

Dominik Slezak

List of Publications by Year in descending order

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papers

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all docs

37
docs citations

37
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	Rough Set Methods for Attribute Clustering and Selection. Applied Artificial Intelligence, 2014, 28, 220-242.	3.2	51
2	Degrees of conditional (in)dependence: A framework for approximate Bayesian networks and examples related to the rough set-based feature selection. Information Sciences, 2009, 179, 197-209.	6.9	49
3	Decision bireducts and decision reducts – a comparison. International Journal of Approximate Reasoning, 2017, 84, 75-109.	3.3	48
4	A framework for learning and embedding multi-sensor forecasting models into a decision support system: A case study of methane concentration in coal mines. Information Sciences, 2018, 451-452, 112-133.	6.9	38
5	From Big Data to business analytics: The case study of churn prediction. Applied Soft Computing Journal, 2020, 90, 106164.	7.2	38
6	Bireducts with tolerance relations. Information Sciences, 2018, 435, 26-39.	6.9	33
7	Rough-set-driven approach for attribute reduction in fuzzy formal concept analysis. Fuzzy Sets and Systems, 2020, 391, 117-138.	2.7	28
8	Predicting seismic events in coal mines based on underground sensor measurements. Engineering Applications of Artificial Intelligence, 2017, 64, 83-94.	8.1	26
9	Cost Optimization for Big Data Workloads Based on Dynamic Scheduling and Cluster-Size Tuning. Big Data Research, 2021, 25, 100203.	4.2	25
10	Unsupervised Similarity Learning from Textual Data. Fundamenta Informaticae, 2012, 119, 319-336.	0.4	23
11	IEEE BigData 2019 Cup: Suspicious Network Event Recognition. , 2019, , .		23
12	A new approximate query engine based on intelligent capture and fast transformations of granulated data summaries. Journal of Intelligent Information Systems, 2018, 50, 385-414.	3.9	21
13	On resilient feature selection: Computational foundations of \mathcal{C} -reducts. Information Sciences, 2019, 488, 25-44.	6.9	18
14	Recent Advances in Decision Bireducts: Complexity, Heuristics and Streams. Lecture Notes in Computer Science, 2013, , 200-212.	1.3	16
15	Infobright Analytic Database Engine Using Rough Sets and Granular Computing. , 2010, , .		14
16	Two Database Related Interpretations of Rough Approximations: Data Organization and Query Execution. Fundamenta Informaticae, 2013, 127, 445-459.	0.4	13
17	Boolean Representation for Exact Biclustering. Fundamenta Informaticae, 2018, 161, 275-297.	0.4	8
18	On Boolean Representation of Continuous Data Biclustering. Fundamenta Informaticae, 2019, 167, 193-217.	0.4	7

#	ARTICLE	IF	CITATIONS
19	On the role of feature space granulation in feature selection processes. , 2017, , .		5
20	Utilizing Hybrid Information Sources to Learn Representations of Cards in Collectible Card Video Games. , 2018, , .		5
21	Multivariate Ovulation Window Detection at OvuFriend. Lecture Notes in Computer Science, 2019, , 395-408.	1.3	4
22	Introduction to the special issue on advanced information retrieval and databases. Journal of Intelligent Information Systems, 2010, 34, 223-225.	3.9	3
23	Evolutionary inspired optimization of feature subset ensembles. , 2010, , .		3
24	An overview of decision making in Rough Non-deterministic Information Analysis. , 2010, , .		3
25	Ranking Mutual Information Dependencies in a Summary-based Approximate Analytics Framework. , 2018, , .		3
26	The Problem of Finding the Simplest Classifier Ensemble is NP-Hard – A Rough-Set-Inspired Formulation Based on Decision Bireducts. Lecture Notes in Computer Science, 2020, , 204-212.	1.3	3
27	Properties on inclusion relations and division charts in non-deterministic information systems. , 2011, , .		2
28	Granular modeling with fuzzy comparators. , 2015, , .		2
29	ISMIS 2017 Data Mining Competition: Trading Based on Recommendations. Lecture Notes in Computer Science, 2017, , 697-707.	1.3	1
30	Toward Interactive Attribute Selection with Infolattices – A Position Paper. Lecture Notes in Computer Science, 2017, , 526-539.	1.3	1
31	Cost-sensitive regression-based recommender system. , 2015, , .		0
32	Approximate Decision Tree Induction over Approximately Engineered Data Features. Lecture Notes in Computer Science, 2020, , 376-384.	1.3	0
33	Reinventing Infobright’s Concept of Rough Calculations on Granulated Tables for the Purpose of Accelerating Modern Data Processing Frameworks. , 2020, , .		0