Tolerating noisy, irrelevant and novel attributes in insta

International Journal of Man-Machine Studies 36, 267-287

DOI: 10.1016/0020-7373(92)90018-g

Citation Report

#	Article	IF	CITATIONS
1	An evaluation of IB3 using artificial universes. Irish Journal of Psychology, 1993, 14, 510-511.	0.2	0
2	Classification by similarity: An overview of statistical methods of case-based reasoning. Computers in Human Behavior, 1995 , 11 , 273 - 288 .	5.1	15
3	K*: An Instance-based Learner Using an Entropic Distance Measure. , 1995, , 108-114.		408
4	Classification by Feature Partitioning. Machine Learning, 1996, 23, 47-67.	3.4	12
5	Data mining using /spl Mscr/â,,'/spl Cscr/++ a machine learning library in C++., 0,,.		48
6	Classification by Feature Partitioning. Machine Learning, 1996, 23, 47-67.	3.4	31
7	A review of machine learning. Knowledge Engineering Review, 1997, 12, 341-367.	2.1	57
8	On neurobiological, neuro-fuzzy, machine learning, and statistical pattern recognition techniques. IEEE Transactions on Neural Networks, 1997, 8, 18-31.	4.8	66
9	Bias and the probability of generalization. , 0, , .		4
10	Classification of Unseen Examples under Uncertainty. Fundamenta Informaticae, 1997, 30, 255-267.	0.3	5
10	Classification of Unseen Examples under Uncertainty. Fundamenta Informaticae, 1997, 30, 255-267. Title is missing!. Artificial Intelligence Review, 1997, 11, 273-314.	9.7	506
11	Title is missing!. Artificial Intelligence Review, 1997, 11, 273-314.		506
11	Title is missing!. Artificial Intelligence Review, 1997, 11, 273-314. A Teaching Strategy for Memory-Based Control., 1997, 11, 343-370.	9.7	506 20
11 12 13	Title is missing!. Artificial Intelligence Review, 1997, 11, 273-314. A Teaching Strategy for Memory-Based Control., 1997, 11, 343-370. Wrappers for feature subset selection. Artificial Intelligence, 1997, 97, 273-324.	9.7	506 20 6,993
11 12 13	Title is missing!. Artificial Intelligence Review, 1997, 11, 273-314. A Teaching Strategy for Memory-Based Control., 1997, 11, 343-370. Wrappers for feature subset selection. Artificial Intelligence, 1997, 97, 273-324. Colearning in Differential Games. Machine Learning, 1998, 33, 201-233.	9.7 3.9 3.4	506 20 6,993
11 12 13 14	Title is missing!. Artificial Intelligence Review, 1997, 11, 273-314. A Teaching Strategy for Memory-Based Control., 1997, 11, 343-370. Wrappers for feature subset selection. Artificial Intelligence, 1997, 97, 273-324. Colearning in Differential Games. Machine Learning, 1998, 33, 201-233. Incremental Feature Selection. Applied Intelligence, 1998, 9, 217-230.	9.7 3.9 3.4 3.3	506 20 6,993 14 254

#	Article	IF	CITATIONS
19	Intelligent learning techniques for multi-source information fusion environments. , 0, , .		2
21	Error-correcting output codes for local learners. Lecture Notes in Computer Science, 1998, , 280-291.	1.0	17
22	The development of features in object concepts. Behavioral and Brain Sciences, 1998, 21, 1-17.	0.4	768
23	CONCEPT REPRESENTATION WITH OVERLAPPING FEATURE INTERVALS. Cybernetics and Systems, 1998, 29, 263-282.	1.6	3
24	Who needs created features?. Behavioral and Brain Sciences, 1998, 21, 39-39.	0.4	1
25	Finding the Pope in the pizza: Abstract invariants and cognitive constraints on perceptual learning. Behavioral and Brain Sciences, 1998, 21, 30-30.	0.4	0
26	Feature learning during the acquisition of perceptual expertise. Behavioral and Brain Sciences, 1998, 21, 40-41.	0.4	3
27	Parts, features, and expertise. Behavioral and Brain Sciences, 1998, 21, 37-38.	0.4	0
28	Can features be created on the fly?. Behavioral and Brain Sciences, 1998, 21, 30-31.	0.4	0
29	Things are what they seem. Behavioral and Brain Sciences, 1998, 21, 25-25.	0.4	0
30	A framework for structural constraints on feature creation. Behavioral and Brain Sciences, 1998, 21, 29-29.	0.4	2
31	Do features arise out of nothing?. Behavioral and Brain Sciences, 1998, 21, 38-39.	0.4	1
32	A creationist myth: Pragmatic combination not feature creation. Behavioral and Brain Sciences, 1998, 21, 19-20.	0.4	1
33	Eigenfeatures as intermediate-level representations: The case for PCA models. Behavioral and Brain Sciences, 1998, 21, 17-18.	0.4	33
34	Fixed versus flexible features in dissociable neural processing subsystems. Behavioral and Brain Sciences, 1998, 21, 21-22.	0.4	0
35	Building block dilemmas. Behavioral and Brain Sciences, 1998, 21, 26-27.	0.4	1
36	Real-world categories don't allow uniform feature spaces – not just across categories but within categories also. Behavioral and Brain Sciences, 1998, 21, 28-28.	0.4	1
37	Context-dependent feature discovery is evidence that the coordination of function is a basic cognitive capacity. Behavioral and Brain Sciences, 1998, 21, 34-35.	0.4	0

#	Article	IF	Citations
38	Emergence of object representations in young infants: Corroborating findings and a challenge for the feature creation approach. Behavioral and Brain Sciences, 1998, 21, 35-36.	0.4	O
39	Self-organizing features and categories through attentive resonance. Behavioral and Brain Sciences, 1998, 21, 27-28.	0.4	0
40	Ways of featuring in object categorization. Behavioral and Brain Sciences, 1998, 21, 41-54.	0.4	5
41	Feature creation as a byproduct of attentional processing. Behavioral and Brain Sciences, 1998, 21, 33-34.	0.4	4
42	Flexible features, connectionism, and computational learning theory. Behavioral and Brain Sciences, 1998, 21, 24-25.	0.4	1
43	The development of new functional features by instruction: The case of medical education. Behavioral and Brain Sciences, 1998, 21, 20-21.	0.4	1
44	Feature see, feature do. Behavioral and Brain Sciences, 1998, 21, 18-19.	0.4	0
45	Parts of visual shape as primitives for categorization. Behavioral and Brain Sciences, 1998, 21, 36-37.	0.4	5
46	Feature learning, multiresolution analysis, and symbol grounding. Behavioral and Brain Sciences, 1998, 21, 32-32.	0.4	8
47	The other hard problem: How to bridge the gap between symbolic and subsymbolic cognition. Behavioral and Brain Sciences, 1998, 21, 22-23.	0.4	0
48	Flexible categorization requires the creation of relational features. Behavioral and Brain Sciences, 1998, 21, 23-24.	0.4	0
49	New features for old: Creation or derivation?. Behavioral and Brain Sciences, 1998, 21, 31-32.	0.4	0
50	New-feature learning: How common is it?. Behavioral and Brain Sciences, 1998, 21, 26-26.	0.4	1
51	A simulated annealing technique for generating artificial data to assess concept learning algorithms. Intelligent Data Analysis, 1999, 3, 177-189.	0.4	1
52	Integrating case-based learning and cognitive biases for machine learning of natural language. Journal of Experimental and Theoretical Artificial Intelligence, 1999, 11, 297-337.	1.8	5
53	A simulated annealing technique for generating artificial data to assess concept learning algorithms. Intelligent Data Analysis, 1999, 3, 177-189.	0.4	2
54	Memory and neural network based expert system. Expert Systems With Applications, 1999, 16, 145-155.	4.4	24
55	Improving generalisation using neural bidirectional convergence., 0,,.		0

#	ARTICLE	IF	CITATIONS
56	Data compression and local metrics for nearest neighbor classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1999, 21, 380-384.	9.7	35
57	<title>Memory- and neural-network-based expert system</title> ., 1999, , .		0
58	Message classification in the call center. , 2000, , .		33
59	The Immune System as a Model for Pattern Recognition and Classification. Journal of the American Medical Informatics Association: JAMIA, 2000, 7, 28-41.	2.2	172
60	Supervised learning for the analysis of process operational data. Computers and Chemical Engineering, 2000, 24, 471-474.	2.0	12
61	Elucidative fusion systems – an exposition. Information Fusion, 2000, 1, 5-15.	11.7	34
62	An Integrated Instance-Based Learning Algorithm. Computational Intelligence, 2000, 16, 1-28.	2.1	66
63	Reduction Techniques for Instance-Based Learning Algorithms. Machine Learning, 2000, 38, 257-286.	3.4	983
64	A Cognitive Bias Approach to Feature Selection and Weighting for Case-Based Learners. Machine Learning, 2000, 41, 85-116.	3.4	9
65	Incremental Iterative Retrieval and Browsing for Efficient Conversational CBR Systems. Applied Intelligence, 2000, 12, 251-268.	3.3	17
66	An empirical analysis of techniques for constructing and searching k-dimensional trees. , 2000, , .		6
68	Decomposition in data mining: an industrial case study. IEEE Transactions on Electronics Packaging Manufacturing, 2000, 23, 238-238.	1.6	17
69	Decomposition in data mining: an industrial case study. IEEE Transactions on Electronics Packaging Manufacturing, 2000, 23, 345-353.	1.6	86
70	Feature transformation methods in data mining. IEEE Transactions on Electronics Packaging Manufacturing, 2001, 24, 214-221.	1.6	86
71	A reduction technique for nearest-neighbor classification: Small groups of examples. Intelligent Data Analysis, 2001, 5, 463-476.	0.4	6
72	<title>Metric sensitivity of the multisensor information fusion process under instance-based learning</title> ., 2001, 4385, 1.		1
73	<title>Data analysis: models and alogrithms</title> ., 2001,,.		2
74	Similarity-based inference as evidential reasoning. International Journal of Approximate Reasoning, 2001, 26, 67-100.	1.9	19

#	Article	IF	CITATIONS
75	Data mining of printed-circuit board defects. IEEE Transactions on Automation Science and Engineering, 2001, 17, 191-196.	2.4	68
76	Using Bayesian networks in the construction of a bi-level multi-classifier. A case study using intensive care unit patients data. Artificial Intelligence in Medicine, 2001, 22, 233-248.	3.8	53
77	DMP3: A DYNAMIC MULTILAYER PERCEPTRON CONSTRUCTION ALGORITHM. International Journal of Neural Systems, 2001, 11, 145-165.	3.2	5
78	A SELECTIVE LEARNING METHOD TO IMPROVE THE GENERALIZATION OF MULTILAYER FEEDFORWARD NEURAL NETWORKS. International Journal of Neural Systems, 2001, 11, 167-177.	3.2	12
79	Learning-based scheduling of flexible manufacturing systems using case-based reasoning. Applied Artificial Intelligence, 2001, 15, 949-963.	2.0	12
80	Feature Weighting for Nearest Neighbor by Estimation of Distribution Algorithms. Genetic Algorithms and Evolutionary Computation, 2002, , 295-311.	0.3	O
83	User profiling for the melvil knowledge retrieval system. Applied Artificial Intelligence, 2002, 16, 243-281.	2.0	6
84	TAILOR: a record linkage toolbox. , 0, , .		115
85	Improving Performance of the k-Nearest Neighbor Classifier by Combining Feature Selection with Feature Weighting Transactions of the Japanese Society for Artificial Intelligence, 2002, 17, 209-216.	0.1	1
86	Leveraging XML-based electronic medical records to extract experiential clinical knowledge. International Journal of Medical Informatics, 2002, 68, 187-203.	1.6	32
87	A case-based customer classification approach for direct marketing. Expert Systems With Applications, 2002, 22, 163-168.	4.4	101
88	Formalising optimal feature weight setting in case based diagnosis as linear programming problems. Knowledge-Based Systems, 2002, 15, 391-398.	4.0	19
89	A domain knowledge based search advisor for design problem solving environments. Engineering Applications of Artificial Intelligence, 2002, 15, 105-116.	4.3	35
90	A hybrid filter/wrapper approach of feature selection using information theory. Pattern Recognition, 2002, 35, 835-846.	5.1	122
91	A Memory-Based Approach to Anti-Spam Filtering for Mailing Lists. Information Retrieval, 2003, 6, 49-73.	1.6	145
92	Possibilistic instance-based learning. Artificial Intelligence, 2003, 148, 335-383.	3.9	31
93	Case-based systems. IEEE Intelligent Systems, 2003, 18, 60-67.	4.0	25
94	Case-Based Reasoning Research and Development. Lecture Notes in Computer Science, 2003, , .	1.0	6

#	Article	IF	CITATIONS
96	Dependability and Survivability of Large Complex Critical Infrastructures. Lecture Notes in Computer Science, 2003, , 342-353.	1.0	6
97	Setting attribute weights for k-NN based binary classification via quadratic programming. Intelligent Data Analysis, 2003, 7, 427-441.	0.4	1
98	Prototype induction and attribute selection via evolutionary algorithms. Intelligent Data Analysis, 2003, 7, 193-208.	0.4	14
99	Knowledge-Based Scribe Recognition in Historical Music Archives. Lecture Notes in Computer Science, 2004, , 304-316.	1.0	4
101	Weighted Instance Typicality Search (WITS): A nearest neighbor data reduction algorithm. Intelligent Data Analysis, 2004, 8, 61-78.	0.4	12
102	Authentic Emotion Detection in Real-Time Video. Lecture Notes in Computer Science, 2004, , 94-104.	1.0	35
103	Case generation using rough sets with fuzzy representation. IEEE Transactions on Knowledge and Data Engineering, 2004, 16, 292-300.	4.0	172
104	Towards authentic emotion recognition. , 0, , .		15
105	Decision cost feature weighting and its application in intrusion detection. Wuhan University Journal of Natural Sciences, 2004, 9, 765-769.	0.2	0
106	GA based CBR approach in Q&A system. Expert Systems With Applications, 2004, 26, 167-170.	4.4	36
107	Authentic facial expression analysis., 0,,.		65
108	Applying Support Vector Machines to Imbalanced Datasets. Lecture Notes in Computer Science, 2004, , 39-50.	1.0	584
109	DEI-DEO fusion as a tool for improving decision robustness across metrics in similarity-measure-based classifiers. , 2004, , .		1
110	Feature weighting using neural networks., 0,,.		6
111	Improve question & answer system by applying genetic algorithm., 0,,.		0
112	Optimizing combustion efficiency of a circulating fluidized boiler: A data mining approach. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2005, 9, 263-274.	0.7	9
113	PROTOTYPE CLASSIFIER DESIGN WITH PRUNING. International Journal on Artificial Intelligence Tools, 2005, 14, 261-280.	0.7	19
114	An intelligent support system for supplier evaluation. International Journal of Management and Enterprise Development, 2005, 2, 441.	0.1	5

#	Article	IF	Citations
115	Adaptable User Profiles for Intelligent Geospatial Queries. Transactions in GIS, 2005, 9, 561-583.	1.0	3
117	Multi-represented kNN-Classification for Large Class Sets. Lecture Notes in Computer Science, 2005, , 511-522.	1.0	6
120	DETECTION OF EVENTS CAUSING PLUGGAGE OF A COAL-FIRED BOILER: A DATA MINING APPROACH. Combustion Science and Technology, 2005, 177, 2327-2348.	1.2	4
121	Selection of Invariant objects with a data-mining approach. IEEE Transactions on Electronics Packaging Manufacturing, 2005, 28, 187-196.	1.6	5
122	Learning Similarity Measure of Nominal Features in CBR Classifiers. Lecture Notes in Computer Science, 2005, , 780-785.	1.0	1
123	GEOMETRIC PROXIMITY GRAPHS FOR IMPROVING NEAREST NEIGHBOR METHODS IN INSTANCE-BASED LEARNING AND DATA MINING. International Journal of Computational Geometry and Applications, 2005, 15, 101-150.	0.3	64
124	Adaptive spam filtering using dynamic feature space. , 2005, , .		9
125	An Unbalanced Dataset Classification Approach Based on v-Support Vector Machine., 2006,,.		5
126	Applications of Machine Learning in Cancer Prediction and Prognosis. Cancer Informatics, 2006, 2, 117693510600200.	0.9	539
127	Selecting and weighting features using a genetic algorithm in a case-based reasoning approach to personnel rostering. European Journal of Operational Research, 2006, 175, 649-671.	3.5	89
128	A comparison of machine-learning algorithms for dynamic scheduling of flexible manufacturing systems. Engineering Applications of Artificial Intelligence, 2006, 19, 247-255.	4.3	110
129	A novel gray-based reduced NN classification method. Pattern Recognition, 2006, 39, 1979-1986.	5.1	11
130	An LDAP-based User Modeling Server and its Evaluation. User Modeling and User-Adapted Interaction, 2006, 16, 129-169.	2.9	42
131	An instance-based learning approach based on grey relational structure. Applied Intelligence, 2006, 25, 243-251.	3.3	8
132	A hybrid sales forecasting system based on clustering and decision trees. Decision Support Systems, 2006, 42, 408-421.	3.5	151
133	Bayesian Sampling of Virtual Examples to Improve Classification Accuracy. , 2006, , .		2
134	WAIRS: improving classification accuracy by weighting attributes in the AIRS classifier. , 2007, , .		13
135	Credible Case-Based Inference Using Similarity Profiles. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 847-858.	4.0	12

#	Article	IF	CITATIONS
136	Credible Case-Based Inference Using Similarity Profiles. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 847-858.	4.0	13
137	ADAPTIVE SPAM FILTERING USING DYNAMIC FEATURE SPACES. International Journal on Artificial Intelligence Tools, 2007, 16, 627-646.	0.7	10
139	Innovation science: a primer. International Journal of Computer Applications in Technology, 2007, 28, 140.	0.3	10
140	Weighted kNNModel-Nased Data Reduction and Classification. , 2007, , .		0
141	Mining competent case bases for case-based reasoning. Artificial Intelligence, 2007, 171, 1039-1068.	3.9	54
142	Authentic facial expression analysis. Image and Vision Computing, 2007, 25, 1856-1863.	2.7	198
143	Decision support systems for police: Lessons from the application of data mining techniques to "soft― forensic evidence. Artificial Intelligence and Law, 2007, 14, 35-100.	3.0	36
144	A decision tree-based attribute weighting filter for naive Bayes. Knowledge-Based Systems, 2007, 20, 120-126.	4.0	136
145	A case-based approach for characterization and analysis of subgroup patterns. Applied Intelligence, 2008, 28, 210-221.	3.3	25
146	Local distance-based classification. Knowledge-Based Systems, 2008, 21, 692-703.	4.0	15
147	hERG Classification Model Based on a Combination of Support Vector Machine Method and GRIND Descriptors. Molecular Pharmaceutics, 2008, 5, 117-127.	2.3	91
148	Novelty detection with instance-based learning for optical character quality control. , 2008, , .		0
149	Database Marketing. International Series in Quantitative Marketing, 2008, , .	0.5	148
150	Entropy-based associative classification algorithm for mining manufacturing data. International Journal of Computer Integrated Manufacturing, 2008, 21, 825-838.	2.9	9
151	Selection of examples in case-based computer-aided decision systems. Physics in Medicine and Biology, 2008, 53, 6079-6096.	1.6	17
152	Reduction of power consumption in sensor network applications using machine learning techniques. , 2008, , .		10
153	A neuro-fuzzy based agent for group decision support in applicant ranking within human resources systems. , 2009, , .		10
154	PID-Based Feature Weight Learning and Its Application in Intrusion Detection. , 2009, , .		1

#	Article	IF	Citations
155	Genetic-based approach for cue phrase selection in dialogue act recognition. Evolutionary Intelligence, 2009, 1, 253-269.	2.3	1
156	Combining classifiers for credit risk prediction. Journal of Systems Science and Systems Engineering, 2009, 18, 292-311.	0.8	11
158	Scaling Up the Accuracy of K-Nearest-Neighbour Classifiers: A Naive-Bayes Hybrid. International Journal of Computers and Applications, 2009, 31, 36-43.	0.8	1
159	In Silico Binary Classification QSAR Models Based on 4D-Fingerprints and MOE Descriptors for Prediction of hERG Blockage. Journal of Chemical Information and Modeling, 2010, 50, 1304-1318.	2.5	74
160	A study of the effect of different types of noise on the precision of supervised learning techniques. Artificial Intelligence Review, 2010, 33, 275-306.	9.7	336
161	Bayesian instance selection for the nearest neighbor rule. Machine Learning, 2010, 81, 229-256.	3.4	16
162	New method for instance or prototype selection using mutual information in time series prediction. Neurocomputing, 2010, 73, 2030-2038.	3.5	42
163	Feature interval learning algorithms for classification. Knowledge-Based Systems, 2010, 23, 402-417.	4.0	5
164	Dynamic Bayesian networks and variable length genetic algorithm for designing cue-based model for dialogue act recognition. Computer Speech and Language, 2010, 24, 190-218.	2.9	3
165	Multiple classifier application to credit risk assessment. Expert Systems With Applications, 2010, 37, 3326-3336.	4.4	131
166	Applications of Support Vector Machines in Bioinformatics and Network Security., 0,,.		1
168	Prediction of the Liquid-Crystalline Property Using Different Classification Methods. Molecular Crystals and Liquid Crystals, 2010, 518, 129-148.	0.4	9
169	Rule-based classification approach for railway wagon health monitoring. , 2010, , .		3
170	Analog Sky Condition Forecasting Based on a k-nn Algorithm. Weather and Forecasting, 2010, 25, 1463-1478.	0.5	8
171	Data Reduction in Very Large Spatio-Temporal Datasets. , 2010, , .		10
172	Predicting Vertical Acceleration of Railway Wagons Using Regression Algorithms. IEEE Transactions on Intelligent Transportation Systems, 2010, 11, 290-299.	4.7	39
173	Comparison of Machine Learning Techniques using the WEKA Environment for Prostate Cancer Therapy Plan. , 2011 , , .		13
174	Safe reinforcement learning in high-risk tasks through policy improvement., 2011,,.		7

#	Article	IF	Citations
175	Scenario-based robust scheduling for collaborative human-UAV visual search tasks., 2011,,.		12
176	Performance comparison of machine learning algorithms and number of independent components used in fMRI decoding of belief vs. disbelief. NeuroImage, 2011, 56, 544-553.	2.1	92
177	K Nearest Neighbor Equality: Giving equal chance to all existing classes. Information Sciences, 2011, 181, 5158-5168.	4.0	21
178	One Dependence Value Difference Metric. Knowledge-Based Systems, 2011, 24, 589-594.	4.0	25
179	Rough set based approaches to feature selection for Case-Based Reasoning classifiers. Pattern Recognition Letters, 2011, 32, 280-292.	2.6	57
180	Grey relational analysis based on instance based learning approach for classification of risks of occupational low back disorders. Safety Science, 2011, 49, 1277-1282.	2.6	20
181	MULTI-CLASS CLASSIFICATION VIA SUBSPACE MODELING. International Journal of Semantic Computing, 2011, 05, 55-78.	0.4	6
183	A Neuro-Fuzzy Approach for Identifying Practice Variations Based on Modelling Relationships between Clinical Variables and Treatment Decisions. , 2011 , , .		O
184	Foundations on Natural and Artificial Computation. Lecture Notes in Computer Science, 2011, , .	1.0	0
187	Experimental demonstration of a cognitive quality of transmission estimator for optical communication systems. Optics Express, 2012, 20, B64.	1.7	18
188	A Cognitive System for Fast Quality of Transmission Estimation in Core Optical Networks. , 2012, , .		6
189	TOWARDS A UNIFIED PRINCIPLE FOR REASONING ABOUT HETEROGENEOUS DATA: A FUZZY LOGIC FRAMEWORK. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2012, 20, 281-302.	0.9	4
190	Individualized patient-centered lifestyle recommendations: An expert system for communicating patient specific cardiovascular risk information and prioritizing lifestyle options. Journal of Biomedical Informatics, 2012, 45, 1164-1174.	2.5	46
191	Towards Identifying Root Causes of Faults in Service-Based Applications. , 2012, , .		3
192	Enhancing optical networks with cognition: Case-Based Reasoning to estimate the quality of transmission. , 2012, , .		2
193	Increasing Retrieval Quality in Conversational Recommenders. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 1876-1888.	4.0	16
195	Optimization of the knowledge base of a cognitive quality of transmission estimator for core optical networks., 2012,,.		2
196	An adaptive learning fuzzy logic system for indoor localisation using Wi-Fi in Ambient Intelligent Environments. , 2012, , .		13

#	Article	IF	CITATIONS
197	A Modified Short and Fukunaga Metric based on the attribute independence assumption. Pattern Recognition Letters, 2012, 33, 1213-1218.	2.6	11
198	Quality Prediction in Interlinked Manufacturing Processes based on Supervised & Supervised Machine Learning. Procedia CIRP, 2013, 7, 193-198.	1.0	99
199	An Augmented Value Difference Measure. Pattern Recognition Letters, 2013, 34, 1169-1174.	2.6	16
200	A Cognitive Quality of Transmission Estimator for Core Optical Networks. Journal of Lightwave Technology, 2013, 31, 942-951.	2.7	61
201	A Survey of mislabeled training data detection techniques for pattern classification. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2013, 30, 524.	2.1	20
202	A Fuzzy Logic-Based System for Indoor Localization Using WiFi in Ambient Intelligent Environments. IEEE Transactions on Fuzzy Systems, 2013, 21, 702-718.	6.5	72
203	A novel feature selection method and its application. Journal of Intelligent Information Systems, 2013, 41, 235-268.	2.8	5
204	Bayesian network classifiers for probability-based metrics. Journal of Experimental and Theoretical Artificial Intelligence, 2013, 25, 477-491.	1.8	4
205	Identifying incompatible service implementations using pooled decision trees. , 2013, , .		3
206	Subset Selection Classifier (SSC): A Training Set Reduction Method. , 2013, , .		3
207	Attribute Weighted Value Difference Metric. , 2013, , .		7
208	AlB2., 2013,,.		2
209	Genetic Algorithm Based Approach in Attribute Weighting for a Medical Data Set. Journal of Computational Medicine, 2014, 2014, 1-11.	0.3	11
210	A NOVEL DISTANCE FUNCTION: FREQUENCY DIFFERENCE METRIC. International Journal of Pattern Recognition and Artificial Intelligence, 2014, 28, 1451002.	0.7	10
211	Modified fuzzy support vector machine for credit approval classification. Al Communications, 2014, 27, 189-211.	0.8	23
212	Efficient \$\$k\$\$ k -NN classification based on homogeneous clusters. Artificial Intelligence Review, 2014, 42, 491-513.	9.7	3
213	A methodology for training set instance selection using mutual information in time series prediction. Neurocomputing, 2014, 141, 236-245.	3.5	41
214	Markov mean properties for cell death-related protein classification. Journal of Theoretical Biology, 2014, 349, 12-21.	0.8	13

#	ARTICLE	IF	CITATIONS
215	Improving enzyme regulatory protein classification by means of SVM-RFE feature selection. Molecular BioSystems, 2014, 10, 1063.	2.9	20
216	Local value difference metric. Pattern Recognition Letters, 2014, 49, 62-68.	2.6	11
217	Analyzing rough set based attribute reductions by extension rule. Neurocomputing, 2014, 123, 185-196.	3.5	7
218	Evaluating Case-Base Maintenance algorithms. Knowledge-Based Systems, 2014, 67, 180-194.	4.0	14
219	Nearest neighbor imputation using spatial–temporal correlations in wireless sensor networks. Information Fusion, 2014, 15, 64-79.	11.7	78
220	A Novel SVM-Based Reduced NN Classification Method. , 2015, , .		2
221	Meta learning of bounds on the Bayes classifier error. , 2015, , .		5
222	An improved cuckoo search based extreme learning machine for medical data classification. Swarm and Evolutionary Computation, 2015, 24, 25-49.	4.5	164
223	Intelligent feature selection using hybrid based feature selection method., 2016,,.		0
224	Mutual information based feature selection for multivariate time series forecasting. , 2016, , .		6
225	PrÃdiktive Prozessýberwachung auf Basis verteilt erfasster Sensordaten. Automatisierungstechnik, 2016, 64, 521-533.	0.4	3
226	Efficient editing and data abstraction by finding homogeneous clusters. Annals of Mathematics and Artificial Intelligence, 2016, 76, 327-349.	0.9	6
227	Hybrid renewable energy integration (HREI) system for subtropical climate in Central Queensland, Australia. Renewable Energy, 2016, 96, 1034-1053.	4.3	53
228	RHC: a non-parametric cluster-based data reduction for efficient \$\$k\$\$ k -NN classification. Pattern Analysis and Applications, 2016, 19, 93-109.	3.1	32
229	Case-base maintenance with multi-objective evolutionary algorithms. Journal of Intelligent Information Systems, 2016, 46, 259-284.	2.8	7
230	Label denoising based on Bayesian aggregation. International Journal of Machine Learning and Cybernetics, 2017, 8, 903-914.	2.3	0
231	Toward value difference metric with attribute weighting. Knowledge and Information Systems, 2017, 50, 795-825.	2.1	19
232	Cloud based automated framework for semantic rich ontology construction and similarity computation for E-health applications. Informatics in Medicine Unlocked, 2017, 8, 66-73.	1.9	2

#	ARTICLE	IF	CITATIONS
233	Identifying domain relevant user generated content through noise reduction: a test in a Chinese stock discussion forum. Information Discovery and Delivery, 2017, 45, 181-193.	1.6	2
234	Independently weighted value difference metric. Pattern Recognition Letters, 2017, 97, 61-68.	2.6	3
235	Pashto spoken digits recognition using spectral and prosodic based feature extraction., 2017,,.		6
236	Electronic Health Records: Benefits and Challenges for Data Quality. Scalable Computing and Communications, 2017, , 123-156.	0.5	4
237	The Importance of Ontological Structure: Why Validation by â€~Fit-to-Data' Is Insufficient. Understanding Complex Systems, 2017, , 141-172.	0.3	7
238	Heartbeat classification using projected and dynamic features of ECG signal. Biomedical Signal Processing and Control, 2017, 31, 165-173.	3.5	171
239	KRNN: k Rare-class Nearest Neighbour classification. Pattern Recognition, 2017, 62, 33-44.	5.1	63
240	Remote sensing textual image classification based on extreme learning machine and hybrid rice optimization algorithm. , 2017, , .		7
242	Attribute weighting with Scatter and instance-based learning methods evaluated with otoneurological data. International Journal of Data Science, 2017, 2, 173.	0.1	1
245	A fuzzy K-nearest neighbor classifier to deal with imperfect data. Soft Computing, 2018, 22, 3313-3330.	2.1	17
246	Exploring the effect of data reduction on Neural Network and Support Vector Machine classification. Neurocomputing, 2018, 280, 101-110.	3.5	26
247	Using differential evolution for improving distance measures of nominal values. Applied Soft Computing Journal, 2018, 64, 14-34.	4.1	17
248	Modeling of stem form and volume through machine learning. Anais Da Academia Brasileira De Ciencias, 2018, 90, 3389-3401.	0.3	11
249	Learning-based scheduling of flexible manufacturing systems using ensemble methods. Computers and Industrial Engineering, 2018, 126, 282-291.	3.4	69
250	Quantifying hourly suspended sediment load using data mining models: Case study of a glacierized Andean catchment in Chile. Journal of Hydrology, 2018, 567, 165-179.	2.3	133
251	Study of data transformation techniques for adapting single-label prototype selection algorithms to multi-label learning. Expert Systems With Applications, 2018, 109, 114-130.	4.4	15
252	Data Mining: Prediction Methods. , 2019, , 413-430.		11
253	Effect of Irrelevant Variables on Faulty Wafer Detection in Semiconductor Manufacturing. Energies, 2019, 12, 2530.	1.6	8

#	Article	IF	CITATIONS
254	Predicting Stock Market Indices Using Classification Tools. Asian Economic and Financial Review, 2019, 9, 243-256.	0.3	5
255	Stock Market Data Prediction Using Machine Learning Techniques. Advances in Intelligent Systems and Computing, 2019, , 539-547.	0.5	14
256	Methods for a similarity measure for clinical attributes based on survival data analysis. BMC Medical Informatics and Decision Making, 2019, 19, 195.	1.5	6
257	Low Cost Outdoors WSN Parking System for Metropolitan Areas Based on RSS. , 2019, , .		3
258	Default avoidance on credit card portfolios using accounting, demographical and exploratory factors: decision making based on machine learning (ML) techniques. Annals of Operations Research, 2020, 294, 715-739.	2.6	20
259	An Improved Naive Bayesian Classification Model Based on Attribute Weighting. Journal of Physics: Conference Series, 2020, 1550, 022017.	0.3	O
260	Extreme learning with chemical reaction optimization for stock volatility prediction. Financial Innovation, 2020, 6, .	3.6	23
261	Prediction of Compressive Strength of Concrete and Rock Using an Elementary Instance-Based Learning Algorithm. Advances in Civil Engineering, 2021, 2021, 1-10.	0.4	6
262	A three-stage approach for modeling multiple time series applied to symbolic quartile data. Expert Systems With Applications, 2022, 187, 115884.	4.4	5
264	CBR for State Value Function Approximation in Reinforcement Learning. Lecture Notes in Computer Science, 2005, , 206-221.	1.0	17
265	Knowledge-Rich Similarity-Based Classification. Lecture Notes in Computer Science, 2005, , 522-536.	1.0	1
266	Analogy-Based Reasoning in Classifier Construction. Lecture Notes in Computer Science, 2005, , 277-374.	1.0	39
267	Similarity-Based Data Reduction and Classification. , 2005, , 227-238.		2
268	Dimensionality Reduction through Sub-space Mapping for Nearest Neighbour Algorithms. Lecture Notes in Computer Science, 2000, , 331-343.	1.0	3
269	Fast Feature Selection using Partial Correlation for Multi-valued Attributes. Lecture Notes in Computer Science, 2000, , 221-231.	1.0	9
270	Generation of Similarity Measures from Different Sources. Lecture Notes in Computer Science, 2001, , 197-206.	1.0	3
271	Prototype Generation Based on Instance Filtering and Averaging. Lecture Notes in Computer Science, 2000, , 142-152.	1.0	4
272	Integrating rules and cases for the classification task. Lecture Notes in Computer Science, 1995 , , $325-334$.	1.0	24

#	Article	IF	CITATIONS
273	PAC analyses of a â€~similarity learning' IBL algorithm. Lecture Notes in Computer Science, 1997, , 445-454.	1.0	1
274	Examining locally varying weights for nearest neighbor algorithms. Lecture Notes in Computer Science, 1997, , 455-466.	1.0	23
275	Using Machine Learning, Neural Networks and Statistics to Predict Corporate Bankruptcy: A Comparative Study., 1996,, 3-19.		2
276	A Decision Tree-Based Attribute Weighting Filter for Naive Bayes. , 2007, , 59-70.		16
277	Video Event Mining via Multimodal Content Analysis and Classification., 2007,, 234-258.		3
278	Verification of Results in the Acquiring Knowledge Process Based on IBL Methodology. Lecture Notes in Computer Science, 2018, , 750-760.	1.0	5
280	A Novel Partial-Memory Learning Algorithm Based on Grey Relational Structure. Lecture Notes in Computer Science, 2003, , 68-75.	1.0	3
281	Label Ranking in Case-Based Reasoning. Lecture Notes in Computer Science, 2007, , 77-91.	1.0	7
283	Learning from Label Proportions by Optimizing Cluster Model Selection. Lecture Notes in Computer Science, 2011, , 349-364.	1.0	33
284	Feature Weighting and Confidence Based Prediction for Case Based Reasoning Systems. Lecture Notes in Computer Science, 2012, , 211-225.	1.0	10
285	A Review and Empirical Evaluation of Feature Weighting Methods for a Class of Lazy Learning Algorithms. , 1997, , 273-314.		34
287	A Data Mining Approach for Generation of Control Signatures. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2002, 124, 923-926.	1.3	16
288	SMOOTHING DECISION BOUNDARIES TO AVOID OVERFITTING IN NEURAL NETWORK TRAINING. Neural Network World, 2011, 21, 311-326.	0.5	14
289	Dimensionality Reduction for Probabilistic Neural Network in Medical Data Classification Problems. International Journal of Electronics and Telecommunications, 2015, 61, 289-300.	0.6	5
290	Active Learning with Multiple Views. Journal of Artificial Intelligence Research, 0, 27, 203-233.	7.0	161
291	Improved Heterogeneous Distance Functions. Journal of Artificial Intelligence Research, 0, 6, 1-34.	7.0	921
292	Safe Exploration of State and Action Spaces in Reinforcement Learning. Journal of Artificial Intelligence Research, 0, 45, 515-564.	7.0	61
293	Efficient data abstraction using weighted IB2 prototypes. Computer Science and Information Systems, 2014, 11, 665-678.	0.7	3

#	Article	IF	CITATIONS
294	Predictive Analysis for Digital Marketing Using Big Data. Advances in Business Information Systems and Analytics Book Series, 2017, , 259-283.	0.3	4
296	A Survey of Distance Metrics for Nominal Attributes. Journal of Software, 2010, 5, .	0.6	9
297	A Method to Edit Training Set Based on Rough Sets. International Journal of Computational Intelligence Research, 2007, 3, .	0.3	13
298	Data mining: concepts and techniques. Choice Reviews, 2012, 49, 49-3305-49-3305.	0.4	6,008
299	Prototype Selection and Generation with Minority Classes Preservation., 2021,,.		0
300	Learning Complex Similarity Measures. Studies in Classification, Data Analysis, and Knowledge Organization, 2000, , 254-263.	0.1	0
301	Learning via Prototype Generation and Filtering. , 2001, , 227-244.		0
302	Boosting the Performance of Nearest Neighbour Methods with Feature Selection. Lecture Notes in Computer Science, 2001, , 210-221.	1.0	2
303	sequential Instance-Based Learning for Planning in the Context of an Imperfect Information Game. Lecture Notes in Computer Science, 2001, , 483-501.	1.0	2
304	Learning User Preferences in Multi-agent System. Lecture Notes in Computer Science, 2002, , 169-178.	1.0	0
305	Data Mining Paradigms. Natural Computing Series, 2002, , 45-63.	2.2	0
306	Machine Learning Methods for Improving Gender Recognition from Stop Consonants., 2003,, 424-429.		0
307	Learning Default Fuzzy Rules with General and Punctual Exceptions. Studies in Fuzziness and Soft Computing, 2003, , 302-337.	0.6	0
308	Correcting the Training Data. Combinatorial Optimization, 2003, , 1-41.	0.7	5
309	Automatic Determination of Usenet News Groups from User Profile. Journal of Korean Institute of Intelligent Systems, 2004, 14, 142-149.	0.0	0
311	Sampling of Virtual Examples to Improve Classification Accuracy for Nominal Attribute Data. Lecture Notes in Computer Science, 2006, , 637-646.	1.0	0
312	A Tutorial on Hierarchical Classification with Applications in Bioinformatics. , 2008, , 114-140.		14
314	Electronic Nose Ovarian Carcinoma Diagnosis Based on Machine Learning Algorithms. Lecture Notes in Computer Science, 2009, , 13-23.	1.0	3

#	ARTICLE	IF	CITATIONS
315	Classifier Hypothesis Generation Using Visual Analysis Methods. Communications in Computer and Information Science, 2010, , 98-111.	0.4	3
316	Surrounding Influenced K-Nearest Neighbors: A New Distance Based Classifier. Lecture Notes in Computer Science, 2010, , 270-277.	1.0	0
317	Application of Machine Learning Techniques for Railway Health Monitoring., 2010,, 396-421.		0
318	CORRELATION WEIGHTED HETEROGENEOUS EUCLIDEAN-OVERLAP METRIC. International Journal of Computers and Applications, 2011, 33, .	0.8	0
319	An Evolutionary Multiobjective Constrained Optimisation Approach for Case Selection: Evaluation in a Medical Problem. Lecture Notes in Computer Science, 2011, , 383-392.	1.0	0
320	Evaluating Case Selection Algorithms for Analogical Reasoning Systems. Lecture Notes in Computer Science, 2011, , 344-353.	1.0	1
321	Application of Machine Learning Techniques for Railway Health Monitoring., 2012,, 2044-2067.		0
322	Experimental Demonstration of a Cognitive Quality of Transmission Estimator for Optical Communication Systems. , 2012, , .		2
323	iCaseViz: Learning Case Similarities through Interaction with a Case Base Visualizer. Lecture Notes in Computer Science, 2013, , 203-217.	1.0	0
324	Applying General-Purpose Data Reduction Techniques for Fast Time Series Classification. Lecture Notes in Computer Science, 2013, , 34-41.	1.0	0
326	Relevance Measures for Multivalued Attributes in Multiclass Datasets. Lecture Notes in Computer Science, 2014, , 344-355.	1.0	1
327	A Teaching Strategy for Memory-Based Control. , 1997, , 343-370.		9
328	Sequential instance-based learning. Lecture Notes in Computer Science, 1998, , 442-454.	1.0	3
329	Real-Time Scheduling of Flexible Manufacturing Systems Using Support Vector Machines and Case-Based Reasoning. Singaporean Journal of Business Economics and Management Studies, 2015, 3, 54-59.	0.1	2
330	Applying Prototype Selection and Abstraction Algorithms for Efficient Time-Series Classification. Springer Series in Bio-/neuroinformatics, 2015, , 333-348.	0.1	0
331	Efficient Support Vector Machine Classification Using Prototype Selection and Generation. IFIP Advances in Information and Communication Technology, 2016, , 328-340.	0.5	0
332	Attribute weighting with Scatter and instance-based learning methods evaluated with otoneurological data. International Journal of Data Science, 2017, 2, 173.	0.1	1
333	Predictive Analysis for Digital Marketing Using Big Data. , 2019, , 745-768.		1

#	Article	IF	CITATIONS
334	Marathi Spoken Word Recognition using Spectral Domain Features over Distributed Frequency Content. International Journal for Research in Applied Science and Engineering Technology, 2019, 7, 49-53.	0.1	0
335	Using the concept of instance typicality in instance-based learning environments involving nominal attributes. International Journal of Hybrid Intelligent Systems, 2020, 16, 67-79.	0.9	1
336	Instance-based defense against adversarial attacks in Deep Reinforcement Learning. Engineering Applications of Artificial Intelligence, 2022, 107, 104514.	4.3	2
337	Demand Forecasting of Short Life Cycle Products Using Data Mining Techniques. IFIP Advances in Information and Communication Technology, 2020, , 151-162.	0.5	2
338	Unifying Weighting and Case Reduction Methods Based on Rough Sets to Improve Retrieval. , 2003, , 494-508.		4
340	Analyzing Tuberculosis Reactivation in Patients with Rheumatoid Arthritis and Ankylosing Spondylitis Treated with Biological Therapy Using Machine Learning Methods. Applied Sciences (Switzerland), 2021, 11, 11400.	1.3	2
343	Extreme Learning With Metaheuristic Optimization for Exchange Rate Forecasting. International Journal of Swarm Intelligence Research, 2022, 13, 1-25.	0.5	1
345	Case-based prediction – A survey. International Journal of Approximate Reasoning, 2023, 158, 108920.	1.9	0
346	Very fast variations of training set size reduction algorithms for instance-based classification. , 2023, , .		0