

Juan Luis CarÃ³s

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4893708/publications.pdf>

Version: 2024-02-01

18
papers

270
citations

1307594

7
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Driver Distraction Using Visual-Based Sensors and Algorithms. <i>Sensors</i> , 2016, 16, 1805.	3.8	85
2	An automatic data mining method to detect abnormal human behaviour using physical activity measurements. <i>Pervasive and Mobile Computing</i> , 2014, 15, 228-241.	3.3	38
3	Temperature Monitoring for Electrical Substations Using Infrared Thermography: Architecture for Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 5667-5677.	11.3	34
4	An IoT open source platform for photovoltaic plants supervision. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 125, 106540.	5.5	34
5	Robust Detection, Classification and Localization of Defects in Large Photovoltaic Plants Based on Unmanned Aerial Vehicles and Infrared Thermography. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5948.	2.5	23
6	Methodology for Quantifying the Energy Saving Potentials Combining Building Retrofitting, Solar Thermal Energy and Geothermal Resources. <i>Energies</i> , 2020, 13, 5970.	3.1	14
7	A fast and robust decision support system for in-line quality assessment of resistance seam welds in the steelmaking industry. <i>Computers in Industry</i> , 2012, 63, 222-230.	9.9	12
8	Evaluation of Dust Deposition on Parabolic Trough Collectors in the Visible and Infrared Spectrum. <i>Sensors</i> , 2020, 20, 6249.	3.8	8
9	Unobtrusive health monitoring system using video-based physiological information and activity measurements. , 2015, , .		4
10	A Non-invasive and Autonomous Physical Activity Measurement System for the Elderly. , 2013, , .		3
11	Estimation of PM10 Distribution using Landsat5 and Landsat8 Remote Sensing. <i>Proceedings (mdpi)</i> , 2018, 2, 1430.	0.2	3
12	Computational Tools for Analysing Air Pollutants Dispersion: A Comparative Review. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	2
13	What Do Elderly Users Want and Need from Fitness Technologies?. <i>Advances in Psychology, Mental Health, and Behavioral Studies</i> , 2016, , 104-126.	0.1	2
14	JIM: a novel and efficient accelerometric magnitude to measure physical activity. <i>Studies in Health Technology and Informatics</i> , 2012, 177, 283-8.	0.3	2
15	An Industry 4.0 Approach for Photovoltaic Plants Monitoring. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	1
16	An Evapotranspiration Evolution Model as a Function of Meteorological Variables: A CFD Model Approach. <i>Sustainability</i> , 2022, 14, 3800.	3.2	1
17	Methodology for the Study of the Air Dispersion of the Industrial Contaminants Taking into Account the Orography. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	0
18	Unsupervised abnormal human behaviour detection using acceleration data. <i>Studies in Health Technology and Informatics</i> , 2013, 189, 65-70.	0.3	0