José Otero Rodríguez

List of Publications by Year
in descending order

32 papers	**1,557** citations	933447 **10** h-index	610901 **24** g-index
34 all docs	**34** docs citations	**34** times ranked	**1266** citing authors

#	Article	IF	Citations
1	Analysis of Students' Online Interactions in the Covid Era from the Perspective of Anomaly Detection. Advances in Intelligent Systems and Computing, 2022, , 305-314.	0.6	1
2	Online Estimation of the State of Health of a Rechargeable Battery Through Distal Learning of a Fuzzy Model. Advances in Intelligent Systems and Computing, 2020, , 68-77.	0.6	0
3	Health assessment of LFP automotive batteries using a fractional-order neural network. Neurocomputing, 2020, 391, 345-354.	5.9	20
4	Distal learning of the incremental capacity curve of a LiFePO4 battery. Logic Journal of the IGPL, 2020, , .	1.5	1
5	Health Monitoring of Automotive Batteries in Fast-Charging Conditions Through a Fuzzy Model of the Incremental Capacity. Studies in Computational Intelligence, 2020, , 155-164.	0.9	0
6	Assessing the Health of LiFePO4 Traction Batteries through Monotonic Echo State Networks. Sensors, 2018, 18, 9.	3.8	29
7	A Model-Based Virtual Sensor for Condition Monitoring of Li-Ion Batteries in Cyber-Physical Vehicle Systems. Journal of Sensors, 2017, 2017, 1-12.	1.1	10
8	Finding informative code metrics under uncertainty for predicting the pass rate of online courses. Information Sciences, 2016, 373, 42-56.	6.9	8
9	Battery diagnosis for electrical vehicles through semi-physical fuzzy models. , 2016, , .		2
10	Local iterative DLT soft-computing vs. interval-valued stereo calibration and triangulation with uncertainty bounding in 3D reconstruction. Neurocomputing, 2015, 167, 44-51.	5.9	6
11	A Procedure for Extending Input Selection Algorithms to Low Quality Data in Modelling Problems with Application to the Automatic Grading of Uploaded Assignments. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	1
12	Bootstrap analysis of multiple repetitions of experiments using an interval-valued multiple comparison procedure. Journal of Computer and System Sciences, 2014, 80, 88-100.	1.2	8
13	Selecting the Most Informative Inputs in Modelling Problems with Vague Data Applied to the Search of Informative Code Metrics for Continuous Assessment in Computer Science Online Courses. Lecture Notes in Computer Science, 2014, , 299-308.	1.3	2
14	Soft methods for bounding the uncertainty of stereo calibration and triangulation. , 2013, , .		1
15	Managing stochastic algorithms cross-validation variability using an interval valued multiple comparison procedure. , 2011, , .		0
16	A low-cost 3D human interface device using GPU-based optical flow algorithms. Integrated Computer-Aided Engineering, 2011, 18, 391-400.	4.6	10
17	Taximeter verification with GPS and soft computing techniques. Soft Computing, 2010, 14, 405-418.	3.6	9
18	Graphical Exploratory Analysis of Educational Knowledge Surveys with Missing and Conflictive Answers Using Evolutionary Techniques. Lecture Notes in Computer Science, 2010, , 45-52.	1.3	0

#	Article	IF	Citations
19	Using Fuzzy Techniques for Bounding the Tolerance of GPS-Based Speed and Distance Measurements in Taximeter Verification. , 2009, , .		0
20	KEEL: a software tool to assess evolutionary algorithms for data mining problems. Soft Computing, 2009, 13, 307-318.	3.6	1,165
21	Obtaining linguistic fuzzy rule-based regression models from imprecise data with multiobjective genetic algorithms. Soft Computing, 2009, 13, 467-479.	3.6	30
22	Taximeter verification using imprecise data from GPS. Engineering Applications of Artificial Intelligence, 2009, 22, 250-260.	8.1	10
23	Fuzzy-genetic optimization of the parameters of a low cost system for the optical measurement of several dimensions of vehicles. Soft Computing, 2008, 12, 751-764.	3.6	9
24	Learning Fuzzy Linguistic Models from Low Quality Data by Genetic Algorithms. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	9
25	Boosting fuzzy rules in classification problems under single-winner inference. International Journal of Intelligent Systems, 2007, 22, 1021-1034.	5.7	36
26	Genetic learning of accurate and compact fuzzy rule based systems based on the 2-tuples linguistic representation. International Journal of Approximate Reasoning, 2007, 44, 45-64.	3.3	104
27	Longest path estimation from inherently fuzzy data acquired with GPS using genetic algorithms. , 2006, , .		7
28	Induction of descriptive fuzzy classifiers with the Logitboost algorithm. Soft Computing, 2006, 10, 825-835.	3.6	63
29	Genetic Algorithms for Estimating Longest Path from Inherently Fuzzy Data Acquired with GPS. Lecture Notes in Computer Science, 2006, , 232-240.	1.3	0
30	A fast genetic method for inducting descriptive fuzzy models. Fuzzy Sets and Systems, 2004, 141, 33-46.	2.7	12
31	3D motion estimation of bubbles of gas in fluid glass, using an optical flow gradient technique extended to a third dimension. Machine Vision and Applications, 2003, 14, 185-191.	2.7	1
32	Optical Flow Calculation Using Look-Up Tables. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 47-52.	0.4	2