i>Sensors</i> , 2013, 13, 10823-10843.	3.8	418
2	An Analysis of Electrical Impedance Measurements Applied for Plant N Status Estimation in Lettuce (<i>Lactuca sativa</i>). <i>Sensors</i> , 2014, 14, 11492-11503.	3.8	44
3	Power Losses Models for Magnetic Cores: A Review. <i>Micromachines</i> , 2022, 13, 418.	2.9	22
4	Assessment technique for acne treatments based on statistical parameters of skin thermal images. <i>Journal of Biomedical Optics</i> , 2014, 19, 046019.	2.6	9
5	A streaming architecture for Convolutional Neural Networks based on layer operations chaining. <i>Journal of Real-Time Image Processing</i> , 2020, 17, 1715-1733.	3.5	9
6	Current Status of Optical Systems for Measuring Lycopene Content in Fruits: Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9332.	2.5	9
7	Upper Limb Movement Measurement Systems for Cerebral Palsy: A Systematic Literature Review. <i>Sensors</i> , 2021, 21, 7884.	3.8	9
8	Local Path Planning for Autonomous Vehicles Based on the Natural Behavior of the Biological Action-Perception Motion. <i>Energies</i> , 2022, 15, 1769.	3.1	8
9	Kinect v2-Assisted Semi-Automated Method to Assess Upper Limb Motor Performance in Children. <i>Sensors</i> , 2022, 22, 2258.	3.8	8
10	Study on simple reaction and choice times in patients with type I diabetes. <i>Computers in Biology and Medicine</i> , 2013, 43, 368-376.	7.0	7
11	Electrical Impedance Tomography Technical Contributions for Detection and 3D Geometric Localization of Breast Tumors: A Systematic Review. <i>Micromachines</i> , 2022, 13, 496.	2.9	7
12	Nondestructive Quantification of the Ripening Process in Banana (<i>Musa AAB Simmonds</i>) Using Multispectral Imaging. <i>Journal of Sensors</i> , 2019, 2019, 1-12.	1.1	6
13	Development and Application of a Fuzzy Control System for a Lead-Acid Battery Bank Connected to a DC Microgrid. <i>International Journal of Photoenergy</i> , 2018, 2018, 1-14.	2.5	5
14	Electrical Impedance-Based Methodology for Locating Carcinoma Emulators on Breast Models. <i>Journal of Sensors</i> , 2019, 2019, 1-16.	1.1	5
15	A streaming accelerator of Convolutional Neural Networks for resource-limited applications. <i>IEICE Electronics Express</i> , 2019, 16, 20190633-20190633.	0.8	5
16	Mathematical Modeling to Estimate Photosynthesis: A State of the Art. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5537.	2.5	4
17	Robust Stabilization of Linear Switched Systems with Unstable Subsystems. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2620.	2.5	3
18	New Four Points Initialization for Digital Image Correlation in Metal-Sheet Strain Measurements. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1691.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Design of an analysis virtual tool for PV sourced microgrid systems. Computer Applications in Engineering Education, 2018, 26, 1653-1667.	3.4	2
20	Black-Box Mathematical Model for Net Photosynthesis Estimation and Its Digital IoT Implementation Based on Non-Invasive Techniques: Capsicum annum L. Study Case. Sensors, 2022, 22, 5275.	3.8	1
21	Measurement of the visual system response and its correlation with the central nervous system in patients diagnosed with type 2 diabetes mellitus (T2DM). Biocybernetics and Biomedical Engineering, 2020, 40, 1499-1511.	5.9	0
22	IoT-CAN based system for remote monitoring and control of DC microgrids. , 2021, , .		0
23	Localizaci3n de emuladores de carcinomas en modelos experimentales de mama mediante tomografAa de impedancia el3ctrica basada en linear back projection. Nova Scientia, 2020, 12, .	0.1	0
24	A Case Study in Breast Density Evaluation Using Bioimpedance Measurements. Sensors, 2022, 22, 2747.	3.8	0