Pedro Gonzalez

List of Publications by Year
in descending order

35 papers	867 citations	758635 12 h-index	676716 22 g-index
35 all docs	35 docs citations	35 times ranked	580 citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of Data Stream Classification Neural Network Models Over Big Data Platforms. Lecture Notes in Computer Science, 2021, , 272-280.	1.0	0
2	A cellular-based evolutionary approach for the extraction of emerging patterns in massive data streams. Expert Systems With Applications, 2021, 183, 115419.	4.4	1
3	A Preliminary Many Objective Approach for Extracting Fuzzy Emerging Patterns. Advances in Intelligent Systems and Computing, 2021, , 100-110.	0.5	0
4	E2PAMEA: A fast evolutionary algorithm for extracting fuzzy emerging patterns in big data environments. Neurocomputing, 2020, 415, 60-73.	3.5	5
5	FEPDS: A Proposal for the Extraction of Fuzzy Emerging Patterns in Data Streams. IEEE Transactions on Fuzzy Systems, 2020, 28, 3193-3203.	6.5	5
6	An analysis of technological frameworks for data streams. Progress in Artificial Intelligence, 2020, 9, 239-261.	1.5	1
7	Study on the use of different quality measures within a multi-objective evolutionary algorithm approach for emerging pattern mining in big data environments. Big Data Analytics, 2019, 4, .	2.2	4
8	A Big Data Approach for the Extraction of Fuzzy Emerging Patterns. Cognitive Computation, 2019, 11, 400-417.	3.6	8
9	MOEA-EFEP: Multi-Objective Evolutionary Algorithm for Extracting Fuzzy Emerging Patterns. IEEE Transactions on Fuzzy Systems, 2018, 26, 2861-2872.	6.5	16
10	Improvement of subgroup descriptions in noisy data by detecting exceptions. Progress in Artificial Intelligence, 2018, 7, 55-64.	1.5	0
11	MEFASD-BD: Multi-objective evolutionary fuzzy algorithm for subgroup discovery in big data environments - A MapReduce solution. Knowledge-Based Systems, 2017, 117, 70-78.	4.0	33
12	A first approach to handle fuzzy emerging patterns mining on big data problems: The EvAEFP-spark algorithm. , 2017, , .		4
13	Subgroup Discovery with Evolutionary Fuzzy Systems in R: The SDEFSR Package. R Journal, 2016, 8, 307.	0.7	4
14	A fuzzy genetic programming-based algorithm for subgroup discovery and the application to one problem of pathogenesis of acute sore throat conditions in humans. Information Sciences, 2015, 298, 180-197.	4.0	40
15	Overview on evolutionary subgroup discovery: analysis of the suitability and potential of the search performed by evolutionary algorithms. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2014, 4, 87-103.	4.6	32
16	MEFES: An evolutionary proposal for the detection of exceptions in subgroup discovery. An application to Concentrating Photovoltaic Technology. Knowledge-Based Systems, 2013, 54, 73-85.	4.0	18
17	An evolutionary fuzzy system for the detection of exceptions in subgroup discovery. , 2013, , .		0
18	Genetic lateral tuning for subgroup discovery with fuzzy rules using the algorithm NMEEF-SD. International Journal of Computational Intelligence Systems, 2012, 5, 355.	1.6	7

#	Article	IF	Citations
19	A preliminary study on missing data imputation in evolutionary fuzzy systems of subgroup discovery. , 2012, , .		2
20	An analysis on the use of pre-processing methods in evolutionary fuzzy systems for subgroup discovery. Expert Systems With Applications, 2012, 39, 11404-11412.	4.4	5
21	Analysis of the impact of using different diversity functions for the subgroup discovery algorithm NMEEF-SD. , 2011, , .		2
22	Subgroup discovery in an e-learning usage study based on Moodle. , 2011, , .		9
23	On the discovery of association rules by means of evolutionary algorithms. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2011, 1, 397-415.	4.6	35
24	Evolutionary fuzzy rule extraction for subgroup discovery in a psychiatric emergency department. Soft Computing, 2011, 15, 2435-2448.	2.1	50
25	An overview on subgroup discovery: foundations and applications. Knowledge and Information Systems, 2011, 29, 495-525.	2.1	229
26	NMEEF-SD: Non-dominated Multiobjective Evolutionary Algorithm for Extracting Fuzzy Rules in Subgroup Discovery. IEEE Transactions on Fuzzy Systems, 2010, 18, 958-970.	6.5	102
27	Evolutionary algorithms for subgroup discovery applied to e-learning data. , 2010, , .		15
28	An analysis of evolutionary algorithms with different types of fuzzy rules in subgroup discovery. , 2009, , .		5
29	Evolutionary algorithms for subgroup discovery in e-learning: A practical application using Moodle data. Expert Systems With Applications, 2009, 36, 1632-1644.	4.4	80
30	Non-dominated Multi-objective Evolutionary Algorithm Based on Fuzzy Rules Extraction for Subgroup Discovery. Lecture Notes in Computer Science, 2009, , 573-580.	1.0	10
31	Subgroup Discovery with Linguistic Rules. , 2008, , 411-430.		2
32	Evolutionary Fuzzy Rule Induction Process for Subgroup Discovery: A Case Study in Marketing. IEEE Transactions on Fuzzy Systems, 2007, 15, 578-592.	6.5	81
33	Multiobjective Genetic Algorithm for Extracting Subgroup Discovery Fuzzy Rules. , 2007, , .		30
34	Multiobjective Evolutionary Induction of Subgroup Discovery Fuzzy Rules: A Case Study in Marketing. Lecture Notes in Computer Science, 2006, , 337-349.	1.0	31
35	FuGePSD: Fuzzy Genetic Programming-based algorithm for Subgroup Discovery. , 0, , .		1