Carlos Javier Alonso GonzÃ¡lez

List of Publications by Year
in descending order

23 papers	1,953 citations	1040056 9 h-index	940533 16 g-index
23 all docs	23 docs citations	23 times ranked	2123 citing authors

#	Article	IF	Citations
1	Rotation Forest: A New Classifier Ensemble Method. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 1619-1630.	13.9	1,558
2	Possible Conflicts: A Compilation Technique for Consistency-Based Diagnosis. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 2192-2206.	5.0	94
3	Support vector machines of interval-based features for time series classification. Knowledge-Based Systems, 2005, 18, 171-178.	7.1	68
4	Interval and dynamic time warping-based decision trees. , 2004, , .		51
5	Microarray gene expression classification with few genes: Criteria to combine attribute selection and classification methods. Expert Systems With Applications, 2012, 39, 7270-7280.	7.6	45
6	Stacking for multivariate time series classification. Pattern Analysis and Applications, 2015, 18, 297-312.	4.6	32
7	Integration of Simulation and State Observers for Online Fault Detection of Nonlinear Continuous Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 1553-1568.	9.3	27
8	A Common Framework for Compilation Techniques Applied to Diagnosis of Linear Dynamic Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 863-876.	9.3	23
9	Basic tasks for knowledge-based supervision in process control. Engineering Applications of Artificial Intelligence, 2001, 14, 441-455.	8.1	12
10	On-line industrial supervision and diagnosis, knowledge level description and experimental results. Expert Systems With Applications, 2001, 20, 117-132.	7.6	9
11	Analyzing the Influence of Differential Constraints in Possible Conflict and ARR Computation. Lecture Notes in Computer Science, 2010, , 11-21.	1.3	7
12	A Big Data Architecture for Fault Prognostics of Electronic Devices: Application to Power MOSFETs. IEEE Access, 2019, 7, 102160-102173.	4.2	7
13	A Common Framework for Fault Diagnosis of Parametric and Discrete Faults Using Possible Conflicts. Lecture Notes in Computer Science, 2013, , 239-249.	1.3	4
14	GIS-based DSS for optimal placement for oceanic power generation: OCEANLIDER project, Spanish coastline study. , 2013, , .		3
15	DxPCs: a toolbox for model-based diagnosis of dynamic systems using possible conflicts. Progress in Artificial Intelligence, 2016, 5, 111-120.	2.4	3
16	Ensemble Methods and Model Based Diagnosis Using Possible Conflicts and System Decomposition. Lecture Notes in Computer Science, 2010, , 116-125.	1.3	3
17	Dynamic Bayesian Network Factors from Possible Conflicts for Continuous System Diagnosis. Lecture Notes in Computer Science, 2011, , 223-232.	1.3	3
18	Selecting Few Genes for Microarray Gene Expression Classification. Lecture Notes in Computer Science, 2010, , 111-120.	1.3	2

#	Article	IF	Citations
19	Hybrid Bond-Graph Possible Conflicts for Hybrid Systems Fault Diagnosis. , 2018, , 123-152.		1
20	Model-Based Diagnosis by the Artificial Intelligence Community: Alternatives to GDE and Diagnosis of Dynamic Systems. , 2019, , 125-152.		1
21	Rotation Forest on Microarray Domain: PCA versus ICA. Lecture Notes in Computer Science, 2010, , 96-105.	1.3	0
22	Characterizing and Computing HBG-PCs for Hybrid Systems Fault Diagnosis. Lecture Notes in Computer Science, 2015, , 116-127.	1.3	0
23	Faster and more accurate FDI for hybrid systems using hybrid possible conflicts. , 2016, , .		0