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PRISM: An algorithm for inducing modular rules

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#	Paper	IF	Citations
470	Integrating multiple rule sets by genetic algorithms.		
469	Using concept learning for knowledge acquisition. *International Journal of Man-Machine Studies*, **1988**, 29, 171-196		27
468	. **1989**, 19, 499-512		15
467	An Empirical Comparison of Selection Measures for Decision-Tree Induction. **1989**, 3, 319-342		19
466	An empirical comparison of selection measures for decision-tree induction. **1989**, 3, 319-342		318
465	Modeling expert knowledge. **1990**, 2, 179-206		35
464	Integrated knowledge base building environments. **1990**, 2, 51-71		7
463	.		5
462	Inducing and refining rule-based knowledge from inexact examples. **1991**, 3, 291-315		4
461	Decision Making. **1991**, 116-132		1
460	Principles of induction and approaches to attribute based induction. **1991**, 6, 307-333		3
459	Automated rule-based model generation for uncertain complex dynamic systems. **1991**, 4, 359-366		3
458	Possible low-priced, robust expert systems using neural networks and minimal entropy coding. **1991**, 3, 249-257		3
457	Empirical investigation of knowledge representation servers. **1991**, 2, 45-56		12
456	. **1992**,		
455	. **1992**, 4, 301-316		185
454	Building KBES for Diagnosing PC Pile with Inductive Learning. **1992**, 6, 200-219		5

453	.	1
452	.	7
451	Integrated knowledge acquisition architectures. **1992**, 1, 9-34	19
450	Exploratory data analysis: A comparison of statistical methods with artificial neural networks. **1992**, 16, 413-423	16
449	An intelligent composite system for statistical process control. **1992**, 5, 519-526	2
448	Combining paradigms in knowledge engineering. **1992**, 9, 1-18	7
447	ICAS: An incremental concept acquisition system using attribute-based description. **1992**, 7, 284-288	
446	The construction of computerized classification systems using machine learning algorithms: An overview. **1992**, 8, 155-167	9
445	Debugging Finite Element Programs Input Data with Machine Learning. **1992**, 7, 223-233	2
444	A new method for discovering rules from examples in expert systems. *International Journal of Man-Machine Studies*, **1992**, 36, 127-143	11
443	Rule induction in finance and marketing*. **1993**, 10, 173-177	2
442	Building KBES for Diagnosing PC Pile with Artificial Neural Network. **1993**, 7, 71-93	41
441	. **1993**, 19, 1028-1044	102
440	. **1993**, 5, 4-14	59
439	HML-An approach for refining/managing knowledge discovered from databases.	2
438	SEPARATING THE ART AND SCIENCE OF SIMULATION OPTIMIZATION: A KNOWLEDGE-BASED ARCHITECTURE PROVIDING FOR MACHINE LEARNING. **1993**, 25, 70-83	8
437	Knowledge acquisition tools based on personal construct psychology. **1993**, 8, 49-85	112
436	On the relationship between repertory grid and term subsumption knowledge structures: theory practice tools. **1993**, 125-144	2

435	A General Two-Stage Approach to Inducing Rules from Examples. **1994**, 317-325		14
434	.		
433	An experiment in the application of similarity-based learning to programming by example. *International Journal of Intelligent Systems*, **1994**, 9, 341-364	8.4	2
432	Generation of rules for expert systems by statistical methods of fermentation data analysis. **1994**, 14, 13-26		8
431	Discovering concept clusters by decomposing databases. **1994**, 12, 223-244		18
430	. **1994**, 41, 302-309		2
429	.		
428	.		302
427	Rule evaluations in a KDD system. *Lecture Notes in Computer Science*, **1995**, 405-414	0.9	2
426	Discovering knowledge hidden in a chemical database using a commercially available data mining tool. **1995**,		
425	Induction of ripple-down rules applied to modeling large databases. **1995**, 5, 211-228		142
424	Applying machine learning to agricultural data. **1995**, 12, 275-293		78
423	Leading edge forecasting techniques for exchange rate prediction. **1995**, 1, 311-323		2
422	BEXA: A covering algorithm for learning propositional concept descriptions. **1996**, 24, 5-40		65
421	.		1
420	Towards an expert system for enantioseparations: induction of rules using machine learning. **1996**, 34, 21-40		8
419	Self-integrating knowledge-based brain tumor diagnostic system. **1996**, 11, 351-360		4
418	Machine learning by imitating human learning. **1996**, 6, 203-228		2

417	A hierarchical model learning approach for refining and managing concept clusters discovered from databases. **1996**, 20, 227-252		6
416	Sequential decision models for expert system optimization. **1997**, 9, 675-687		30
415	Two-phase PRISM learning algorithms.		
414	Hypothesist: A development environment for intelligent diagnostic systems. *Lecture Notes in Computer Science*, **1997**, 223-234	0.9	7
413	A strategy for increasing the efficiency of rule discovery in data mining. *Lecture Notes in Computer Science*, **1997**, 397-408	0.9	
412	FILSMR: a fuzzy inductive learning strategy for modular rules.		1
411	Advances in Intelligent Data Analysis Reasoning about Data. *Lecture Notes in Computer Science*, **1997**,	0.9	6
410	Teaching agents to learn: from user study to implementation. **1997**, 30, 36-44		7
409	Knowledge discovery by inspection. **1997**, 21, 43-47		11
408	Using Background Knowledge to Build Multistrategy Learners. **1997**, 27, 241-257		2
407	Comparison of some AI and statistical classification methods for a marketing case. **1997**, 103, 312-325		2
406	Knowledge acquisition, modelling and inference through the World Wide Web. **1997**, 46, 729-759		23
405	Automatically integrating multiple rule sets in a distributed-knowledge environment. **1998**, 28, 471-476		16
404	A hybrid genetic knowledge-integration strategy.		
403	On design of superlinear first order automatic machine learning techniques.		1
402	Fuzzy-Set-Based Models of Neurons and Knowledge-Based Networks. **1999**, 159-186		
401	Dynamic estimation of number of clusters in data sets. **1999**, 35, 1606		26
400	Strategic induction of decision trees. **1999**, 12, 269-275		16

399	An integrated database and expert system for failure mechanism identification: Part I—automated knowledge acquisition. **1999**, 6, 387-406	26
398	A fuzzy inductive learning strategy for modular rules. **1999**, 103, 91-105	45
397	A multistrategy approach to classification learning in databases. **1999**, 31, 67-93	6
396	Separate-and-Conquer Rule Learning. **1999**, 13, 3-54	273
395	Characteristic Rule Discovery in Aurum-3. **1999**, 11, 297-304	
394	Dynamic and static approaches to clinical data mining. **1999**, 16, 97-115	12
393	Editorial: 30th Anniversary Issue. **1999**, 51, 119-124	
392	CAN: chain of nodes approach to direct rule induction. **1999**, 29, 758-70	4
391	Integrating multiple knowledge sources using decision tables.	
390	A hybrid approach to rule discovery in databases. **2000**, 126, 99-127	1
389	A coverage-based genetic knowledge-integration strategy. **2000**, 19, 9-17	4
388	Formal methods in pattern recognition: A review. **2000**, 120, 459-495	43
387	A situated cognition approach to conceptual modelling.	1
386	Datenbasierter Entwurf von Fuzzy-Systemen für medizinische Diagnoseaufgaben (Data-based Design of Fuzzy Systems for Medical Diagnostic Problems). **2000**, 48, 317	3
385	A hybrid model for rule discovery in data. **2001**, 14, 397-412	8
384	Rule discovery by soft induction techniques. **2001**, 36, 171-204	12
383	An expert network architecture for learning appropriate further questions based on incomplete data. **2001**, 41, 47-65	
382	A novel concept for first order learning algorithm design.	

381	Mining the weights of similarity measure through learning.		
380	Rough Sets and Current Trends in Computing. *Lecture Notes in Computer Science*, **2002**,	0.9	15
379	Artificial Intelligence and Cognitive Science. *Lecture Notes in Computer Science*, **2002**,	0.9	1
378	Intelligent adaptable systems.		
377	Survey of two selected superlinear learning techniques.		
376	F AN: Finding Accurate iNductions. **2002**, 56, 445-474		10
375	Using J-pruning to reduce overfitting in classification trees. **2002**, 15, 301-308		25
374	Bi-Decomposition of Function Sets in Multiple-Valued Logic for Circuit Design and Data Mining. **2003**, 20, 233-267		9
373	Entropy Measures, Maximum Entropy Principle and Emerging Applications. *Studies in Fuzziness and Soft Computing*, **2003**,	0.7	38
372	Reduction of complexity in conic section function neural network. **2003**, 32, 540-547		
371	Identifying the combination of genetic factors that determine susceptibility to cervical cancer.		1
370	Artificial Intelligence in Logic Design. **2004**,		
369	Heuristic functions for learning fuzzy conjunctive rules.		1
368	Identifying the combination of genetic factors that determine susceptibility to cervical cancer. **2004**, 8, 59-66		14
367	Knowledge Discovery with Genetic Programming for Providing Feedback to Courseware Authors. **2004**, 14, 425-464		84
366	Class Noise vs. Attribute Noise: A Quantitative Study. **2004**, 22, 177-210		487
365	An inductive algorithm for learning conjunctive fuzzy rules.		
364	Effective dynamic sample selection algorithm.		

363	Neural Information Processing: Research and Development. *Studies in Fuzziness and Soft Computing* , **2004**,	0.7	9
362	Concept formation and learning: a cognitive informatics perspective. **2004**,		16
361	The Inducer rule induction workbench.		
360	Coarsening Classification Rules on Basis of Granular Computing. *Lecture Notes in Computer Science*, **2004**, 578-579	0.9	
359	Explaining the Pros and Cons of Conclusions in CBR. *Lecture Notes in Computer Science*, **2004**, 317-330	0.9	23
358	A Technique for Learning Similarities on Complex Structures with Applications to Extracting Ontologies. *Lecture Notes in Computer Science*, **2005**, 183-189	0.9	4
357	Data Mining in Medicine. **2005**, 1107-1137		8
356	ROC □□Rule Learning□owards a Better Understanding of Covering Algorithms. **2005**, 58, 39-77		134
355	Inducer: a public domain workbench for data mining. **2005**, 36, 909-919		21
354	Rules-6: A Simple Rule Induction Algorithm for Handling Large Data Sets. **2005**, 219, 1119-1137		12
353	A method of valuable rule discovering. **2005**,		
352	Rough set approach to building expert systems. **2005**,		
351	Rough Sets, Fuzzy Sets, Data Mining, and Granular Computing. *Lecture Notes in Computer Science*, **2005**,	0.9	1
350	Interactive classification using a granule network. **2005**,		4
349	Foundations of Classification. 75-97		1
348	Rule Preference Effect in Associative Classification Mining. **2006**, 05, 13-20		8
347	Advances in Information Retrieval. *Lecture Notes in Computer Science*, **2006**,	0.9	12
346	.		7

345	GESCONDA: An intelligent data analysis system for knowledge discovery and management in environmental databases. **2006**, 21, 115-120		22
344	Improving rule sorting, predictive accuracy and training time in associative classification. **2006**, 31, 414-426		49
343	Evaluation of neural networks and data mining methods on a credit assessment task for class imbalance problem. **2006**, 7, 720-747		113
342	Bridging Local and Global Data Cleansing: Identifying Class Noise in Large, Distributed Data Datasets. **2006**, 12, 275-308		32
341	Specialization models for a general fuzzy set covering framework. **2006**, 157, 2787-2808		
340	From Decision Trees to Classification Rules with Data Representing User Traffic from an e-Learning Platform.		
339	SRI: A Scalable Rule Induction Algorithm. **2006**, 220, 537-552		13
338	Classification Based on Logical Concept Analysis. *Lecture Notes in Computer Science*, **2006**, 419-430	0.9	5
337	Advances in Artificial Intelligence. *Lecture Notes in Computer Science*, **2006**,	0.9	1
336	A New Ripple Down Rules Induction Algorithm and its Lattice Extension. **2006**,		
335	Fuzzy rule induction in a set covering framework. **2006**, 14, 93-110		17
334	LEVEL-WISE CONSTRUCTION OF DECISION TREES FOR CLASSIFICATION. **2006**, 16, 103-126		11
333	Retrieval in text collections with historic spelling using linguistic and spelling variants. **2007**,		20
332	Multimedia Data Mining and Knowledge Discovery. **2007**,		7
331	A greedy classification algorithm based on association rule. **2007**, 7, 1102-1111		47
330	Mixed-initiative problem solving with decision trees. **2007**, 28, 17-33		3
329	Mining the data from a hyperheuristic approach using associative classification. **2008**, 34, 1093-1101		15
328	Conflict-sensitivity contexture learning algorithm for mining interesting patterns using neuro-fuzzy network with decision rules. **2008**, 34, 159-172		4

327	A novel biologically and psychologically inspired fuzzy decision support system: hierarchical complementary learning. **2008**, 5, 67-79		5
326	Chapter Twelve Data Mining for Environmental Systems. **2008**, 205-228		9
325	Database Marketing. **2008**,		126
324	SOFTWARE REUSABILITY MODEL FOR PROCEDURE BASED DOMAIN-SPECIFIC SOFTWARE COMPONENTS. **2008**, 18, 1063-1081		4
323	A Two-Phase Model for Learning Rules from Incomplete Data. **2009**, 94, 219-232		5
322	Designing Visual Languages for Description Logics. **2009**, 18, 217-250		19
321	Multi-objective rule mining using a chaotic particle swarm optimization algorithm. **2009**, 22, 455-460		48
320	Data mining. **2009**,		11
319	Static Analysis of Executables for Collaborative Malware Detection on Android. **2009**,		124
318	Modelling Intelligent Phishing Detection System for E-banking Using Fuzzy Data Mining. **2009**,		8
317	Interpreting concept learning in cognitive informatics and granular computing. **2009**, 39, 855-66		100
316	A Study on the Behaviour of the Algorithm for Finding Relevant Attributes and Membership Functions. *Scientific Journal of Riga Technical University Computer Sciences*, **2009**, 40, 75-80		
315	Intelligent phishing detection system for e-banking using fuzzy data mining. **2010**, 37, 7913-7921		104
314	Partially connected feedforward neural networks on Apollonian networks. **2010**, 389, 5298-5307		8
313	Automating the Design of Data Mining Algorithms. *Natural Computing Series*, **2010**,	2.5	16
312	Predicting Phishing Websites Using Classification Mining Techniques with Experimental Case Studies. **2010**,		28
311	Associative Classification techniques for predicting e-banking phishing websites. **2010**,		8
310	Information Retrieval Technology. *Lecture Notes in Computer Science*, **2010**,	0.9	2

309	Transactions on Rough Sets XII. *Lecture Notes in Computer Science*, **2010**,	0.9	
308	Research and Development in Intelligent Systems XXVII. **2011**,		
307	Intelligent XML Tag Classification Techniques for XML Encryption Improvement. **2011**,		1
306	Argumentation in Multi-Agent Systems. *Lecture Notes in Computer Science*, **2011**,	0.9	1
305	Detecting contrast patterns in newspaper articles by combining discourse analysis and text mining. **2011**, 21, 647-683		14
304	GHS+LEM: Global-best Harmony Search using learnable evolution models. **2011**, 218, 2558-2578		31
303	Conversational case-based reasoning in medical decision making. **2011**, 52, 59-66		32
302	Loading Priority Evaluation Based on PRISM Classifier. **2011**, 301-303, 768-773		
301	Optimal Placement of Phasor Measurement Units Based on Information Entropy Property Evaluation. **2011**, 301-303, 774-779		
300	References. **2011**, 587-605		3
299	A new data mining scheme using artificial neural networks. **2011**, 11, 4622-47		21
298	ERANN: An Algorithm to Extract Symbolic Rules from Trained Artificial Neural Networks. **2012**, 58, 138		2
297	An Ensemble Architecture for Learning Complex Problem-Solving Techniques from Demonstration. **2012**, 3, 1-38		8
296	Interpretability of fuzzy association rules as means of discovering threats to privacy. **2012**, 89, 325-333		16
295	The Effects of Different Representations on Malware Motif Identification. **2012**,		2
294	A Bayesian network for burr detection in the drilling process. **2012**, 23, 1463-1475		5
293	Integrating an Agent-Based Travel Behavior Model with Large-Scale Microscopic Traffic Simulation for Corridor-Level and Sub-Area Transportation Operations and Planning Applications. **2012**,		
292	Performance analysis of granular computing model based on Fuzzy based linear programming problem. **2012**,		

291	Computationally efficient induction of classification rules with the PMCRI and J-PMCRI frameworks. **2012**, 35, 49-63		19
290	Data Mining: A prediction Technique for the workers in the PR Department of Orissa (Block and Panchayat). **2012**, 2, 197-36		1
289	An overview of the use of neural networks for data mining tasks. **2012**, 2, 193-208		16
288	An interval set model for learning rules from incomplete information table. **2012**, 53, 24-37		45
287	Jmax-pruning: A facility for the information theoretic pruning of modular classification rules. **2012**, 29, 12-19		18
286	Decision rule mining using classification consistency rate. **2013**, 43, 95-102		31
285	Integrating an Agent-Based Travel Behavior Model with Large-Scale Microscopic Traffic Simulation for Corridor-Level and Subarea Transportation Operations and Planning Applications. **2013**, 139, 94-103		23
284	Comparative analysis of different techniques in classification based on association rules. **2013**,		3
283	Principles of Data Mining. *Undergraduate Topics in Computer Science*, **2013**,	0.1	58
282	Emerging Paradigms in Machine Learning. **2013**,		5
281	Predicting student failure at school using genetic programming and different data mining approaches with high dimensional and imbalanced data. **2013**, 38, 315-330		100
280	. **2013**, 8, 7-14		54
279	Scaling up Data Mining Techniques to Large Datasets Using Parallel and Distributed Processing. **2013**, 243-259		5
278	Random rules from data streams. **2013**,		6
277	Omnivariate Rule Induction Using a Novel Pairwise Statistical Test. **2013**, 25, 2105-2118		14
276	Computational model for artificial learning using fonnal concept analysis. **2013**,		
275	Appendix B: References. **2013**, 338-340		
274	Scaling up classification rule induction through parallel processing. **2013**, 28, 451-478		4

273	Positive Model of Departure Time Choice under Road Pricing and Uncertainty. **2013**, 2345, 117-125		20
272	Intelligent Banking XML Encryption Using Effective Fuzzy Logic. **2014**, 591-617		1
271	Associative Classification Approaches: Review and Comparison. **2014**, 13, 1450027		33
270	Applied computer technologies in clinical decision support systems for pain management: A systematic review. **2014**, 26, 2411-2425		2
269	An energy-efficient approach for target recognition with synchronous sampling sensors. **2014**,		
268	A Rule Based Feature Selection Approach for Target Classification in Wireless Sensor Networks with Sensitive Data Applications. **2014**, 10, 429651		1
267	Further experiments in biocomputational structural analysis of malware. **2014**,		8
266	Knowledge Discovery in Biomedical Data: Theory and Methods. **2014**, 179-240		3
265	Engineering Applications of Neural Networks. *Communications in Computer and Information Science*, **2014**,	0.3	2
264	Random Prism: a noise-tolerant alternative to Random Forests. **2014**, 31, 411-420		9
263	Outlier detection in audit logs for application systems. **2014**, 44, 22-33		25
262	Generating a set of association and decision rules with statistically representative support and anti-support. **2014**, 277, 56-70		4
261	Predicting phishing websites based on self-structuring neural network. **2014**, 25, 443-458		147
260	Intelligent rule-based phishing websites classification. **2014**, 8, 153-160		115
259	Knowledge discovery in clinical decision support systems for pain management: a systematic review. **2014**, 60, 1-11		23
258	Comprehensible classification models. **2014**, 15, 1-10		262
257	QuickFOIL. **2014**, 8, 197-208		25
256	A classification rules mining method based on dynamic rules' frequency. **2015**,		2

255	Multidimensional Travel Decision-Making: Descriptive Behavioural Theory and Agent-Based Models. **2015**, 213-231		3
254	Granular Computing and Decision-Making. *Studies in Big Data*, **2015**,	0.9	114
253	Universal Logic as a Science of Patterns. **2015**, 145-189		
252	Learning-based aspect identification in customer review products. **2015**,		1
251	Induction of quantified fuzzy rules with Particle Swarm Optimisation. **2015**,		
250	Network based rule representation for knowledge discovery and predictive modelling. **2015**,		10
249	Hybrid ensemble learning approach for generation of classification rules. **2015**,		3
248	A dynamic rule-induction method for classification in data mining. **2015**, 2, 233-253		20
247	Tutorial and critical analysis of phishing websites methods. **2015**, 17, 1-24		64
246	Process mining on noisy logs Can log sanitization help to improve performance?. **2015**, 79, 138-149		36
245	Phishing websites detection through supervised learning networks. **2015**,		14
244	Students dropout factor prediction using EDM techniques. **2015**,		19
243	Fuzzy MinMax Neural Network for Learning a Classifier with Symmetric Margin. **2015**, 42, 317-353		5
242	Applying rule-based classification techniques to medical databases: an empirical study. **2016**, 1, 32		
241	Collaborative rule generation: An ensemble learning approach. **2016**, 30, 2277-2287		6
240	A Machine Learning Approach to Discover Rules for Expressive Performance Actions in Jazz Guitar Music. **2016**, 7, 1965		8
239	Using classification for role-based access control management. **2016**, 16, 45		2
238	Knowledge awareness in Alarm System Database. **2016**, 49, 297-302		3

237	Limitations on Low Variance k-Fold Cross Validation in Learning Set of Rules Inducers. **2016**,		1
236	Rule based systems and networks: Deterministic and fuzzy approaches. **2016**,		2
235	Combining RDR-Based Machine Learning Approach and Human Expert Knowledge for Phishing Prediction. *Lecture Notes in Computer Science*, **2016**, 80-92	0.9	
234	A dynamic approach for industrial alarm systems. **2016**,		2
233	Constrained dynamic rule induction learning. **2016**, 63, 74-85		17
232	Principles of Data Mining. *Undergraduate Topics in Computer Science*, **2016**,	0.1	38
231	Rule-based systems: a granular computing perspective. **2016**, 1, 259-274		88
230	Adopting Relational Reinforcement Learning in Covering Algorithms for Numeric and Noisy Environments. **2016**, 9, 572-594		
229	Automatic classification of web images as UML diagrams. **2016**,		6
228	Generalized attribute reduct in rough set theory. **2016**, 91, 204-218		114
227	A feature-based trust sequence classification algorithm. **2016**, 328, 455-484		14
226	A decision tree using ID3 algorithm for English semantic analysis. **2017**, 20, 593-613		19
225	Phishing Detection: A Case Analysis on Classifiers with Rules Using Machine Learning. **2017**, 16, 1750034		9
224	ACPRISM: Associative classification based on PRISM algorithm. **2017**, 417, 287-300		19
223	Improving disease diagnosis by a new hybrid model. **2017**, 4, 31-47		1
222	On expressiveness and uncertainty awareness in rule-based classification for data streams. **2017**, 265, 127-141		16
221	Granular computing-based approach for classification towards reduction of bias in ensemble learning. **2017**, 2, 131-139		36
220	Fuzzy information granulation towards interpretable sentiment analysis. **2017**, 2, 289-302		37

219	. **2017**,		29
218	. **2017**,		7
217	Phishing Websites Prediction Using Classification Techniques. **2017**,		6
216	Top k Recommendations using Contextual Conditional Preferences Model. **2017**,		
215	An Application of Information Entropy for Ophthalmologists Decision Making. **2017**,		
214	References. **2017**, 573-600		
213	Phishing URL detection-based feature selection to classifiers. **2017**, 9, 116		7
212	RDR-based knowledge based system to the failure detection in industrial cyber physical systems. **2018**, 150, 1-13		12
211	Rule-Based Framework for Detection of Smishing Messages in Mobile Environment. **2018**, 125, 617-623		25
210	Induction of classification rules by Gini-index based rule generation. **2018**, 436-437, 227-246		16
209	Quality improvement calls data mining: the case of the seven new quality tools. **2018**, 25, 47-75		5
208	Structural analysis and classification of search interfaces for the deep web. **2018**, 61, 386-398		1
207	Granular Computing Based Machine Learning. *Studies in Big Data*, **2018**,	0.9	11
206	A Rule-Based Classifier with Accurate and Fast Rule Term Induction for Continuous Attributes. **2018** ,		4
205	Applications of psychological science for actionable analytics. **2018**,		17
204	J-Measure Based Pruning for Advancing Classification Performance of Information Entropy Based Rule Generation. **2018**,		0
203	Suicidерelated Text Classification With Prism Algorithm. **2018**,		2
202	Other Forms of Supervised Descriptive Pattern Mining. **2018**, 151-170		

201	Learning under Concept Drift: A Review. **2018**, 1-1		121
200	Which method to use? An assessment of data mining methods in Environmental Data Science. **2018**, 110, 3-27		29
199	A SAT-Based Approach to Learn Explainable Decision Sets. *Lecture Notes in Computer Science*, **2018**, 627-645	0.5	13
198	Multi-task learning for intelligent data processing in granular computing context. **2018**, 3, 257-273		23
197	A recent review of conventional vs. automated cybersecurity anti-phishing techniques. **2018**, 29, 44-55		43
196	Mining Positive and Negative Attribute-Based Access Control Policy Rules. **2018**,		16
195	Data Mining: Classification and Prediction. **2019**, 384-402		4
194	Predicting Students Academic Procrastination in Blended Learning Course Using Homework Submission Data. **2019**, 7, 102487-102498		21
193	Handling Unforeseen Failures Using Argumentation-Based Learning. **2019**,		1
192	Generalized Mining of Relationship-Based Access Control Policies in Evolving Systems. **2019**,		6
191	An Adaptive Algorithm for Rule Learning: Case Study and Preliminary Results. **2019**, 342, 39-55		
190	Uncertainty Management with Fuzzy and Rough Sets. *Studies in Fuzziness and Soft Computing*, **2019**,	0.7	4
189	Data Analytics: Intelligent Anti-Phishing Techniques Based on Machine Learning. **2019**, 18, 1950005		6
188	Interpretable regularized class association rules algorithm for classification in a categorical data space. **2019**, 483, 313-331		15
187	Causality measures and analysis: A rough set framework. **2019**, 136, 187-200		7
186	Multi-stage mixed rule learning approach for advancing performance of rule-based classification. **2019**, 495, 65-77		2
185	Using Amino Acids of Images for Identifying Pornographic Images. **2019**,		
184	Dictionary-based classifiers for exploiting feature sequence information and their application to hyperspectral remotely sensed data. **2019**, 40, 4996-5024		8

183	An e-healthcare system for disease prediction using hybrid data mining technique. **2019**, 14, 628-661	7
182	Rule Extraction-based Data Augmentation Method for Transient Instability Identification of Power Systems Using Machine Learning. **2019**,	
181	Defeating Fake Food Labels Using Watermarking and Biosequence Analysis. **2019**,	
180	A Rule Induction Approach to Forecasting Critical Alarms in a Telecommunication Network. **2019**,	0
179	A Comparative Assessment of Machine Learning Algorithms for Events Detection. **2019**,	3
178	Subclass-based semi-random data partitioning for improving sample representativeness. **2019**, 478, 208-221	1
177	Heuristic target class selection for advancing performance of coverage-based rule learning. **2019**, 479, 164-179	5
176	Discovering more precise process models from event logs by filtering out chaotic activities. **2019**, 52, 107-139	36
175	Granular computing-based approach of rule learning for binary classification. **2019**, 4, 275-283	16
174	Hybrid model for prediction of heart disease. **2020**, 24, 1903-1925	8
173	A new machine learning model based on induction of rules for autism detection. **2020**, 26, 264-286	83
172	A Two-Step Knowledge Extraction Framework for Improving Disease Diagnosis. **2020**, 63, 364-382	2
171	Exploiting skew-adaptive delimitation mechanism for learning expressive classification rules. **2020**, 50, 746-758	1
170	Pattern identification and risk prediction of domino effect based on data mining methods for accidents occurred in the tank farm. **2020**, 193, 106646	11
169	On rule acquisition methods for data classification in heterogeneous incomplete decision systems. **2020**, 193, 105472	2
168	Mining materials knowledge with concept lattice algorithm. **2020**, 22, 100726	1
167	An improved rule induction based denial of service attacks classification model. **2020**, 99, 102008	1
166	Feature Selection for Malware Detection on the Android Platform Based on Differences of IDF Values. **2020**, 35, 946-962	3

165	. **2020**, 8, 140181-140193	1
164	About Rule-Based Systems: Single Database Queries for Decision Making. **2020**, 12, 212	1
163	Discretization Using Combination of Heuristics for High Accuracy with Huge Noise Reduction. **2020**, 1-1	
162	Graph embedded rules for explainable predictions in data streams. **2020**, 129, 174-192	2
161	Online energy management strategy of fuel cell hybrid electric vehicles based on rule learning. **2020**, 260, 121017	20
160	Exploring nonnegative and low-rank correlation for noise-resistant spectral clustering. **2020**, 23, 2107-2127	1
159	PRIPRO: A Comparison of Classification Algorithms for Managing Receiving Notifications in Smart Environments. **2020**, 10, 502	6
158	Data Mining Applied in School Dropout Prediction. **2020**, 1432, 012092	3
157	Heuristic creation of deep rule ensemble through iterative expansion of feature space. **2020**, 520, 195-208	1
156	Variations of Particle Swarm Optimization for Obtaining Classification Rules Applied to Credit Risk in Financial Institutions of Ecuador. **2020**, 8, 2	
155	Automatic Classification of Web Images as UML Static Diagrams Using Machine Learning Techniques. **2020**, 10, 2406	1
154	Application of machine learning techniques to the flexible assessment and improvement of requirements quality. **2020**, 28, 1645-1674	3
153	A Spam Transformer Model for SMS Spam Detection. **2021**, 9, 80253-80263	7
152	Rule Learning. **2021**, 373-398	
151	Applying text mining methods to suicide research. **2021**, 51, 137-147	1
150	Fusing Stretchable Sensing Technology with Machine Learning for Human–Machine Interfaces. **2021**, 31, 2008807	26
149	SURVFIT: Doubly sparse rule learning for survival data. **2021**, 117, 103691	2
148	A New Interval Type-2 Fuzzy PRISM Algorithm. **2021**,	

147	Explaining mispredictions of machine learning models using rule induction. **2021**,		2
146	ReG-Rules: An Explainable Rule-Based Ensemble Learner for Classification. **2021**, 9, 52015-52035		1
145	A Granular Computing Based Classification Method From Algebraic Granule Structure. **2021**, 9, 68118-68126		1
144	Effect of COVID-19 on Autism Spectrum Disorder: Prognosis, Diagnosis, and Therapeutics Based on AI. **2021**, 345-387		
143	Rule + Exception Strategies for Knowledge Management and Discovery. *Lecture Notes in Computer Science*, **2005**, 69-78	0.9	4
142	Generating Search Term Variants for Text Collections with Historic Spellings. *Lecture Notes in Computer Science*, **2006**, 49-60	0.9	14
141	Detection and Analysis of Off-Task Gaming Behavior in Intelligent Tutoring Systems. *Lecture Notes in Computer Science*, **2006**, 382-391	0.9	51
140	Ad-Hoc and Personal Ontologies: A Prototyping Approach to Ontology Engineering. *Lecture Notes in Computer Science*, **2006**, 13-24	0.9	4
139	Incremental Learning of Functional Logic Programs. *Lecture Notes in Computer Science*, **2001**, 233-247	0.9	14
138	Explanation-Oriented Association Mining Using a Combination of Unsupervised and Supervised Learning Algorithms. *Lecture Notes in Computer Science*, **2003**, 527-532	0.9	9
137	Using Background Knowledge as a Bias to Control the Rule Discovery Process. *Lecture Notes in Computer Science*, **2000**, 691-698	0.9	3
136	Induction of Classification Rules by Granular Computing. *Lecture Notes in Computer Science*, **2002**, 331-338	0.9	49
135	Sequential Diagnosis in the Independence Bayesian Framework. *Lecture Notes in Computer Science*, **2002**, 217-231	0.9	1
134	A Preliminary Investigation of Modified XCS as a Generic Data Mining Tool. *Lecture Notes in Computer Science*, **2002**, 133-150	0.9	28
133	Local patching produces compact knowledge bases. *Lecture Notes in Computer Science*, **1994**, 104-117	0.9	11
132	Overcoming the knowledge acquisition bottleneck in map generalization: The role of interactive systems and computational intelligence. *Lecture Notes in Computer Science*, **1995**, 139-156	0.9	20
131	P-Prism: A Computationally Efficient Approach to Scaling up Classification Rule Induction. **2008**, 77-86		4
130	An Information-Theoretic Approach to the Pre-Pruning of Classification Rules. *IFIP Advances in Information and Communication Technology*, **2002**, 201-212	0.5	25

129	Bi-Decomposition of Function Sets in Multiple-Valued Logic for Circuit Design and Data Mining. **2004**, 73-107		2
128	Explanation of Attribute Relevance in Decision-Tree Induction. **2002**, 39-52		1
127	Automatic Induction of Classification Rules from Examples Using N-Prism. **2000**, 99-121		26
126	Strategic Induction of Decision Trees. **1999**, 15-26		3
125	Random Prism: An Alternative to Random Forests. **2011**, 5-18		8
124	eRules: A Modular Adaptive Classification Rule Learning Algorithm for Data Streams. **2012**, 65-78		3
123	The Impact of Rule Ranking on the Quality of Associative Classifiers. **2006**, 277-287		1
122	Video Event Mining via Multimodal Content Analysis and Classification. **2007**, 234-258		3
121	Parallel Induction of Modular Classification Rules. **2009**, 343-348		2
120	Parallel Rule Induction with Information Theoretic Pre-Pruning. **2010**, 151-164		5
119	A Comparative Study of Assertion Mining Algorithms in GoldMine. **2019**, 609-645		1
118	In-Database Rule Learning Under Uncertainty: A Variable Precision Rough Set Approach. *Studies in Fuzziness and Soft Computing*, **2019**, 257-287	0.7	0
117	Unified Framework for Construction of Rule Based Classification Systems. *Studies in Big Data*, **2015**, 209-230	0.9	9
116	Categorization and Construction of Rule Based Systems. *Communications in Computer and Information Science*, **2014**, 183-194	0.3	11
115	Computationally Efficient Rule-Based Classification for Continuous Streaming Data. **2014**, 21-34		13
114	Exploiting Ontological Reasoning in Argumentation Based Multi-agent Collaborative Classification. *Lecture Notes in Computer Science*, **2015**, 23-33	0.9	3
113	Collaborative Decision Making by Ensemble Rule Based Classification Systems. *Studies in Big Data*, **2015**, 245-264	0.9	5
112	Generation of Classification Rules. *Studies in Big Data*, **2016**, 29-42	0.9	2

111	Representation of Classification Rules. *Studies in Big Data*, **2016**, 51-62	0.9	1
110	Induction of Modular Classification Rules by Information Entropy Based Rule Generation. **2016**, 217-230		3
109	Interpretability of Computational Models for Sentiment Analysis. **2016**, 199-220		10
108	Complexity Control in Rule Based Models for Classification in Machine Learning Context. *Advances in Intelligent Systems and Computing*, **2017**, 125-143	0.4	5
107	Towards Expressive Modular Rule Induction for Numerical Attributes. **2016**, 229-235		5
106	A Method of Rule Induction for Predicting and Describing Future Alarms in a Telecommunication Network. **2016**, 309-323		1
105	Improving Modular Classification Rule Induction with G-Prism Using Dynamic Rule Term Boundaries. *Lecture Notes in Computer Science*, **2017**, 115-128	0.9	3
104	Improving Process Discovery Results by Filtering Outliers Using Conditional Behavioural Probabilities. **2018**, 216-229		23
103	Information-Theoretic Measures for Knowledge Discovery and Data Mining. *Studies in Fuzziness and Soft Computing*, **2003**, 115-136	0.7	63
102	A General Framework for Induction of Decision Trees under Uncertainty. *Lecture Notes in Computer Science*, **2003**, 26-43	0.9	1
101	Machine Learning and Data Mining. *Cognitive Technologies*, **2012**, 1-17	2	5
100	Rule Learning in a Nutshell. *Cognitive Technologies*, **2012**, 19-55	2	3
99	Data Mining. *Natural Computing Series*, **2010**, 17-46	2.5	7
98	Conversational Case-Based Reasoning in Medical Classification and Diagnosis. *Lecture Notes in Computer Science*, **2009**, 116-125	0.9	2
97	PMCRI: A Parallel Modular Classification Rule Induction Framework. *Lecture Notes in Computer Science*, **2009**, 148-162	0.9	11
96	Comparison of Some Classification Algorithms Based on Deterministic and Nondeterministic Decision Rules. *Lecture Notes in Computer Science*, **2010**, 90-105	0.9	6
95	J-PMCRI: A Methodology for Inducing Pre-pruned Modular Classification Rules. *IFIP Advances in Information and Communication Technology*, **2010**, 47-56	0.5	7
94	Advanced Training Set Construction for Retrieval in Historic Documents. *Lecture Notes in Computer Science*, **2010**, 131-140	0.9	2

93	A Granular Computing Paradigm for Concept Learning. **2013**, 307-326		13
92	The Concept of Reducts in Pawlak Three-Step Rough Set Analysis. *Lecture Notes in Computer Science*, **2013**, 53-72	0.9	11
91	A Scalable Expressive Ensemble Learning Using Random Prism: A MapReduce Approach. *Lecture Notes in Computer Science*, **2015**, 90-107	0.9	3
90	Dependence Spaces of Information Systems. *Studies in Fuzziness and Soft Computing*, **1998**, 193-246	0.7	17
89	Applications of Dependence Spaces. *Studies in Fuzziness and Soft Computing*, **1998**, 247-289	0.7	3
88	Maintenance of Knowledge in Dynamic Information Systems. **1992**, 315-329		16
87	THE INDUCTION OF PROBABILISTIC RULE SETS□THE ITRULE ALGORITHM. **1989**, 129-132		8
86	AN OUNCE OF KNOWLEDGE IS WORTH A TON OF DATA: Quantitative Studies of the Trade-Off between Expertise and Data based on Statistically Well-Founded Empirical Induction. **1989**, 156-159		17
85	Brain tumor segmentation based on 3D neighborhood features using rule-based learning. **2019**,		1
84	Rule Based Networks: An Efficient and Interpretable Representation of Computational Models. **2017**, 7, 111-123		23
83	Data Stream Mining of Event and Complex Event Streams. *Advances in Business Information Systems and Analytics Book Series*, **2016**, 24-47	0.4	2
82	Enhanced XML Encryption Using Classification Mining Technique for e-Banking Transactions. **2013**, 3, 81-103		1
81	Rule-Based Polarity Aggregation Using Rhetorical Structures for Aspect-Based Sentiment Analysis. **2019**, 10, 44-60		2
80	Pruning Classification Rules with Instance Reduction Methods. **2015**, 5, 187-191		2
79	Classification of the Suicide-Related Text Data Using Passive Aggressive Classifier. *Advances in Intelligent Systems and Computing*, **2022**, 439-449	0.4	
78	Automated reverse engineering of role-based access control policies of web applications. **2022**, 184, 111109		0
77	A New Heuristic Measure for Learning Rules from Fuzzy Data. **2000**, 121-126		
76	Data mining. **2001**, 137-155		

75	Using J-Pruning to Reduce Overfitting of Classification Rules in Noisy Domains. *Lecture Notes in Computer Science*, **2002**, 433-442	0.9	4
74	Using J-Pruning to Reduce Overfitting in Classification Trees. **2002**, 25-38		5
73	An Interactive Learning Environment for Knowledge Engineering. *Lecture Notes in Computer Science* , **2002**, 221-227	0.9	
72	Data Mining Paradigms. *Natural Computing Series*, **2002**, 45-63	2.5	
71	Improved Object Recognition The RoboCup 4-Legged League. *Lecture Notes in Computer Science*, **2003**, 1123-1130	0.9	1
70	Superlinear Learning Algorithm Design. *Studies in Fuzziness and Soft Computing*, **2004**, 180-210	0.7	
69	A Hybrid Model for Rule Discovery in Data. *Cognitive Technologies*, **2004**, 689-722	2	
68	OIDM: Online Interactive Data Mining. *Lecture Notes in Computer Science*, **2004**, 66-76	0.9	4
67	An Evolutionary Approach for Motif Discovery and Transmembrane Protein Classification. *Lecture Notes in Computer Science*, **2005**, 105-114	0.9	2
66	An Optimal Class Association Rule Algorithm. *Communications in Computer and Information Science*, **2009**, 344-350	0.3	
65	Pronoun Resolution in Turkish Using Decision Tree and Rule-Based Learning Algorithms. *Lecture Notes in Computer Science*, **2009**, 270-278	0.9	1
64	Learning by negation of the negative examples. *Proceedings of the International Conference on Computer Systems and Technologies and Workshop for PhD Students in Computing*, **2009**,		
63	Data Mining in Medicine. **2009**, 1111-1136		1
62	On Explanation-Oriented Data Mining. **2009**, 842-848		
61	Automating the Design of Rule Induction Algorithms. *Natural Computing Series*, **2010**, 109-135	2.5	1
60	Using Fuzzy Algorithms for Modular Rules Induction. *Scientific Journal of Riga Technical University Computer Sciences*, **2010**, 42,		
59	An Analysis of Order Dependence in k-NN. *Lecture Notes in Computer Science*, **2010**, 207-218	0.9	1
58	Induction of Modular Classification Rules: Using Jmax-pruning. **2011**, 79-92		5

57	CAIG: Classification Based on Attribute-Value Pair Integrate Gain. *Communications in Computer and Information Science*, **2011**, 31-40	0.3	
56	Partitions, Coverings, Reducts and Rule Learning in Rough Set Theory. *Lecture Notes in Computer Science*, **2011**, 101-109	0.9	2
55	Knowledge Discovery of Energy Management System Based on Prism, FURIA and J48. *Lecture Notes in Electrical Engineering*, **2011**, 593-600	0.2	1
54	On the Benefits of Argumentation-Derived Evidence in Learning Policies. *Lecture Notes in Computer Science*, **2011**, 86-104	0.9	2
53	A Lazy Learning Approach to Explaining Case-Based Reasoning Solutions. *Lecture Notes in Computer Science*, **2012**, 241-254	0.9	2
52	Rule Evaluation Measures. *Cognitive Technologies*, **2012**, 135-169	2	2
51	Parallel Random Prism: A Computationally Efficient Ensemble Learner for Classification. **2012**, 21-34		2
50	Risk Based Access Control Using Classification. **2013**, 79-95		1
49	Inducing Modular Rules for Classification. *Undergraduate Topics in Computer Science*, **2013**, 157-174	0.1	
48	Integrating knowledge acquisition and performance systems. *Lecture Notes in Computer Science*, **1990**, 307-326	0.9	1
47	An Integrated Framework of Inducing Rules From Examples. **1990**, 357-365		1
46	Integration of AI and OR Techniques for Computer-aided Algorithmic Design in the Vehicle Routing Domain. **1992**, 205-213		1
45	A decomposition based induction model for discovering concept clusters from databases. *Lecture Notes in Computer Science*, **1993**, 384-397	0.9	1
44	Modeling and extending expertise. *Lecture Notes in Computer Science*, **1993**, 1-22	0.9	2
43	Refinement of rule sets with JoJo. *Lecture Notes in Computer Science*, **1993**, 378-383	0.9	2
42	A Tool for Model Generation and Knowledge Acquisition. *Lecture Notes in Statistics*, **1994**, 471-478	2.9	
41	Some aspects of rule discovery in data bases. *Lecture Notes in Computer Science*, **1995**, 192-205	0.9	
40	A generic algorithm for learning rules with hierarchical exceptions. *Lecture Notes in Computer Science*, **1995**, 181-190	0.9	

39	Students Perceptions Of University Quality: A Field Study Using LISREL And Artificial Intelligence Techniques. **1998**, 103-122		
38	Machine Learning. **1998**, 229-308		
37	A unified framework for connectionist models. *Perspectives in Neural Computing*, **1998**, 26-39		1
36	Bibliography. **2014**, 285-295		
35	Learning Data Classification: Classifiers in General and in Decision Systems. *Intelligent Systems Reference Library*, **2015**, 33-62	0.8	
34	Introduction. *Studies in Big Data*, **2016**, 1-9	0.9	
33	Encyclopedia of Machine Learning and Data Mining. **2016**, 1-2		
32	Business Process Improvement through Data Mining Techniques. **2016**, 1737-1754		
31	Inducing Modular Rules for Classification. *Undergraduate Topics in Computer Science*, **2016**, 157-174	0.1	
30	Business Process Improvement through Data Mining Techniques. *Advances in Business Information Systems and Analytics Book Series*, **2016**, 150-169	0.4	
29	Experiments on Data Classification Using Relative Entropy. *Advances in Intelligent Systems and Computing*, **2016**, 233-242	0.4	
28	Encyclopedia of Machine Learning and Data Mining. **2017**, 328-329		1
27	Securing Financial XML Transactions Using Intelligent Fuzzy Classification Techniques. *Advances in Information Quality and Management*, **2017**, 214-326	0.1	
26	Traditional Machine Learning. *Studies in Big Data*, **2018**, 11-22	0.9	0
25	Multi-granularity Rule Learning. *Studies in Big Data*, **2018**, 67-76	0.9	
24	A Study of Heuristic Evaluation Measures in Fuzzy Rule Induction. *IFIP Advances in Information and Communication Technology*, **2018**, 533-545	0.5	
23	Generating Rule-Based Signatures for Detecting Polymorphic Variants Using Data Mining and Sequence Alignment Approaches. *Journal of Information Security*, **2018**, 09, 265-298	0.3	1
22	Simple and Accurate Classification Method Based on Class Association Rules Performs Well on Well-Known Datasets. *Lecture Notes in Computer Science*, **2019**, 192-204	0.9	2

21	Rare Lazy Learning Associative Classification Using Cogency Measure for Heart Disease Prediction. *Advances in Intelligent Systems and Computing*, **2020**, 681-691	0.4	
20	Decision Rules Construction: Algorithm Based on EAV Model. *Entropy*, **2020**, 23,	2.8	1
19	Inducing Modular Rules for Classification. *Undergraduate Topics in Computer Science*, **2020**, 157-174	0.1	
18	Securing Financial XML Transactions Using Intelligent Fuzzy Classification Techniques. **2020**, 800-913		
17	A Classification Algorithm based on Concept Similarity. **2007**, 281-291		
16	Towards a Computationally Efficient Approach to Modular Classification Rule Induction. **2007**, 357-362		1
15	Efficient Multi-method Rule Learning for Pattern Classification Machine Learning and Data Mining. **2007**, 324-331		
14	Data stream classification with ant colony optimisation. *International Journal of Intelligent Systems*,	8.4	
13	Intelligent adaptable systems: First order approach. **2000**, 2, 38-55		
12	Interpretability of Machine Learning-Based Results of Malware Detection Using a Set of Rules. *Advances in Information Security*, **2022**, 107-136	0.7	
11	Rule-Based Polarity Aggregation Using Rhetorical Structures for Aspect-Based Sentiment Analysis. **2022**, 519-537		
10	Packer classification based on association rule mining. **2022**, 127, 109373		1
9	Rule Induction Using Set-Based Particle Swarm Optimisation. **2022**,		0
8	An Experimental Study on Evaluating Alzheimer Disease Features using Data Mining Techniques.		0
7	CRC: Consolidated Rules Construction for Expressive Ensemble Classification. **2022**, 138-152		0
6	Mining Attribute-Based Access Control Policies. **2022**, 186-201		0
5	Multi-Aspect Diversification of Samples and Features for Advanced Creation of Rule Ensemble. **2022**,		0
4	Rule-based visualization of faulty process conditions in the die-casting manufacturing.		0

3	A New Associative Classifier based on CFP-Growth++ Algorithm. **2015**,	1
2	Fast and efficient exception tolerant ensemble for limited training.	0
1	A Revised Converter Paradigm Designed for Spam Message Exposure. **2022**,	0