

Miquel SÃ nchez-MarrÃ

List of Publications by Year in descending order

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37
papers

883
citations

623574

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477173

29
g-index

45
all docs

45
docs citations

45
times ranked

788
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Intelligent Models in Decision Support. , 2022, , 411-530.		0
2	Interoperating data-driven and model-driven techniques for the automated development of intelligent environmental decision support systems. Environmental Modelling and Software, 2021, 140, 105021.	1.9	3
3	Operational Modes Detection in Industrial Gas Turbines Using an Ensemble of Clustering Methods. Sensors, 2021, 21, 8047.	2.1	5
4	Decision support systems (DSS) for wastewater treatment plants â€“ A review of the state of the art. Bioresource Technology, 2019, 290, 121814.	4.8	53
5	A Hybrid Recommender System to Improve Circular Economy in Industrial Symbiotic Networks. Energies, 2019, 12, 3546.	1.6	13
6	Combining Data-Driven and Domain Knowledge Components in an Intelligent Assistant to Build Personalized Menus. Lecture Notes in Computer Science, 2019, , 167-179.	1.0	0
7	Environmental data stream mining through a case-based stochastic learning approach. Environmental Modelling and Software, 2018, 106, 22-34.	1.9	7
8	Which method to use? An assessment of data mining methods in Environmental Data Science. Environmental Modelling and Software, 2018, 110, 3-27.	1.9	48
9	Crossing the Death Valley to Transfer Environmental Decision Support Systems to the Water Market. Global Challenges, 2017, 1, 1700009.	1.8	5
10	A methodology to discover and understand complex patterns: Interpreted Integrative Multiview Clustering (I 2 MC). Pattern Recognition Letters, 2017, 93, 85-94.	2.6	3
11	A case-based reasoning framework for music playlist recommendations. , 2017, , .		1
12	The role of significance tests in consistent interpretation of nested partitions. Journal of Computational and Applied Mathematics, 2016, 292, 623-633.	1.1	6
13	Discovering social structures of local influence by using tweetStimuli. International Journal of Computer Mathematics, 2014, 91, 291-303.	1.0	3
14	Estimation of Machine Settings for Spinning of Yarns â€“ New Algorithms for Comparing Complex Structures. Lecture Notes in Computer Science, 2014, , 435-449.	1.0	1
15	Using NIAR k-d Trees to Improve the Case-Based Reasoning Retrieval Step. Lecture Notes in Computer Science, 2013, , 314-325.	1.0	1
16	Decreasing Uncertainty When Interpreting Profiles through the Traffic Lights Panel. Communications in Computer and Information Science, 2012, , 137-148.	0.4	3
17	Case-Based Reasoning Applied to Textile Industry Processes. Lecture Notes in Computer Science, 2012, , 428-442.	1.0	6
18	Outcomes from the iEMSs data mining in the environmental sciences workshop series. Environmental Modelling and Software, 2011, 26, 983-985.	1.9	17

#	ARTICLE	IF	CITATIONS
19	iTutorials for the Aid of Cognitively Impaired Elderly Population. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2011, , 303-310.	0.2	2
20	Agents as a Decision Support Tool in Environmental Processes: The State of the Art. , 2009, , 5-35.		12
21	GESCONDA: An intelligent data analysis system for knowledge discovery and management in environmental databases. Environmental Modelling and Software, 2006, 21, 115-120.	1.9	30
22	A purely reactive navigation scheme for dynamic environments using Case-Based Reasoning. Autonomous Robots, 2006, 21, 65-78.	3.2	19
23	Improving the Efficiency of Case-Based Reasoning to deal with Activated Sludge Solids Separation Problems. Environmental Technology (United Kingdom), 2006, 27, 585-596.	1.2	1
24	An Approach for Temporal Case-Based Reasoning: Episode-Based Reasoning. Lecture Notes in Computer Science, 2005, , 465-476.	1.0	15
25	Nearest-Neighbours for Time Series. Applied Intelligence, 2004, 20, 21-35.	3.3	9
26	A comparative study on the use of similarity measures in case-based reasoning to improve the classification of environmental system situations. Environmental Modelling and Software, 2004, 19, 809-819.	1.9	57
27	OntoWEDSS: augmenting environmental decision-support systems with ontologies. Environmental Modelling and Software, 2004, 19, 785-797.	1.9	75
28	Designing and building real environmental decision support systems. Environmental Modelling and Software, 2004, 19, 857-873.	1.9	185
29	Environmental sciences and artificial intelligence. Environmental Modelling and Software, 2004, 19, 761-762.	1.9	2
30	A knowledge-based approach to the deflocculation problem: integrating on-line, off-line, and heuristic information. Water Research, 2003, 37, 2377-2387.	5.3	37
31	IMPROVEMENTS OF THE DECISION SUPPORT SYSTEM AT THE GRANOLLERS WWTP. Proceedings of the Water Environment Federation, 2002, 2002, 416-424.	0.0	2
32	Automatic Knowledge Acquisition from Complex Processes for the Development of Knowledge-Based Systems. Industrial & Engineering Chemistry Research, 2001, 40, 3353-3360.	1.8	12
33	Artificial Intelligence and Environmental Decision Support Systems. Applied Intelligence, 2000, 13, 77-91.	3.3	131
34	Sustainable case learning for continuous domains. Environmental Modelling and Software, 1999, 14, 349-357.	1.9	13
35	Learning and Adaptation in Wastewater Treatment Plants Through Case-Based Reasoning. Computer-Aided Civil and Infrastructure Engineering, 1997, 12, 251-266.	6.3	27
36	DAI-DEPUR: an integrated and distributed architecture for wastewater treatment plants supervision. Advanced Engineering Informatics, 1996, 10, 275-285.	0.5	44

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37	DEPUR: A knowledge-based tool for wastewater treatment plants. Engineering Applications of Artificial Intelligence, 1994, 7, 23-30.	4.3	26