Jerzy BÅ‚aszczyÅ„ski

List of Publications by Year
in descending order

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	Auto loan fraud detection using dominance-based rough set approach versus machine learning methods. Expert Systems With Applications, 2021, 163, 113740.	4.4	56
2	Structure-Activity Relationships of the Imidazolium Compounds as Antibacterials of Staphylococcus aureus and Pseudomonas aeruginosa. International Journal of Molecular Sciences, 2021, 22, 7997.	1.8	2
3	Empirical risk minimization for dominance-based rough set approaches. Information Sciences, 2021, 567, 395-417.	4.0	15
4	Can AI Help Pediatricians? Diagnosing Kawasaki Disease Using DRSA. Children, 2021, 8, 929.	0.6	0
5	Application of Dominance-Based Rough Set Approach for Optimization of Pellets Tableting Process. Pharmaceutics, 2020, 12, 1024.	2.0	5
6	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
7	Learning ensemble classifiers for diabetic retinopathy assessment. Artificial Intelligence in Medicine, 2018, 85, 50-63.	3.8	65
8	Local Data Characteristics in Learning Classifiers from Imbalanced Data. Studies in Computational Intelligence, 2018, , 51-85.	0.7	15
9	Improving BaggingÂEnsembles for Class Imbalanced Data by ActiveÂLearning. Intelligent Systems Reference Library, 2018, , 25-52.	1.0	1
10	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
11	Optimization of pellets manufacturing process using rough set theory. European Journal of Pharmaceutical Sciences, 2018, 124, 295-303.	1.9	11
12	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
13	With a little help from a computer. Medicine (United States), 2017, 96, e7635.	0.4	10
14	Rough Set Analysis of Classification Data with Missing Values. Lecture Notes in Computer Science, 2017, , 552-565.	1.0	4
15	Consistency Driven Feature Subspace Aggregating for Ordinal Classification. Lecture Notes in Computer Science, 2016, , 580-589.	1.0	1
16	Multi-objective Search for Comprehensible Rule Ensembles. Lecture Notes in Computer Science, 2016, , 503-513.	1.0	1
17	Prediction of Antifungal Activity of Gemini Imidazolium Compounds. BioMed Research International, 2015, 2015, 1-10.	0.9	13
18	A green chemistry-based classification model for the synthesis of silver nanoparticles. Green Chemistry, 2015, 17, 2825-2839.	4.6	88

#	ARTICLE	IF	CITATIONS
19	Neighbourhood sampling in bagging for imbalanced data. Neurocomputing, 2015, 150, 529-542.	3.5	160
20	Application of Rough Set Theory to Prediction of Antimicrobial Activity of Bis-Quaternary Imidazolium Chlorides. Fundamenta Informaticae, 2014, 132, 315-330.	0.3	3
21	Antimicrobial Activity and <scp>SAR</scp> Study of New Gemini Imidazoliumâ€Based Chlorides. Chemical Biology and Drug Design, 2014, 83, 278-288.	1.5	29
22	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
23	jMAF - Dominance-Based Rough Set Data Analysis Framework. Intelligent Systems Reference Library, 2013, , 185-209.	1.0	39
24	Extending Bagging for Imbalanced Data. Advances in Intelligent Systems and Computing, 2013, , 269-278.	0.5	25
25	A Novel Method for Elimination of Inconsistencies in Ordinal Classification with Monotonicity Constraints. Fundamenta Informaticae, 2013, 126, 377-395.	0.3	7
26	Empirical Risk Minimization for Variable Precision Dominance-Based Rough Set Approach. Lecture Notes in Computer Science, 2013, , 133-144.	1.0	5
27	Inductive discovery of laws using monotonic rules. Engineering Applications of Artificial Intelligence, 2012, 25, 284-294.	4.3	61
28	On Different Ways of Handling Inconsistencies in Ordinal Classification with Monotonicity Constraints. Communications in Computer and Information Science, 2012, , 300-309.	0.4	2
29	Application of Rough Set Theory to Prediction of Antimicrobial Activity of Bis-quaternary Ammonium Chlorides. Lecture Notes in Computer Science, 2012, , 107-116.	1.0	3
30	Induction of Ordinal Classification Rules from Incomplete Data. Lecture Notes in Computer Science, 2012, , 56-65.	1.0	7
31	Sequential covering rule induction algorithm for variable consistency rough set approaches. Information Sciences, 2011, 181, 987-1002.	4.0	200
32	Rule-Based Estimation of Attribute Relevance. Lecture Notes in Computer Science, 2011, , 36-44.	1.0	15
33	Case-Based Reasoning Using Dominance-Based Decision Rules. Lecture Notes in Computer Science, 2011, , 404-413.	1.0	2
34	Probabilistic Rough Set Approaches to Ordinal Classification with Monotonicity Constraints. Lecture Notes in Computer Science, 2010, , 99-108.	1.0	4
35	OrdinalÂClassification with MonotonicityÂConstraints by VariableÂConsistency Bagging. Lecture Notes in Computer Science, 2010, , 392-401.	1.0	6
36	Learnability in Rough Set Approaches. Lecture Notes in Computer Science, 2010, , 402-411.	1.0	2

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37	Monotonic Variable Consistency Rough Set Approaches. International Journal of Approximate Reasoning, 2009, 50, 979-999.	1.9	137
38	Multi-criteria classification â€“ A new scheme for application of dominance-based decision rules. European Journal of Operational Research, 2007, 181, 1030-1044.	3.5	196
39	On Variable Consistency Dominance-Based Rough Set Approaches. Lecture Notes in Computer Science, 2006, , 191-202.	1.0	17
40	Incremental Induction of Decision Rules from Dominance-based Rough Approximations. Electronic Notes in Theoretical Computer Science, 2003, 82, 40-51.	0.9	51