Juan Luis CarÃºs

List of Publications by Year
in descending order

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