

Juan Prado

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1624245/publications.pdf>

Version: 2024-02-01

24
papers

584
citations

1307594

7
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Local Path Planning for Autonomous Vehicles Based on the Natural Behavior of the Biological Action-Perception Motion. Energies, 2022, 15, 1769.	3.1	8
2	Kinect v2-Assisted Semi-Automated Method to Assess Upper Limb Motor Performance in Children. Sensors, 2022, 22, 2258.	3.8	8
3	Electrical Impedance Tomography Technical Contributions for Detection and 3D Geometric Localization of Breast Tumors: A Systematic Review. Micromachines, 2022, 13, 496.	2.9	7
4	Power Losses Models for Magnetic Cores: A Review. Micromachines, 2022, 13, 418.	2.9	22
5	A Case Study in Breast Density Evaluation Using Bioimpedance Measurements. Sensors, 2022, 22, 2747.	3.8	0
6	Mathematical Modeling to Estimate Photosynthesis: A State of the Art. Applied Sciences (Switzerland), 2022, 12, 5537.	2.5	4
7	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
8	IoT-CAN based system for remote monitoring and control of DC microgrids. , 2021, , .		0
9	Current Status of Optical Systems for Measuring Lycopene Content in Fruits: Review. Applied Sciences (Switzerland), 2021, 11, 9332.	2.5	9
10	Upper Limb Movement Measurement Systems for Cerebral Palsy: A Systematic Literature Review. Sensors, 2021, 21, 7884.	3.8	9
11	A streaming architecture for Convolutional Neural Networks based on layer operations chaining. Journal of Real-Time Image Processing, 2020, 17, 1715-1733.	3.5	9
12	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
13	Localización de emuladores de carcinomas en modelos experimentales de mama mediante tomografía de impedancia eléctrica basada en linear back projection. Nova Scientia, 2020, 12, .	0.1	0
14	Electrical Impedance-Based Methodology for Locating Carcinoma Emulators on Breast Models. Journal of Sensors, 2019, 2019, 1-16.	1.1	5
15	New Four Points Initialization for Digital Image Correlation in Metal-Sheet Strain Measurements. Applied Sciences (Switzerland), 2019, 9, 1691.	2.5	3
16	Nondestructive Quantification of the Ripening Process in Banana (<i>Musa AAB Simmonds</i>) Using Multispectral Imaging. Journal of Sensors, 2019, 2019, 1-12.	1.1	6
17	A streaming accelerator of Convolutional Neural Networks for resource-limited applications. IEICE Electronics Express, 2019, 16, 20190633-20190633.	0.8	5
18	Robust Stabilization of Linear Switched Systems with Unstable Subsystems. Applied Sciences (Switzerland), 2018, 8, 2620.	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	Development and Application of a Fuzzy Control System for a Lead-Acid Battery Bank Connected to a DC Microgrid. International Journal of Photoenergy, 2018, 2018, 1-14.	2.5	5
21	An Analysis of Electrical Impedance Measurements Applied for Plant N Status Estimation in Lettuce (Lactuca sativa). Sensors, 2014, 14, 11492-11503.	3.8	44
22	Assessment technique for acne treatments based on statistical parameters of skin thermal images. Journal of Biomedical Optics, 2014, 19, 046019.	2.6	9
23	Study on simple reaction and choice times in patients with type I diabetes. Computers in Biology and Medicine, 2013, 43, 368-376.	7.0	7
24	A Review of Methods for Sensing the Nitrogen Status in Plants: Advantages, Disadvantages and Recent Advances. Sensors, 2013, 13, 10823-10843.	3.8	418