

Jerzy Błaszczyński

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,311
citations

566801

15
h-index

344852

36
g-index

43
all docs

43
docs citations

43
times ranked

1080
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequential covering rule induction algorithm for variable consistency rough set approaches. Information Sciences, 2011, 181, 987-1002.	4.0	200
2	Multi-criteria classification – A new scheme for application of dominance-based decision rules. European Journal of Operational Research, 2007, 181, 1030-1044.	3.5	196
3	Neighbourhood sampling in bagging for imbalanced data. Neurocomputing, 2015, 150, 529-542.	3.5	160
4	Monotonic Variable Consistency Rough Set Approaches. International Journal of Approximate Reasoning, 2009, 50, 979-999.	1.9	137
5	A green chemistry-based classification model for the synthesis of silver nanoparticles. Green Chemistry, 2015, 17, 2825-2839.	4.6	88
6	Learning ensemble classifiers for diabetic retinopathy assessment. Artificial Intelligence in Medicine, 2018, 85, 50-63.	3.8	65
7	Inductive discovery of laws using monotonic rules. Engineering Applications of Artificial Intelligence, 2012, 25, 284-294.	4.3	61
8	Auto loan fraud detection using dominance-based rough set approach versus machine learning methods. Expert Systems With Applications, 2021, 163, 113740.	4.4	56
9	Incremental Induction of Decision Rules from Dominance-based Rough Approximations. Electronic Notes in Theoretical Computer Science, 2003, 82, 40-51.	0.9	51
10	jMAF - Dominance-Based Rough Set Data Analysis Framework. Intelligent Systems Reference Library, 2013, , 185-209.	1.0	39
11	Robustness analysis of a green chemistry-based model for the classification of silver nanoparticles synthesis processes. Journal of Cleaner Production, 2017, 162, 938-948.	4.6	34
12	Antimicrobial Activity and <scp>SAR</scp> Study of New Gemini Imidazolium-Based Chlorides. Chemical Biology and Drug Design, 2014, 83, 278-288.	1.5	29
13	Extending Bagging for Imbalanced Data. Advances in Intelligent Systems and Computing, 2013, , 269-278.	0.5	25
14	On Variable Consistency Dominance-Based Rough Set Approaches. Lecture Notes in Computer Science, 2006, , 191-202.	1.0	17
15	Local Data Characteristics in Learning Classifiers from Imbalanced Data. Studies in Computational Intelligence, 2018, , 51-85.	0.7	15
16	Machine-learned models using hematological inflammation markers in the prediction of short-term acute coronary syndrome outcomes. Journal of Translational Medicine, 2018, 16, 334.	1.8	15
17	Empirical risk minimization for dominance-based rough set approaches. Information Sciences, 2021, 567, 395-417.	4.0	15
18	Rule-Based Estimation of Attribute Relevance. Lecture Notes in Computer Science, 2011, , 36-44.	1.0	15

#	ARTICLE	IF	CITATIONS
19	Prediction of Antifungal Activity of Gemini Imidazolium Compounds. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	13
20	Optimization of pellets manufacturing process using rough set theory. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 124, 295-303.	1.9	11
21	With a little help from a computer. <i>Medicine (United States)</i> , 2017, 96, e7635.	0.4	10
22	A Novel Method for Elimination of Inconsistencies in Ordinal Classification with Monotonicity Constraints. <i>Fundamenta Informaticae</i> , 2013, 126, 377-395.	0.3	7
23	Induction of Ordinal Classification Rules from Incomplete Data. <i>Lecture Notes in Computer Science</i> , 2012, , 56-65.	1.0	7
24	Ordinal Classification with Monotonicity Constraints by Variable Consistency Bagging. <i>Lecture Notes in Computer Science</i> , 2010, , 392-401.	1.0	6
25	Application of Dominance-Based Rough Set Approach for Optimization of Pellets Tableting Process. <i>Pharmaceutics</i> , 2020, 12, 1024.	2.0	5
26	Empirical Risk Minimization for Variable Precision Dominance-Based Rough Set Approach. <i>Lecture Notes in Computer Science</i> , 2013, , 133-144.	1.0	5
27	Probabilistic Rough Set Approaches to Ordinal Classification with Monotonicity Constraints. <i>Lecture Notes in Computer Science</i> , 2010, , 99-108.	1.0	4
28	Rough Set Analysis of Classification Data with Missing Values. <i>Lecture Notes in Computer Science</i> , 2017, , 552-565.	1.0	4
29	Application of Rough Set Theory to Prediction of Antimicrobial Activity of Bis-Quaternary Imidazolium Chlorides. <i>Fundamenta Informaticae</i> , 2014, 132, 315-330.	0.3	3
30	Application of Rough Set Theory to Prediction of Antimicrobial Activity of Bis-quaternary Ammonium Chlorides. <i>Lecture Notes in Computer Science</i> , 2012, , 107-116.	1.0	3
31	Structure-Activity Relationships of the Imidazolium Compounds as Antibacterials of <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 7997.	1.8	2
32	On Different Ways of Handling Inconsistencies in Ordinal Classification with Monotonicity Constraints. <i>Communications in Computer and Information Science</i> , 2012, , 300-309.	0.4	2
33	Learnability in Rough Set Approaches. <i>Lecture Notes in Computer Science</i> , 2010, , 402-411.	1.0	2
34	Case-Based Reasoning Using Dominance-Based Decision Rules. <i>Lecture Notes in Computer Science</i> , 2011, , 404-413.	1.0	2
35	Consistency Driven Feature Subspace Aggregating for Ordinal Classification. <i>Lecture Notes in Computer Science</i> , 2016, , 580-589.	1.0	1
36	Improving Bagging Ensembles for Class Imbalanced Data by Active Learning. <i>Intelligent Systems Reference Library</i> , 2018, , 25-52.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Interpretation of Variable Consistency Dominance-Based Rough Set Approach by Minimization of Asymmetric Loss Function. Lecture Notes in Computer Science, 2019, , 135-145.	1.0	1
38	Multi-objective Search for Comprehensible Rule Ensembles. Lecture Notes in Computer Science, 2016, , 503-513.	1.0	1
39	Can AI Help Pediatricians? Diagnosing Kawasaki Disease Using DRSA. Children, 2021, 8, 929.	0.6	0
40	A Rough Set Approach to Novel Compounds Activity Prediction Based on Surface Active Properties and Molecular Descriptors. Lecture Notes in Computer Science, 2014, , 153-160.	1.0	0