José Otero Rodríguez

List of Publications by Year
in descending order

32 papers	1,557 citations	932766 10 h-index	610482 24 g-index
34 all docs	34 docs citations	34 times ranked	1266 citing authors

#	Article	IF	Citations
1	KEEL: a software tool to assess evolutionary algorithms for data mining problems. Soft Computing, 2009, 13, 307-318.	2.1	1,165
2	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.	1.9	104
3	Induction of descriptive fuzzy classifiers with the Logitboost algorithm. Soft Computing, 2006, 10, 825-835.	2.1	63
4	Boosting fuzzy rules in classification problems under single-winner inference. International Journal of Intelligent Systems, 2007, 22, 1021-1034.	3.3	36
5	Obtaining linguistic fuzzy rule-based regression models from imprecise data with multiobjective genetic algorithms. Soft Computing, 2009, 13, 467-479.	2.1	30
6	Assessing the Health of LiFePO4 Traction Batteries through Monotonic Echo State Networks. Sensors, 2018, 18, 9.	2.1	29
7	Health assessment of LFP automotive batteries using a fractional-order neural network. Neurocomputing, 2020, 391, 345-354.	3.5	20
8	A fast genetic method for inducting descriptive fuzzy models. Fuzzy Sets and Systems, 2004, 141, 33-46.	1.6	12
9	Taximeter verification using imprecise data from GPS. Engineering Applications of Artificial Intelligence, 2009, 22, 250-260.	4.3	10
10	A low-cost 3D human interface device using GPU-based optical flow algorithms. Integrated Computer-Aided Engineering, 2011, 18, 391-400.	2.5	10
11	A Model-Based Virtual Sensor for Condition Monitoring of Li-Ion Batteries in Cyber-Physical Vehicle Systems. Journal of Sensors, 2017, 2017, 1-12.	0.6	10
12	Learning Fuzzy Linguistic Models from Low Quality Data by Genetic Algorithms. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	9
13	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.	2.1	9
14	Taximeter verification with GPS and soft computing techniques. Soft Computing, 2010, 14, 405-418.	2.1	9
15	Bootstrap analysis of multiple repetitions of experiments using an interval-valued multiple comparison procedure. Journal of Computer and System Sciences, 2014, 80, 88-100.	0.9	8
16	Finding informative code metrics under uncertainty for predicting the pass rate of online courses. Information Sciences, 2016, 373, 42-56.	4.0	8
17	Longest path estimation from inherently fuzzy data acquired with GPS using genetic algorithms. , 2006, , .		7
18	Local iterative DLT soft-computing vs. interval-valued stereo calibration and triangulation with uncertainty bounding in 3D reconstruction. Neurocomputing, 2015, 167, 44-51.	3.5	6

#	Article	IF	Citations
19	Optical Flow Calculation Using Look-Up Tables. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 47-52.	0.4	2
20	Battery diagnosis for electrical vehicles through semi-physical fuzzy models. , 2016, , .		2
21	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.	1.0	2
22	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.	1.7	1
23	Soft methods for bounding the uncertainty of stereo calibration and triangulation. , 2013, , .		1
24	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.	0.8	1
25	Distal learning of the incremental capacity curve of a LiFePO4 battery. Logic Journal of the IGPL, 2020, , .	1.3	1
26	Analysis of Students' Online Interactions in the Covid Era from the Perspective of Anomaly Detection. Advances in Intelligent Systems and Computing, 2022, , 305-314.	0.5	1
27	Using Fuzzy Techniques for Bounding the Tolerance of GPS-Based Speed and Distance Measurements in Taximeter Verification. , 2009, , .		0
28	Managing stochastic algorithms cross-validation variability using an interval valued multiple comparison procedure. , 2011, , .		0
29	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.	0.5	0
30	Genetic Algorithms for Estimating Longest Path from Inherently Fuzzy Data Acquired with GPS. Lecture Notes in Computer Science, 2006, , 232-240.	1.0	0
31	Graphical Exploratory Analysis of Educational Knowledge Surveys with Missing and Conflictive Answers Using Evolutionary Techniques. Lecture Notes in Computer Science, 2010, , 45-52.	1.0	0
32	Health Monitoring of Automotive Batteries in Fast-Charging Conditions Through a Fuzzy Model of the Incremental Capacity. Studies in Computational Intelligence, 2020, , 155-164.	0.7	0