JesÃºs Soto

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2400167/publications.pdf

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17	200	1307594	1058476
papers	citations	7	14
		h-index	g-index

17	17	17	305
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dealing with Distances and Transformations for Fuzzy C-Means Clustering of Compositional Data. Journal of Classification, 2012, 29, 144-169.	2.2	58
2	Using SWAT and Fuzzy TOPSIS to Assess the Impact of Climate Change in the Headwaters of the Segura River Basin (SE Spain). Water (Switzerland), 2017, 9, 149.	2.7	50
3	Parallel implementation of fuzzy minimals clustering algorithm. Expert Systems With Applications, 2016, 48, 35-41.	7.6	23
4	Improving probabilities in a fuzzy clustering partition. Fuzzy Sets and Systems, 2008, 159, 406-421.	2.7	14
5	Developing an intelligent system for the prediction of soil properties with a portable mid-infrared instrument. Biosystems Engineering, 2019, 177, 101-108.	4.3	14
6	A fuzzy clustering application to precise orbit determination. Journal of Computational and Applied Mathematics, 2007, 204, 137-143.	2.0	12
7	High-Throughput Infrastructure for Advanced ITS Services: A Case Study on Air Pollution Monitoring. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2246-2257.	8.0	8
8	Fuzzy clustering as rational partition method for QSAR. Chemometrics and Intelligent Laboratory Systems, 2017, 166, 1-6.	3.5	6
9	High-throughput fuzzy clustering on heterogeneous architectures. Future Generation Computer Systems, 2020, 106, 401-411.	7.5	5
10	Resource assignment in intelligent environments based on similarity, trust and reputation. Journal of Ambient Intelligence and Smart Environments, 2014, 6, 199-214.	1.4	4
11	A novel fuzzy clustering approach to regionalise watersheds with an automatic determination of optimal number of clusters. Journal of Hydrology and Hydromechanics, 2017, 65, 359-365.	2.0	3
12	Application of Modern Drug Discovery Techniques in the Context of Diabetes Mellitus and Atherosclerosis. Drug Designing: Open Access, 2015, 04, .	0.2	1
13	An unsupervised technique to discretize numerical values by fuzzy partitions. Journal of Ambient Intelligence and Smart Environments, 2018, 10, 289-300.	1.4	1
14	Evaluation of Clustering Algorithms on HPC Platforms. Mathematics, 2021, 9, 2156.	2.2	1
15	Discretizing Numerical Values by a Fuzzy Clustering Technique. , 2017, , .		0
16	The Need for an Integrated Computational/Experimental Approach in the Discovery and Design of New Drugs. Drug Designing: Open Access, 2012, 03, .	0.2	0
17	Antibiotics as emerging pollutants. Ecotoxicological risk and control in wastewater and reclaimed water. Ecosistemas, 2020, 29, .	0.4	0