

# Chengqi Zhang

## List of Publications by Year in descending order

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289  
papers

12,628  
citations

76326

40  
h-index

42399

92  
g-index

306  
all docs

306  
docs citations

306  
times ranked

7836  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Survey on Graph Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4-24.	11.3	3,922
2	Graph WaveNet for Deep Spatial-Temporal Graph Modeling. , 2019, , .		765
3	Connecting the Dots: Multivariate Time Series Forecasting with Graph Neural Networks. , 2020, , .		511
4	Adversarially Regularized Graph Autoencoder for Graph Embedding. , 2018, , .		407
5	Efficient mining of both positive and negative association rules. ACM Transactions on Information Systems, 2004, 22, 381-405.	4.9	386
6	Network Representation Learning: A Survey. IEEE Transactions on Big Data, 2020, 6, 3-28.	6.1	368
7	Data preparation for data mining. Applied Artificial Intelligence, 2003, 17, 375-381.	3.2	339
8	Attributed Graph Clustering: A Deep Attentional Embedding Approach. , 2019, , .		213
9	Compound Rank- $\gamma$ Projections for Bilinear Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1502-1513.	11.3	184
10	Genetic algorithm-based strategy for identifying association rules without specifying actual minimum support. Expert Systems With Applications, 2009, 36, 3066-3076.	7.6	177
11	Learning Graph Embedding With Adversarial Training Methods. IEEE Transactions on Cybernetics, 2020, 50, 2475-2487.	9.5	172
12	Bag Constrained Structure Pattern Mining for Multi-Graph Classification. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2382-2396.	5.7	151
13	Probabilistic Exposure Fusion. IEEE Transactions on Image Processing, 2012, 21, 341-357.	9.8	138
14	Database classification for multi-database mining. Information Systems, 2005, 30, 71-88.	3.6	110
15	Support vector machines based on K-means clustering for real-time business intelligence systems. International Journal of Business Intelligence and Data Mining, 2005, 1, 54.	0.2	105
16	Modeling Location-Based User Rating Profiles for Personalized Recommendation. ACM Transactions on Knowledge Discovery From Data, 2015, 9, 1-41.	3.5	96
17	Semi-parametric optimization for missing data imputation. Applied Intelligence, 2007, 27, 79-88.	5.3	91
18	Efficient approximate entity extraction with edit distance constraints. , 2009, , .		83

#	ARTICLE	IF	CITATIONS
19	Self-adaptive attribute weighting for Naive Bayes classification. Expert Systems With Applications, 2015, 42, 1487-1502.	7.6	77
20	MetaGraph2Vec: Complex Semantic Path Augmented Heterogeneous Network Embedding. Lecture Notes in Computer Science, 2018, , 196-208.	1.3	72
21	Federated Learning for Open Banking. Lecture Notes in Computer Science, 2020, , 240-254.	1.3	65
22	Convex Sparse PCA for Unsupervised Feature Learning. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-16.	3.5	63
23	Domain-Driven, Actionable Knowledge Discovery. IEEE Intelligent Systems, 2007, 22, 78-88, c3.	4.0	62
24	Homophily, Structure, and Content Augmented Network Representation Learning. , 2016, , .		62
25	Multi-Instance Learning with Discriminative Bag Mapping. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1065-1080.	5.7	62
26	Locally Densest Subgraph Discovery. , 2015, , .		62
27	Reinforced Self-Attention Network: a Hybrid of Hard and Soft Attention for Sequence Modeling. , 2018, , .		62
28	Binarized attributed network embedding. , 2018, , .		59
29	Missing Value Imputation Based on Data Clustering. , 2008, , 128-138.		58
30	Cortical Gyrfication and Sulcal Spans in Early Stage Alzheimer's Disease. PLoS ONE, 2012, 7, e31083.	2.5	58
31	User Profile Preserving Social Network Embedding. , 2017, , .		57
32	Task Sensitive Feature Exploration and Learning for Multitask Graph Classification. IEEE Transactions on Cybernetics, 2017, 47, 744-758.	9.5	55
33	Salient Subsequence Learning for Time Series Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2193-2207.	13.9	55
34	POP algorithm: Kernel-based imputation to treat missing values in knowledge discovery from databases. Expert Systems With Applications, 2009, 36, 2794-2804.	7.6	54
35	Deconstruction waste management through 3d reconstruction and bim: a case study. Visualization in Engineering, 2017, 5, .	8.8	54
36	Scalable big graph processing in MapReduce. , 2014, , .		53

#	ARTICLE	IF	CITATIONS
37	Flexible Frameworks for Actionable Knowledge Discovery. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 1299-1312.	5.7	51
38	TrGraph: Cross-Network Transfer Learning via Common Signature Subgraphs. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2536-2549.	5.7	50
39	Graph Ensemble Boosting for Imbalanced Noisy Graph Stream Classification. IEEE Transactions on Cybernetics, 2015, 45, 954-968.	9.5	50
40	THE EVOLUTION OF KDD: TOWARDS DOMAIN-DRIVEN DATA MINING. International Journal of Pattern Recognition and Artificial Intelligence, 2007, 21, 677-692.	1.2	49
41	SODE: Self-Adaptive One-Dependence Estimators for classification. Pattern Recognition, 2016, 51, 358-377.	8.1	49
42	Domain Driven Data Mining. , 2010, , .		48
43	A HYBRID MODEL FOR SHARING INFORMATION BETWEEN FUZZY, UNCERTAIN AND DEFAULT REASONING MODELS IN MULTI-AGENT SYSTEMS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2002, 10, 401-450.	1.9	47
44	Mining Impact-Targeted Activity Patterns in Imbalanced Data. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1053-1066.	5.7	47
45	Positive and Unlabeled Multi-Graph Learning. IEEE Transactions on Cybernetics, 2017, 47, 818-829.	9.5	47
46	Post-mining: maintenance of association rules by weighting. Information Systems, 2003, 28, 691-707.	3.6	46
47	Combined Mining: Discovering Informative Knowledge in Complex Data. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 699-712.	5.0	46
48	Time-Variant Graph Classification. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, , 1-14.	9.3	46
49	Knowledge Discovery in Multiple Databases. Advanced Information and Knowledge Processing, 2004, , .	0.3	45
50	Social Recommendation With Evolutionary Opinion Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, , 1-13.	9.3	44
51	Cooperation under uncertainty in distributed expert systems. Artificial Intelligence, 1992, 56, 21-69.	5.8	43
52	Clustering-based Missing Value Imputation for Data Preprocessing. , 2006, , .		42
53	Margin-based ensemble classifier for protein fold recognition. Expert Systems With Applications, 2011, 38, 12348-12355.	7.6	42
54	Joint Structure Feature Exploration and Regularization for Multi-Task Graph Classification. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 715-728.	5.7	42

#	ARTICLE	IF	CITATIONS
55	Incremental Subgraph Feature Selection for Graph Classification. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 128-142.	5.7	42
56	Knowledge actionability: satisfying technical and business interestingness. International Journal of Business Intelligence and Data Mining, 2007, 2, 496.	0.2	41
57	Towards Unsupervised Deep Graph Structure Learning. , 2022, , .		41
58	Noisy but non-malicious user detection in social recommender systems. World Wide Web, 2013, 16, 677-699.	4.0	38
59	Online Learning from Trapezoidal Data Streams. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2709-2723.	5.7	38
60	Computing the minimum-support for mining frequent patterns. Knowledge and Information Systems, 2008, 15, 233-257.	3.2	37
61	Cost-sensitive classification with inadequate labeled data. Information Systems, 2012, 37, 508-516.	3.6	37
62	Identifying Interesting Customers through Web Log Classification. IEEE Intelligent Systems, 2005, 20, 55-59.	4.0	36
63	ARMGA: IDENTIFYING INTERESTING ASSOCIATION RULES WITH GENETIC ALGORITHMS. Applied Artificial Intelligence, 2005, 19, 677-689.	3.2	35
64	Multiple Structure-View Learning for Graph Classification. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-16.	11.3	34
65	Attribute Propagation Network for Graph Zero-Shot Learning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 4868-4875.	4.9	34
66	Prototype Propagation Networks (PPN) for Weakly-supervised Few-shot Learning on Category Graph. , 2019, , .		34
67	Domain-Driven Data Mining. International Journal of Data Warehousing and Mining, 2006, 2, 49-65.	0.6	33
68	Rating Knowledge Sharing in Cross-Domain Collaborative Filtering. IEEE Transactions on Cybernetics, 2015, 45, 1068-1082.	9.5	33
69	Finding the best not the most: regularized loss minimization subgraph selection for graph classification. Pattern Recognition, 2015, 48, 3783-3796.	8.1	32
70	Information sharing between heterogeneous uncertain reasoning models in a multi-agent environment: a case study. International Journal of Approximate Reasoning, 2001, 27, 27-59.	3.3	31
71	Deep neighbor-aware embedding for node clustering in attributed graphs. Pattern Recognition, 2022, 122, 108230.	8.1	30
72	Domain-Driven Actionable Knowledge Discovery in the Real World. Lecture Notes in Computer Science, 2006, , 821-830.	1.3	30

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73	Propagating temporal relations of intervals by matrix. <i>Applied Artificial Intelligence</i> , 2002, 16, 1-27.	3.2	29
74	One-class learning and concept summarization for data streams. <i>Knowledge and Information Systems</i> , 2011, 28, 523-553.	3.2	29
75	Multi-instance Multi-graph Dual Embedding Learning. , 2013, , .		29
76	Multi-graph-view Learning for Graph Classification. , 2014, , .		29
77	CFOND: Consensus Factorization for Co-Clustering Networked Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019, 31, 706-719.	5.7	29
78	Attributed network embedding via subspace discovery. <i>Data Mining and Knowledge Discovery</i> , 2019, 33, 1953-1980.	3.7	29
79	Engineering Open Complex Agent Systems: A Case Study. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2008, 38, 483-496.	2.9	28
80	Nested Subtree Hash Kernels for Large-Scale Graph Classification over Streams. , 2012, , .		28
81	Collective Classification via Discriminative Matrix Factorization on Sparsely Labeled Networks. , 2016, , .		28
82	GBKII: An Imputation Method for Missing Values. , 2007, , 1080-1087.		28
83	Agent-Mining Interaction: An Emerging Area. , 2007, , 60-73.		28
84	Cost-Sensitive Classification with k-Nearest Neighbors. <i>Lecture Notes in Computer Science</i> , 2013, , 112-131.	1.3	26
85	Consistent Weighted Sampling Made More Practical. , 2017, , .		26
86	EDUA: An efficient algorithm for dynamic database mining. <i>Information Sciences</i> , 2007, 177, 2756-2767.	6.9	25
87	Multi-sphere Support Vector Data Description for Outliers Detection on Multi-distribution Data. , 2009, , .		25
88	Multi-Graph Learning with Positive and Unlabeled Bags. , 2014, , .		24
89	Efficient Attributed Network Embedding via Recursive Randomized Hashing. , 2018, , .		22
90	Estimating urban functional distributions with semantics preserved POI embedding. <i>International Journal of Geographical Information Science</i> , 2022, 36, 1905-1930.	4.8	22

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91	Identifying Approximate Itemsets of Interest in Large Databases. Applied Intelligence, 2003, 18, 91-104.	5.3	21
92	Cooperative strategy for web data mining and cleaning. Applied Artificial Intelligence, 2003, 17, 443-460.	3.2	21
93	Active Learning without Knowing Individual Instance Labels: A Pairwise Label Homogeneity Query Approach. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 808-822.	5.7	21
94	Agents and Data Mining: Mutual Enhancement by Integration. Lecture Notes in Computer Science, 2005, 50-61.	1.3	20
95	Mining for combined association rules on multiple datasets. , 2007, , .		20
96	Combined Association Rule Mining. , 2008, , 1069-1074.		20
97	Efficient Attribute Reduction Based on Discernibility Matrix. Lecture Notes in Computer Science, 2007, 13-21.	1.3	20
98	Enhancing grid-density based clustering for high dimensional data. Journal of Systems and Software, 2011, 84, 1524-1539.	4.5	19
99	e-NSP. , 2011, , .		19
100	Mining Both Positive and Negative Impact-Oriented Sequential Rules from Transactional Data. Lecture Notes in Computer Science, 2009, , 656-663.	1.3	19
101	An agent-based hybrid framework for database mining. Applied Artificial Intelligence, 2003, 17, 383-398.	3.2	18
102	Guest editors' introduction - Information enhancement for data mining. IEEE Intelligent Systems, 2004, 19, 12-13.	4.0	18
103	ACTIVITY MINING: FROM ACTIVITIES TO ACTIONS. International Journal of Information Technology and Decision Making, 2008, 07, 259-273.	3.9	18
104	Multi-graph-view subgraph mining for graph classification. Knowledge and Information Systems, 2016, 48, 29-54.	3.2	18
105	A Novel Prototype Reduction Method for the K-Nearest Neighbor Algorithm with $K \geq 1$ . Lecture Notes in Computer Science, 2010, , 89-100.	1.3	18
106	Recommendation vs Sentiment Analysis: A Text-Driven Latent Factor Model for Rating Prediction with Cold-Start Awareness. , 2017, , .		18
107	Cleansing Noisy Data Streams. , 2008, , .		17
108	Bioinformatics in protein kinases regulatory network and drug discovery. Mathematical Biosciences, 2015, 262, 147-156.	1.9	17

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109	Build Emotion Lexicon from Microblogs by Combining Effects of Seed Words and Emoticons in a Heterogeneous Graph. , 2015, , .		17
110	A fuzzy logic based method to acquire user threshold of minimum-support for mining association rules. Information Sciences, 2004, 164, 1-16.	6.9	15
111	Detecting inconsistency in biological molecular databases using ontologies. Data Mining and Knowledge Discovery, 2007, 15, 275-296.	3.7	15
112	Efficient Mining of Event-Oriented Negative Sequential Rules. , 2008, , .		15
113	Debt Detection in Social Security by Sequence Classification Using Both Positive and Negative Patterns. Lecture Notes in Computer Science, 2009, , 648-663.	1.3	15
114	CLAP: Collaborative pattern mining for distributed information systems. Decision Support Systems, 2011, 52, 40-51.	5.9	15
115	\$K\$ -Ary Tree Hashing for Fast Graph Classification. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 936-949.	5.7	15
116	Measuring Time-Sensitive and Topic-Specific Influence in Social Networks With LSTM and Self-Attention. IEEE Access, 2020, 8, 82481-82492.	4.2	15
117	Potential cases, methodologies, and strategies of synthesis of solutions in distributed expert systems. IEEE Transactions on Knowledge and Data Engineering, 1999, 11, 498-503.	5.7	14
118	Agent-Based Distributed Data Mining: A Survey. , 2009, , 47-58.		14
119	Summarizing probabilistic frequent patterns. , 2013, , .		14
120	Mining frequent serial episodes over uncertain sequence data. , 2013, , .		14
121	Global and Local Influence-based Social Recommendation. , 2016, , .		14
122	Cost-Sensitive Parallel Learning Framework for Insurance Intelligence Operation. IEEE Transactions on Industrial Electronics, 2019, 66, 9713-9723.	7.9	14
123	An Agent-Based Hybrid Intelligent System for Financial Investment Planning. Lecture Notes in Computer Science, 2002, , 355-364.	1.3	13
124	Toward databases mining: Pre-processing collected data. Applied Artificial Intelligence, 2003, 17, 545-561.	3.2	13
125	Canonical Consistent Weighted Sampling for Real-Value Weighted Min-Hash. , 2016, , .		13
126	Build Emotion Lexicon from the Mood of Crowd via Topic-Assisted Joint Non-negative Matrix Factorization. , 2016, , .		13



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127	BiteNet: Bidirectional Temporal Encoder Network to Predict Medical Outcomes. , 2020, , .		13
128	Vague One-Class Learning for Data Streams. , 2009, , .		12
129	Towards Mining Trapezoidal Data Streams. , 2015, , .		12
130	SINE: Scalable Incomplete Network Embedding. , 2018, , .		12
131	Dual influence embedded social recommendation. World Wide Web, 2018, 21, 849-874.	4.0	12
132	Cost-Sensitive Decision Trees with Multiple Cost Scales. Lecture Notes in Computer Science, 2004, , 380-390.	1.3	12
133	An Axiom Foundation for Uncertain Reasonings in Rule-Based Expert Systems: NT-Algebra. Knowledge and Information Systems, 1999, 1, 415-433.	3.2	11
134	Optimized Parameters for Missing Data Imputation. Lecture Notes in Computer Science, 2006, , 1010-1016.	1.3	11
135	An Agent-Based Hybrid System for Microarray Data Analysis. IEEE Intelligent Systems, 2009, 24, 53-63.	4.0	11
136	TCSST. , 2012, , .		11
137	Mining Probabilistic Representative Frequent Patterns From Uncertain Data. , 2013, , .		11
138	Improved Consistent Weighted Sampling Revisited. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 2332-2345.	5.7	11
139	Bidirectional Spatial-Temporal Adaptive Transformer for Urban Traffic Flow Forecasting. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6913-6925.	11.3	11
140	Anytime mining for multiuser applications. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2002, 32, 515-521.	2.9	10
141	An efficient strategy for mining exceptions in multi-databases. Information Sciences, 2004, 165, 1-20.	6.9	10
142	Cost Sensitive Classification in Data Mining. Lecture Notes in Computer Science, 2010, , 1-11.	1.3	10
143	An efficient and simple under-sampling technique for imbalanced time series classification. , 2012, , .		10
144	A Review for Weighted MinHash Algorithms. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	5.7	10

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145	Agent Services-Driven Plug-and-Play in F-TRADE. Lecture Notes in Computer Science, 2004, , 917-922.	1.3	9
146	A Recent-Biased Dimension Reduction Technique for Time Series Data. Lecture Notes in Computer Science, 2005, , 751-757.	1.3	9
147	Identifying bridging rules between conceptual clusters. , 2006, , .		9
148	Graph stream classification using labeled and unlabeled graphs. , 2013, , .		9
149	Dual instance and attribute weighting for Naive Bayes classification. , 2014, , .		9
150	Combining Structured Node Content and Topology Information for Networked Graph Clustering. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-29.	3.5	9
151	Community detection in complex network based on APT method. Pattern Recognition Letters, 2020, 138, 193-200.	4.2	9
152	Many-Class Few-Shot Learning on Multi-Granularity Class Hierarchy. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 2293-2305.	5.7	9
153	Deep Reinforcement Learning with Transformers for Text Adventure Games. , 2020, , .		9
154	Multi-Instance Learning from Positive and Unlabeled Bags. Lecture Notes in Computer Science, 2014, , 237-248.	1.3	9
155	Ubiquitous Intelligence in Agent Mining. Lecture Notes in Computer Science, 2009, , 23-35.	1.3	9
156	Defragging Subgraph Features for Graph Classification. , 2015, , .		9
157	ENDL: A Logical Framework for Verifying Secure Transaction Protocols. Knowledge and Information Systems, 2005, 7, 84-109.	3.2	8
158	DDDM2007. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2007, 9, 84-86.	4.0	8
159	F-trade. , 2007, , .		8
160	Developing Actionable Trading Strategies for Trading Agents. , 2007, , .		8
161	Customer Activity Sequence Classification for Debt Prevention in Social Security. Journal of Computer Science and Technology, 2009, 24, 1000-1009.	1.5	8
162	Fuzzy Genetic Algorithms for Pairs Mining. Lecture Notes in Computer Science, 2006, , 711-720.	1.3	8

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163	Heterogeneous transformation of uncertainties of propositions among inexact reasoning models. IEEE Transactions on Knowledge and Data Engineering, 1994, 6, 353-360.	5.7	7
164	Proof of the correctness of EMYCIN sequential propagation under conditional independence assumptions. IEEE Transactions on Knowledge and Data Engineering, 1999, 11, 355-359.	5.7	7
165	Discovering causality in large databases. Applied Artificial Intelligence, 2002, 16, 333-358.	3.2	7
166	Multi-Space-Mapped SVMs for Multi-class Classification. , 2008, , .		7
167	SNOC: Streaming Network Node Classification. , 2014, , .		7
168	Towards Anomalous Diffusion Sources Detection in a Large Network. ACM Transactions on Internet Technology, 2016, 16, 1-24.	4.4	7
169	Boosting for graph classification with universum. Knowledge and Information Systems, 2017, 50, 53-77.	3.2	7
170	Using propensity scores to predict the kinases of unannotated phosphopeptides. Knowledge-Based Systems, 2017, 135, 60-76.	7.1	7
171	Class Association Rule Mining with Multiple Imbalanced Attributes. Lecture Notes in Computer Science, 2007, , 827-831.	1.3	7
172	An Empirical Study of Bagging Predictors for Imbalanced Data with Different Levels of Class Distribution. Lecture Notes in Computer Science, 2011, , 213-222.	1.3	6
173	A Comparative Study of Sampling Methods and Algorithms for Imbalanced Time Series Classification. Lecture Notes in Computer Science, 2012, , 637-648.	1.3	6
174	Mining Dependent Frequent Serial Episodes from Uncertain Sequence Data. , 2013, , .		6
175	Attribute weighting: How and when does it work for Bayesian Network Classification. , 2014, , .		6
176	Interval-Based Similarity for Classifying Conserved RNA Secondary Structures. IEEE Intelligent Systems, 2016, 31, 78-85.	4.0	6
177	Collective Hying Detection System for Identifying Online Spam Activities. IEEE Intelligent Systems, 2017, 32, 53-63.	4.0	6
178	High quality 3D reconstruction of indoor environments using RGB-D sensors. , 2017, , .		6
179	An Efficient Method for Modeling Nonoccurring Behaviors by Negative Sequential Patterns With Loose Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1864-1878.	11.3	6
180	Isomorphic transformations of uncertainties for incorporating EMYCIN-style and PROSPECTOR-style systems into a distributed expert system. Journal of Computer Science and Technology, 1999, 14, 386-392.	1.5	5

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181	Discovering Interesting Association Rules by Clustering. Lecture Notes in Computer Science, 2004, , 1055-1061.	1.3	5
182	Guest Editors' Introduction: Special Section on Intelligent Data Preparation. IEEE Transactions on Knowledge and Data Engineering, 2005, 17, 1163-1165.	5.7	5
183	Debt Detection in Social Security by Adaptive Sequence Classification. Lecture Notes in Computer Science, 2009, , 192-203.	1.3	5
184	Do they belong to the same class. , 2011, , .		5
185	Mining bridging rules between conceptual clusters. Applied Intelligence, 2012, 36, 108-118.	5.3	5
186	The effect of varying levels of class distribution on bagging for different algorithms: An empirical study. International Journal of Machine Learning and Cybernetics, 2014, 5, 63-71.	3.6	5
187	Inferring Latent Network from Cascade Data for Dynamic Social Recommendation. , 2016, , .		5
188	PerSentiment. , 2016, , .		5
189	Any-Cost Discovery: Learning Optimal Classification Rules. Lecture Notes in Computer Science, 2005, , 123-132.	1.3	5
190	Cost-Time Sensitive Decision Tree with Missing Values. , 2007, , 447-459.		5
191	A Verification Model for Electronic Transaction Protocols. Lecture Notes in Computer Science, 2004, , 824-833.	1.3	5
192	LSLNCf: A Hybrid Uncertain Reasoning Model Based on Probability. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 1998, 06, 401-422.	1.9	4
193	Building an Ontology for Financial Investment. Lecture Notes in Computer Science, 2000, , 308-313.	1.3	4
194	An agent-based framework for petroleum information services from distributed heterogeneous data resources. , 0, , .		4
195	F-TRADE 3.0: An Agent-Based Integrated Framework for Data Mining Experiments. , 2008, , .		4
196	CONFIDENCE METRICS FOR ASSOCIATION RULE MINING. Applied Artificial Intelligence, 2009, 23, 713-737.	3.2	4
197	Combining kNN Imputation and Bootstrap Calibrated. International Journal of Data Warehousing and Mining, 2010, 6, 61-73.	0.6	4
198	Testing Adaptive Local Hyperplane for multi-class classification by double cross-validation. , 2010, , .		4

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199	Active Class Discovery and Learning for Networked Data. , 2013, , .		4
200	Exploring Features for Complicated Objects. , 2014, , .		4
201	Joint structure feature exploration and regularization for multi-task graph classification. , 2016, , .		4
202	Data Mining Applications in Social Security. , 2009, , 81-96.		4
203	A Database-Independent Approach of Mining Association Rules with Genetic Algorithm. Lecture Notes in Computer Science, 2003, , 882-886.	1.3	4
204	Stock Data Mining through Fuzzy Genetic Algorithms. , 0, , .		4
205	Perceiving Environments for Intelligent Agents. Lecture Notes in Computer Science, 2000, , 297-307.	1.3	4
206	Tensorized Self-Attention: Efficiently Modeling Pairwise and Global Dependencies Together. , 2019, , .		4
207	Effective Search of Logical Forms for Weakly Supervised Knowledge-Based Question Answering. , 2020, , .		4
208	The design and implementation of a knowledge-based communication system in a framework for distributed expert systems. IEEE Transactions on Communications, 1995, 43, 1926-1936.	7.8	3
209	IMC: A Method for Interval Calculus in Matrix. Knowledge and Information Systems, 1999, 1, 257-268.	3.2	3
210	IDENTIFYING SOFTWARE COMPONENT ASSOCIATION WITH GENETIC ALGORITHM. International Journal of Software Engineering and Knowledge Engineering, 2004, 14, 441-447.	0.8	3
211	A Human-Friendly MAS for Mining Stock Data. , 2006, , .		3
212	ON DATA STRUCTURES FOR ASSOCIATION RULE DISCOVERY. Applied Artificial Intelligence, 2007, 21, 57-79.	3.2	3
213	Estimating confidence intervals for structural differences between contrast groups with missing data. Expert Systems With Applications, 2009, 36, 6431-6438.	7.6	3
214	Learning colours from textures by sparse manifold embedding. Signal Processing, 2013, 93, 1485-1495.	3.7	3
215	Cost-sensitive Hybrid Neural Networks for Heterogeneous and Imbalanced Data. , 2018, , .		3
216	Fast and Low Memory Cost Matrix Factorization: Algorithm, Analysis, and Case Study. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 288-301.	5.7	3

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217	Adapting K-Means Algorithm for Discovering Clusters in Subspaces. Lecture Notes in Computer Science, 2006, , 53-62.	1.3	3
218	Enhancing DWT for Recent-Biased Dimension Reduction of Time Series Data. Lecture Notes in Computer Science, 2006, , 1048-1053.	1.3	3
219	8 Agent-Based Hybrid Intelligent System for Data Mining. Lecture Notes in Computer Science, 2004, , 127-142.	1.3	3
220	A Ring-Based Architectural Model for Middle Agents in Agent-Based System. Lecture Notes in Computer Science, 2003, , 94-98.	1.3	3
221	Intelligence Metasynthesis in Building Business Intelligence Systems. , 2006, , 454-470.		3
222	Domain-Driven Local Exceptional Pattern Mining for Detecting Stock Price Manipulation. Lecture Notes in Computer Science, 2008, , 849-858.	1.3	3
223	Combining Support Vector Machines and the t-statistic for Gene Selection in DNA Microarray Data Analysis. Lecture Notes in Computer Science, 2010, , 55-62.	1.3	3
224	System Modeling of a Smart-Home Healthy Lifestyle Assistant. Lecture Notes in Computer Science, 2013, , 65-78.	1.3	3
225	Result fusion in multi-agent systems based on OWA operator. , 0, , .		2
226	Estimating itemsets of interest by sampling. , 0, , .		2
227	A Logical Framework for Knowledge Sharing in Multi-agent Systems. Lecture Notes in Computer Science, 2001, , 561-570.	1.3	2
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