

Longbing Cao

List of Publications by Year in descending order

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326
papers

7,800
citations

101543

36
h-index

102487

66
g-index

338
all docs

338
docs citations

338
times ranked

4648
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Unsupervised Heterogeneous Coupling Learning for Categorical Representation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 533-549.	13.9	19
3	Deep Learning for Anomaly Detection. ACM Computing Surveys, 2022, 54, 1-38.	23.0	880
4	A Survey on Session-based Recommender Systems. ACM Computing Surveys, 2022, 54, 1-38.	23.0	199
5	Neural Time-Aware Sequential Recommendation by Jointly Modeling Preference Dynamics and Explicit Feature Couplings. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5125-5137.	11.3	19
6	Personalized next-best action recommendation with multi-party interaction learning for automated decision-making. PLoS ONE, 2022, 17, e0263010.	2.5	6
7	Mining Contextual Item Similarity without Concept Hierarchy. , 2022, , .		5
8	DeepExpress: Heterogeneous and Coupled Sequence Modeling for Express Delivery Prediction. ACM Transactions on Intelligent Systems and Technology, 2022, 13, 1-22.	4.5	1
9	Modeling time evolving COVID-19 uncertainties with density dependent asymptomatic infections and social reinforcement. Scientific Reports, 2022, 12, 5891.	3.3	2
10	AI Science and Engineering: A New Field. IEEE Intelligent Systems, 2022, 37, 3-13.	4.0	4
11	A New Age of AI: Features and Futures. IEEE Intelligent Systems, 2022, 37, 25-37.	4.0	20
12	AI Science and Engineering. IEEE Intelligent Systems, 2022, 37, 14-15.	4.0	0
13	Learning Multiaspect Traffic Couplings by Multirelational Graph Attention Networks for Traffic Prediction. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 20681-20695.	8.0	16
14	Non-IID Federated Learning. IEEE Intelligent Systems, 2022, 37, 14-15.	4.0	1
15	AI in Combating the COVID-19 Pandemic. IEEE Intelligent Systems, 2022, 37, 3-13.	4.0	12
16	CoupledMUTS: Coupled Multivariate Utility Time-Series Representation and Prediction. IEEE Internet of Things Journal, 2022, 9, 22972-22982.	8.7	7
17	Answer Keyword Generation for Community Question Answering by Multiaspect Gamma-Poisson Matrix Completion. IEEE Intelligent Systems, 2021, 36, 35-47.	4.0	3
18	Learning Complex Couplings and Interactions. IEEE Intelligent Systems, 2021, 36, 3-5.	4.0	4

#	ARTICLE	IF	CITATIONS
19	Interactive Sequential Basket Recommendation by Learning Basket Couplings and Positive/Negative Feedback. ACM Transactions on Information Systems, 2021, 39, 1-26.	4.9	11
20	VM-NSP. ACM Transactions on Information Systems, 2021, 39, 1-27.	4.9	4
21	Deep Learning for Anomaly Detection: Challenges, Methods, and Opportunities. , 2021, , .		15
22	Homophily outlier detection in non-IID categorical data. Data Mining and Knowledge Discovery, 2021, 35, 1163-1224.	3.7	4
23	Recurrent Coupled Topic Modeling over Sequential Documents. ACM Transactions on Knowledge Discovery From Data, 2021, 16, 1-32.	3.5	0
24	Hierarchical Attentive Transaction Embedding With Intra- and Inter-Transaction Dependencies for Next-Item Recommendation. IEEE Intelligent Systems, 2021, 36, 56-64.	4.0	25
25	Anomaly and Novelty Detection, Explanation, and Accommodation (ANDEA). , 2021, , .		2
26	Data science and AI in FinTech: an overview. International Journal of Data Science and Analytics, 2021, 12, 81-99.	4.1	37
27	Graph Learning based Recommender Systems: A Review. , 2021, , .		82
28	Toward Deep Supervised Anomaly Detection. , 2021, , .		35
29	dhCM: Dynamic and Hierarchical Event Categorization and Discovery for Social Media Stream. ACM Transactions on Intelligent Systems and Technology, 2021, 12, 1-25.	4.5	6
30	Learning deep relevance couplings for ad-hoc document retrieval. Expert Systems With Applications, 2021, 183, 115335.	7.6	3
31	BiCMTS: Bidirectional Coupled Multivariate Learning of Irregular Time Series with Missing Values. , 2021, , .		3
32	Table2Vec-automated universal representation learning of enterprise data DNA for benchmarkable and explainable enterprise data science. Scientific Reports, 2021, 11, 23957.	3.3	0
33	Negative Sequence Analysis. ACM Computing Surveys, 2020, 52, 1-39.	23.0	5
34	e-RNSP: An Efficient Method for Mining Repetition Negative Sequential Patterns. IEEE Transactions on Cybernetics, 2020, 50, 2084-2096.	9.5	41
35	Inferring Implicit Rules by Learning Explicit and Hidden Item Dependency. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 935-946.	9.3	34
36	Health and medical behavior informatics. , 2020, , 735-761.		2

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37	Intention Nets: Psychology-Inspired User Choice Behavior Modeling for Next-Basket Prediction. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 6259-6266.	4.9	35
38	Cognitive Aspects-Based Short Text Representation with Named Entity, Concept and Knowledge. Applied Sciences (Switzerland), 2020, 10, 4893.	2.5	3
39	Maximum Entropy Reinforcement Learning with Evolution Strategies. , 2020, , .		2
40	The Era of Intelligent Recommendation: Editorial on Intelligent Recommendation with Advanced AI and Learning. IEEE Intelligent Systems, 2020, 35, 3-6.	4.0	20
41	Special Issue on AI and FinTech: The Challenge Ahead. IEEE Intelligent Systems, 2020, 35, 3-6.	4.0	9
42	Heterogeneous Univariate Outlier Ensembles in Multidimensional Data. ACM Transactions on Knowledge Discovery From Data, 2020, 14, 1-27.	3.5	7
43	Intention2Basket: A Neural Intention-driven Approach for Dynamic Next-basket Planning. , 2020, , .		36
44	Mix2Vec: Unsupervised Mixed Data Representation. , 2020, , .		4
45	CURE: Flexible Categorical Data Representation by Hierarchical Coupling Learning. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 853-866.	5.7	32
46	Enhancing Mobile App User Understanding and Marketing With Heterogeneous Crowdsourced Data: A Review. IEEE Access, 2019, 7, 68557-68571.	4.2	11
47	Evolving Coauthorship Modeling and Prediction via Time-Aware Paired Choice Analysis. IEEE Access, 2019, 7, 98639-98651.	4.2	1
48	Multi-View Information-Theoretic Co-Clustering for Co-Occurrence Data. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 379-386.	4.9	13
49	Data Science: Profession and Education. IEEE Intelligent Systems, 2019, 34, 35-44.	4.0	12
50	Evolutionarily Learning Multi-Aspect Interactions and Influences from Network Structure and Node Content. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 598-605.	4.9	2
51	HERS: Modeling Influential Contexts with Heterogeneous Relations for Sparse and Cold-Start Recommendation. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 3830-3837.	4.9	30
52	Mining Top- k Useful Negative Sequential Patterns via Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2764-2778.	11.3	34
53	Modeling positive and negative feedback for improving document retrieval. Expert Systems With Applications, 2019, 120, 253-261.	7.6	5
54	HCBC: A Hierarchical Case-Based Classifier Integrated with Conceptual Clustering. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 152-165.	5.7	18

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55	Modeling Multi-Purpose Sessions for Next-Item Recommendations via Mixture-Channel Purpose Routing Networks. , 2019, , .		80
56	Sequential Recommender Systems: Challenges, Progress and Prospects. , 2019, , .		203
57	Data Science. ACM Computing Surveys, 2018, 50, 1-42.	23.0	232
58	Unsupervised Coupled Metric Similarity for Non-IID Categorical Data. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1810-1823.	5.7	23
59	Effective lossless condensed representation and discovery of spatial co-location patterns. Information Sciences, 2018, 436-437, 197-213.	6.9	43
60	Heterogeneous Metric Learning of Categorical Data with Hierarchical Couplings. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1254-1267.	5.7	34
61	Concept coupling learning for improving concept lattice-based document retrieval. Engineering Applications of Artificial Intelligence, 2018, 69, 65-75.	8.1	16
62	Generalized Hidden-Mapping Minimax Probability Machine for the training and reliability learning of several classical intelligent models. Information Sciences, 2018, 436-437, 302-319.	6.9	3
63	GeoMF++. ACM Transactions on Information Systems, 2018, 36, 1-29.	4.9	90
64	Neural Cross-Session Filtering: Next-Item Prediction Under Intra- and Inter-Session Context. IEEE Intelligent Systems, 2018, 33, 57-67.	4.0	9
65	Modeling and Forecasting the Popularity Evolution of Mobile Apps. , 2018, 2, 1-23.		9
66	Interactive Probabilistic Post-Mining of User-Preferred Spatial Co-Location Patterns. , 2018, , .		16
67	Introduction to the special issue on Data Science in Asia (with PAKDDâ€™2017). International Journal of Data Science and Analytics, 2018, 6, 271-272.	4.1	0
68	Coupled Collective Matrix Factorization. , 2018, , .		0
69	Learning Representations of Ultrahigh-dimensional Data for Random Distance-based Outlier Detection. , 2018, , .		117
70	Deep-PUMR: Deep Positive and Unlabeled Learning with Manifold Regularization. Lecture Notes in Computer Science, 2018, , 12-20.	1.3	0
71	What Is Data Science. Data Analytics, 2018, , 29-58.	0.8	1
72	Exploring Feature Coupling and Model Coupling for Image Source Identification. IEEE Transactions on Information Forensics and Security, 2018, 13, 3108-3121.	6.9	17

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73	F-NSP $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si19.gif" overflow="scroll" \rangle \langle \text{mml:msup} \langle \text{mml:mrow} / \rangle \langle \text{mml:mo} \rangle + \langle / \text{mml:mo} \rangle \langle / \text{mml:msup} \rangle \langle / \text{mml:math} \rangle$: A fast negative sequential patterns mining method with self-adaptive data storage. Pattern Recognition, 2018, 84, 13-27.	8.1	23
74	High-order Proximity Preserving Information Network Hashing. , 2018, , .		28
75	Coupled Node Similarity Learning for Community Detection in Attributed Networks. Entropy, 2018, 20, 471.	2.2	16
76	Data Science Thinking. Data Analytics, 2018, , .	0.8	31
77	The Data Science Era. Data Analytics, 2018, , 3-28.	0.8	2
78	Data Profession. Data Analytics, 2018, , 293-327.	0.8	0
79	Data Science Challenges. Data Analytics, 2018, , 93-128.	0.8	1
80	Data Science Education. Data Analytics, 2018, , 329-348.	0.8	6
81	Coupled Clustering Ensemble by Exploring Data Interdependence. ACM Transactions on Knowledge Discovery From Data, 2018, 12, 1-38.	3.5	11
82	Data Science Discipline. Data Analytics, 2018, , 129-160.	0.8	0
83	Data Science Techniques. Data Analytics, 2018, , 203-234.	0.8	0
84	Data Science Applications. Data Analytics, 2018, , 263-292.	0.8	0
85	Vine Copula-Based Asymmetry and Tail Dependence Modeling. Lecture Notes in Computer Science, 2018, , 285-297.	1.3	2
86	Interpretable Recommendation via Attraction Modeling: Learning Multilevel Attractiveness over Multimodal Movie Contents. , 2018, , .		15
87	CoupledCF: Learning Explicit and Implicit User-item Couplings in Recommendation for Deep Collaborative Filtering. , 2018, , .		37
88	Metadata-dependent Infinite Poisson Factorization for Efficiently Modelling Sparse and Large Matrices in Recommendation. , 2018, , .		5
89	Learning Informative Priors from Heterogeneous Domains to Improve Recommendation in Cold-Start User Domains. ACM Transactions on Information Systems, 2017, 35, 1-37.	4.9	19
90	Learning Nonparametric Relational Models by Conjugately Incorporating Node Information in a Network. IEEE Transactions on Cybernetics, 2017, 47, 589-599.	9.5	25

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91	SVM-based multi-state-mapping approach for multi-class classification. Knowledge-Based Systems, 2017, 129, 79-96.	7.1	26
92	Improving the Quality of Recommendations for Users and Items in the Tail of Distribution. ACM Transactions on Information Systems, 2017, 35, 1-37.	4.9	17
93	Classification of high-dimensional evolving data streams via a resource-efficient online ensemble. Data Mining and Knowledge Discovery, 2017, 31, 1242-1265.	3.7	14
94	Septic shock prediction for ICU patients via coupled HMM walking on sequential contrast patterns. Journal of Biomedical Informatics, 2017, 66, 19-31.	4.3	76
95	Top-k coupled keyword recommendation for relational keyword queries. Knowledge and Information Systems, 2017, 50, 883-916.	3.2	4
96	Behavior Informatics to Discover Behavior Insight for Active and Tailored Client Management. , 2017, , .		3
97	Data science. Communications of the ACM, 2017, 60, 59-68.	4.5	80
98	Discrete Content-aware Matrix Factorization. , 2017, , .		49
99	Enhancing online video recommendation using social user interactions. VLDB Journal, 2017, 26, 637-656.	4.1	30
100	A honey-bee-mating based algorithm for multilevel image segmentation using Bayesian theorem. Applied Soft Computing Journal, 2017, 52, 1181-1190.	7.2	31
101	Perceiving the Next Choice with Comprehensive Transaction Embeddings for Online Recommendation. Lecture Notes in Computer Science, 2017, , 285-302.	1.3	26
102	Selective Value Coupling Learning for Detecting Outliers in High-Dimensional Categorical Data. , 2017, , .		19
103	Copula-Based High Dimensional Cross-Market Dependence Modeling. , 2017, , .		6
104	Diversifying Personalized Recommendation with User-session Context. , 2017, , .		62
105	Embedding-based Representation of Categorical Data by Hierarchical Value Coupling Learning. , 2017, , .		16
106	Learning Homophily Couplings from Non-IID Data for Joint Feature Selection and Noise-Resilient Outlier Detection. , 2017, , .		27
107	Unsupervised Feature Selection for Outlier Detection by Modelling Hierarchical Value-Feature Couplings. , 2016, , .		30
108	Data Science: Nature and Pitfalls. IEEE Intelligent Systems, 2016, 31, 66-75.	4.0	16

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109	Data science and analytics: a new era. International Journal of Data Science and Analytics, 2016, 1, 1-2.	4.1	19
110	Scientific Article Recommendation: Exploiting Common Author Relations and Historical Preferences. IEEE Transactions on Big Data, 2016, 2, 101-112.	6.1	89
111	An effective contrast sequential pattern mining approach to taxpayer behavior analysis. World Wide Web, 2016, 19, 633-651.	4.0	42
112	Non-IID Recommender Systems: A Review and Framework of Recommendation Paradigm Shifting. Engineering, 2016, 2, 212-224.	6.7	37
113	Mining actionable combined high utility incremental and associated patterns. , 2016, , .		4
114	Training deep neural networks on imbalanced data sets. , 2016, , .		240
115	e-NSP: Efficient negative sequential pattern mining. Artificial Intelligence, 2016, 235, 156-182.	5.8	44
116	Conference Report on 2015 IEEE International Conference on Data Science and Advanced Analytics (DSAA'2015) [Conference Reports]. IEEE Computational Intelligence Magazine, 2016, 11, 13-14.	3.2	1
117	Improving the Performance of Collaborative Filtering with Category-Specific Neighborhood. Lecture Notes in Computer Science, 2016, , 201-210.	1.3	1
118	Mining preferred navigation patterns by consolidating both selection and time preferences. World Wide Web, 2016, 19, 979-1007.	4.0	2
119	Permutation anonymization. Journal of Intelligent Information Systems, 2016, 47, 427-445.	3.9	15
120	Two-level matrix factorization for recommender systems. Neural Computing and Applications, 2016, 27, 2267-2278.	5.6	19
121	Computing Paradigms. Advanced Information and Knowledge Processing, 2015, , 57-80.	0.3	0
122	OSOAD Methodology. Advanced Information and Knowledge Processing, 2015, , 111-129.	0.3	2
123	Dynamic Infinite Mixed-Membership Stochastic Blockmodel. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2072-2085.	11.3	14
124	Financial crisis and global market couplings. , 2015, , .		2
125	Document similarity analysis via involving both explicit and implicit semantic couplings. , 2015, , .		4
126	Nonoccurring Behavior Analytics: A New Area. IEEE Intelligent Systems, 2015, 30, 4-11.	4.0	28

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127	Mining actionable combined patterns of high utility and frequency. , 2015, , .		6
128	Coupled Attribute Similarity Learning on Categorical Data. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 781-797.	11.3	59
129	Coupling learning of complex interactions. Information Processing and Management, 2015, 51, 167-186.	8.6	112
130	Analysing User Reviews in Tourism with Topic Models. , 2015, , 47-58.		6
131	Financial Crisis Forecasting via Coupled Market State Analysis. IEEE Intelligent Systems, 2015, 30, 18-25.	4.0	11
132	Mining Partially-Ordered Sequential Rules Common to Multiple Sequences. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2203-2216.	5.7	60
133	Online Video Recommendation in Sharing Community. , 2015, , .		32
134	Agent Service-Oriented Architectural Design. Advanced Information and Knowledge Processing, 2015, , 195-219.	0.3	0
135	Formalization and Verification of Group Behavior Interactions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 1109-1124.	9.3	21
136	Ontological Engineering. Advanced Information and Knowledge Processing, 2015, , 243-266.	0.3	0
137	A new framework for mining frequent interaction patterns from meeting databases. Engineering Applications of Artificial Intelligence, 2015, 45, 103-118.	8.1	11
138	A convergence theorem for graph shift-type algorithms. Pattern Recognition, 2015, 48, 2751-2760.	8.1	0
139	Coupled Matrix Factorization Within Non-IID Context. Lecture Notes in Computer Science, 2015, , 707-719.	1.3	7
140	MRM-Lasso: A Sparse Multiview Feature Selection Method via Low-Rank Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2801-2815.	11.3	56
141	Mining Top K Spread Sources for a Specific Topic and a Given Node. IEEE Transactions on Cybernetics, 2015, 45, 2472-2483.	9.5	14
142	Minimax Probability TSK Fuzzy System Classifier: A More Transparent and Highly Interpretable Classification Model. IEEE Transactions on Fuzzy Systems, 2015, 23, 813-826.	9.8	66
143	Automatic multilevel thresholding for image segmentation using stratified sampling and Tabu Search. Soft Computing, 2015, 19, 2605-2617.	3.6	17
144	Complex Systems. Advanced Information and Knowledge Processing, 2015, , 1-36.	0.3	2

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145	Actionable Knowledge Discovery and Delivery. Advanced Information and Knowledge Processing, 2015, , 287-312.	0.3	6
146	Coupling Multiple Views of Relations for Recommendation. Lecture Notes in Computer Science, 2015, , 732-743.	1.3	1
147	A Coupled k-Nearest Neighbor Algorithm for Multi-label Classification. Lecture Notes in Computer Science, 2015, , 176-187.	1.3	9
148	Learning Complex Behavioral and Social Data. Advanced Information and Knowledge Processing, 2015, , 313-336.	0.3	0
149	System Methodologies. Advanced Information and Knowledge Processing, 2015, , 51-56.	0.3	0
150	OSOAD Case Study. Advanced Information and Knowledge Processing, 2015, , 267-286.	0.3	0
151	Visual Modeling. Advanced Information and Knowledge Processing, 2015, , 131-168.	0.3	1
152	A Coupled Similarity Kernel for Pairwise Support Vector Machine. Lecture Notes in Computer Science, 2015, , 114-123.	1.3	0
153	Metasynthesis. Advanced Information and Knowledge Processing, 2015, , 81-110.	0.3	0
154	Fast Local Histogram Specification. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 1833-1843.	8.3	9
155	Bayesian Heteroskedastic Choice Modeling on Non-identically Distributed Linkages. , 2014, ,		0
156	Semantic Approximate Keyword Query Based on Keyword and Query Coupling Relationship Analysis. , 2014, ,		4
157	Coupled fuzzy k-nearest neighbors classification of imbalanced non-IID categorical data. , 2014, ,		7
158	mPadal: a joint local-and-global multi-view feature selection method for activity recognition. Applied Intelligence, 2014, 41, 776-790.	5.3	13
159	Multi-label learning based on iterative label propagation over graph. Pattern Recognition Letters, 2014, 42, 85-90.	4.2	6
160	A K-Farthest-Neighbor-based approach for support vector data description. Applied Intelligence, 2014, 41, 196-211.	5.3	19
161	A hybrid coupled k-nearest neighbor algorithm on imbalance data. , 2014, ,		9
162	A Similarity-Based Classification Framework for Multiple-Instance Learning. IEEE Transactions on Cybernetics, 2014, 44, 500-515.	9.5	34

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163	Behavior Informatics: A New Perspective. IEEE Intelligent Systems, 2014, 29, 62-80.	4.0	21
164	Knowledge-leverage based TSK fuzzy system with improved knowledge transfer. , 2014, , .		8
165	A novel graph-based k-means for nonlinear manifold clustering and representative selection. Neurocomputing, 2014, 143, 109-122.	5.9	42
166	Social Image Analysis From a Non-IID Perspective. IEEE Transactions on Multimedia, 2014, 16, 1986-1998.	7.2	18
167	An efficient orientation distance-based discriminative feature extraction method for multi-classification. Knowledge and Information Systems, 2014, 39, 409-433.	3.2	5
168	Uncertain One-Class Learning and Concept Summarization Learning on Uncertain Data Streams. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 468-484.	5.7	30
169	Non-parametric shrinkage mean estimation for quadratic loss functions with unknown covariance matrices. Journal of Multivariate Analysis, 2014, 125, 222-232.	1.0	10
170	T2FELA: Type-2 Fuzzy Extreme Learning Algorithm for Fast Training of Interval Type-2 TSK Fuzzy Logic System. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 664-676.	11.3	62
171	Evolving soft subspace clustering. Applied Soft Computing Journal, 2014, 14, 210-228.	7.2	19
172	An Efficient Approach for Outlier Detection with Imperfect Data Labels. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1602-1616.	5.7	46
173	Welcome from DSAA 2014 chairs. , 2014, , .		0
174	Coupled Item-Based Matrix Factorization. Lecture Notes in Computer Science, 2014, , 1-14.	1.3	7
175	Coupled K-Nearest Centroid Classification for Non-iid Data. Lecture Notes in Computer Science, 2014, , 89-100.	1.3	2
176	Modeling Asymmetry and Tail Dependence among Multiple Variables by Using Partial Regular Vine. , 2014, , .		5
177	Learning Heterogeneous Coupling Relationships Between Non-IID Terms. Lecture Notes in Computer Science, 2014, , 79-91.	1.3	0
178	Effective detection of sophisticated online banking fraud on extremely imbalanced data. World Wide Web, 2013, 16, 449-475.	4.0	217
179	Special issue on behavior computing. Knowledge and Information Systems, 2013, 37, 245-249.	3.2	1
180	On the convergence of some possibilistic clustering algorithms. Fuzzy Optimization and Decision Making, 2013, 12, 415-432.	5.5	10

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181	An approach of hierarchical concept clustering on Medical Short Text corpus. , 2013, , .		2
182	The Foundation of Fuzzy Rule Interchange in the Semantic Web. , 2013, , .		1
183	Coupled clustering ensemble: Incorporating coupling relationships both between base clusterings and objects. , 2013, , .		21
184	TRASMIL: A local anomaly detection framework based on trajectory segmentation and multi-instance learning. Computer Vision and Image Understanding, 2013, 117, 1273-1286.	4.7	37
185	Optimal feature selection for sparse linear discriminant analysis and its applications in gene expression data. Computational Statistics and Data Analysis, 2013, 66, 140-149.	1.2	14
186	Combined mining: Analyzing object and pattern relations for discovering and constructing complex yet actionable patterns. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2013, 3, 140-155.	6.8	28
187	Identity tests for high dimensional data using RMT. Journal of Multivariate Analysis, 2013, 118, 128-137.	1.0	9
188	SVDD-based outlier detection on uncertain data. Knowledge and Information Systems, 2013, 34, 597-618.	3.2	105
189	Extracting discriminative features for identifying abnormal sequences in one-class mode. , 2013, , .		0
190	Coupled term-term relation analysis for document clustering. , 2013, , .		32
191	Coupled market behavior based financial crisis detection. , 2013, , .		5
192	Agent-Based Self-Adaptable Context-Aware Network Vulnerability Assessment. IEEE Transactions on Network and Service Management, 2013, 10, 255-270.	4.9	6
193	CRNN: Integrating classification rules into neural network. , 2013, , .		10
194	A Coupled Clustering Approach for Items Recommendation. Lecture Notes in Computer Science, 2013, , 365-376.	1.3	14
195	Efficiently Mining Top-K High Utility Sequential Patterns. , 2013, , .		62
196	Leveraging Supervised Label Dependency Propagation for Multi-label Learning. , 2013, , .		7
197	Personalized recommendation via cross-domain triadic factorization. , 2013, , .		158
198	TCTM: an evaluation framework for architecture design on wireless sensor networks. International Journal of Sensor Networks, 2013, 14, 168.	0.4	2

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199	Optimal Allocation of High Dimensional Assets through Canonical Vines. Lecture Notes in Computer Science, 2013, , 366-377.	1.3	2
200	Mining Frequent Patterns from Human Interactions in Meetings Using Directed Acyclic Graphs. Lecture Notes in Computer Science, 2013, , 38-49.	1.3	53
201	On Discovering the Correlated Relationship between Static and Dynamic Data in Clinical Gait Analysis. Lecture Notes in Computer Science, 2013, , 563-578.	1.3	5
202	CGMF: Coupled Group-Based Matrix Factorization for Recommender System. Lecture Notes in Computer Science, 2013, , 189-198.	1.3	11
203	Trading Strategy Based Portfolio Selection for Actionable Trading Agents. Lecture Notes in Computer Science, 2013, , 191-202.	1.3	0
204	Robust Textual Data Streams Mining Based on Continuous Transfer Learning. , 2013, , .		0
205	Efficient Selection of Globally Optimal Rules on Large Imbalanced Data Based on Rule Coverage Relationship Analysis. , 2013, , .		6
206	Maximum margin clustering on evolutionary data. , 2012, , .		0
207	Model the complex dependence structures of financial variables by using canonical vine. , 2012, , .		5
208	Coupled behavior analysis for capturing coupling relationships in group-based market manipulations. , 2012, , .		25
209	USpan. , 2012, , .		178
210	Multiobjective evolutionary algorithm-based soft subspace clustering. , 2012, , .		1
211	Conservation of water molecules in protein binding interfaces. International Journal of Bioinformatics Research and Applications, 2012, 8, 228.	0.2	3
212	TOP-10 DATA MINING CASE STUDIES. International Journal of Information Technology and Decision Making, 2012, 11, 389-400.	3.9	5
213	Graph-based coupled behavior analysis: A case study on detecting collaborative manipulations in stock markets. , 2012, , .		0
214	A novel auto-parameters selection process for image segmentation. , 2012, , .		4
215	Coupled Behavior Analysis with Applications. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 1378-1392.	5.7	126
216	Social Security and Social Welfare Data Mining: An Overview. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 837-853.	2.9	14

#	ARTICLE	IF	CITATIONS
217	Actionable knowledge discovery and delivery. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2012, 2, 149-163.	6.8	44
218	A brief introduction to agent mining. Autonomous Agents and Multi-Agent Systems, 2012, 25, 419-424.	2.1	42
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