

# JosÃ© Otero RodrÃ­guez

## List of Publications by Year in descending order

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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	Analysis of Studentsâ€™ Online Interactions in the Covid Era from the Perspective of Anomaly Detection. <i>Advances in Intelligent Systems and Computing</i> , 2022, , 305-314.	0.5	1
2	Online Estimation of the State of Health of a Rechargeable Battery Through Distal Learning of a Fuzzy Model. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 68-77.	0.5	0
3	Health assessment of LFP automotive batteries using a fractional-order neural network. <i>Neurocomputing</i> , 2020, 391, 345-354.	3.5	20
4	Distal learning of the incremental capacity curve of a LiFePO4 battery. <i>Logic Journal of the IGPL</i> , 2020, , .	1.3	1
5	Health Monitoring of Automotive Batteries in Fast-Charging Conditions Through a Fuzzy Model of the Incremental Capacity. <i>Studies in Computational Intelligence</i> , 2020, , 155-164.	0.7	0
6	Assessing the Health of LiFePO4 Traction Batteries through Monotonic Echo State Networks. <i>Sensors</i> , 2018, 18, 9.	2.1	29
7	A Model-Based Virtual Sensor for Condition Monitoring of Li-Ion Batteries in Cyber-Physical Vehicle Systems. <i>Journal of Sensors</i> , 2017, 2017, 1-12.	0.6	10
8	Finding informative code metrics under uncertainty for predicting the pass rate of online courses. <i>Information Sciences</i> , 2016, 373, 42-56.	4.0	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. <i>Neurocomputing</i> , 2015, 167, 44-51.	3.5	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. <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	0.8	1
12	Bootstrap analysis of multiple repetitions of experiments using an interval-valued multiple comparison procedure. <i>Journal of Computer and System Sciences</i> , 2014, 80, 88-100.	0.9	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. <i>Lecture Notes in Computer Science</i> , 2014, , 299-308.	1.0	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. <i>Integrated Computer-Aided Engineering</i> , 2011, 18, 391-400.	2.5	10
17	Taximeter verification with GPS and soft computing techniques. <i>Soft Computing</i> , 2010, 14, 405-418.	2.1	9
18	Graphical Exploratory Analysis of Educational Knowledge Surveys with Missing and Conflictive Answers Using Evolutionary Techniques. <i>Lecture Notes in Computer Science</i> , 2010, , 45-52.	1.0	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.	2.1	1,165
21	Obtaining linguistic fuzzy rule-based regression models from imprecise data with multiobjective genetic algorithms. Soft Computing, 2009, 13, 467-479.	2.1	30
22	Taximeter verification using imprecise data from GPS. Engineering Applications of Artificial Intelligence, 2009, 22, 250-260.	4.3	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.	2.1	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.	3.3	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.	1.9	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.	2.1	63
29	Genetic Algorithms for Estimating Longest Path from Inherently Fuzzy Data Acquired with GPS. Lecture Notes in Computer Science, 2006, , 232-240.	1.0	0
30	A fast genetic method for inducting descriptive fuzzy models. Fuzzy Sets and Systems, 2004, 141, 33-46.	1.6	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.	1.7	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