Jing He

List of Publications by Year
in descending order

143 papers	1,579 citations	430754 18 h-index	414303 32 g-index
149 all docs	149 docs citations	149 times ranked	1635 citing authors

#	ARTICLE	IF	CITATIONS
1	An Information Based Fuzzy Partitioning Approach (IBFP) for â€œBadâ€•Credit Detection. Procedia Computer Science, 2022, 199, 1160-1167.	1.2	0
2	Emerging Scientific Topic Discovery byÂFinding Infrequent Synonymous Biterms. Lecture Notes in Computer Science, 2022, , 29-40.	1.0	1
3	An explainable multi-sparsity multi-kernel nonconvex optimization least-squares classifier method via ADMM. Neural Computing and Applications, 2022, 34, 16103-16128.	3.2	4
4	Predicting Grain Losses and Waste Rate Along the Entire Chain: A Multitask Multigated Recurrent Unit Autoencoder Based Method. IEEE Transactions on Industrial Informatics, 2021, 17, 4390-4400.	7.2	13
5	A polynomialâ€time algorithm for simple undirected graph isomorphism. Concurrency Computation Practice and Experience, 2021, 33, 1-1.	1.4	10
6	An Efficient Solution to Detect Common Topologies in Money Launderings Based on Coupling and Connection. IEEE Intelligent Systems, 2021, 36, 64-74.	4.0	4
7	Dynamic Virtual Network Embedding of Mobile Cloud System Based on Global Resources in Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 8161-8174.	3.9	12
8	IBE-BCIOT: an IBE based cross-chain communication mechanism of blockchain in IoT. World Wide Web, 2021, 24, 1665-1690.	2.7	16
9	Linear Adjusting Programming in Factor Space. , 2021, , .		0
10	A Subgraph Isomorphism-based Attack Towards Social Networks. , 2021, , .		0
11	Maximum Projection Distance Classifier for High Dimension and Low Sample Size Problems. , 2021, , .		0
12	Homomorphic Encryption based Subgraph Isomorphism Protocol in Blockchain. , 2021, , .		0
13	Effective Personalized Taxonomy Pruning for Identification of Relevant Knowledge Domain for Knowledge Support of User Interests. , 2021, , .		0
14	Privacy preserving classification on local differential privacy in data centers. Journal of Parallel and Distributed Computing, 2020, 135, 70-82.	2.7	48
15	Intelligent pseudoâ€location recommendation for protecting personal location privacy. Concurrency Computation Practice and Experience, 2020, 32, e5435.	1.4	3
16	A Novel Flash P2P Network Traffic Prediction Algorithm based on ELMD and Garch. International Journal of Information Technology and Decision Making, 2020, 19, 127-141.	2.3	4
17	Active contours with local and global energy basedâ€on fuzzy clustering and maximum a posterior probability for retinal vessel detection. Concurrency Computation Practice and Experience, 2020, 32, e5599.	1.4	3
18	Dual incremental fuzzy schemes for frequent itemsets discovery in streaming numeric data. Information Sciences, 2020, 514, 15-43.	4.0	4

#	ARTICLE	IF	CITATIONS
19	Factor space is the adaptive and deepening theory of fuzzy sets. , 2020, , .		1
20	A novel nest-based scheduling method for mobile wireless body area networks. Digital Communications and Networks, 2020, 6, 514-523.	2.7	12
21	Cognitive Traffic Anomaly Prediction from GPS Trajectories Using Visible Outlier Indexes and Meshed Spatiotemporal Neighborhoods. Cognitive Computation, 2020, 12, 967-978.	3.6	4
22	A Fuzzy Theory Based Topological Distance Measurement for Undirected Multigraphs. , 2020, , .		1
23	An interpretable regression approach based on bi-sparse optimization. Applied Intelligence, 2020, 50, 4117-4142.	3.3	3
24	Intelligent Resource Scheduling Based on Locality Principle in Data Center Networks. IEEE Communications Magazine, 2020, 58, 94-100.	4.9	14
25	EEG Self-Adjusting Data Analysis Based on Optimized Sampling for Robot Control. Electronics (Switzerland), 2020, 9, 925.	1.8	10
26	Reconfigurable Fault‐tolerance mapping of ternary N‐cubes onto chips. Concurrency Computation Practice and Experience, 2020, 32, e5659.	1.4	3
27	A combination model based on transfer learning for waste classification. Concurrency Computation Practice and Experience, 2020, 32, e5751.	1.4	50
28	An Optimal Backoff Time-Based Internetwork Interference Mitigation Method in Wireless Body Area Network. Journal of Sensors, 2020, 2020, 1-13.	0.6	3
29	An Inclined Bounding Box Method for Detecting Parking Spaces in Open Parking Lots using Aerial Images. , 2020, , .		1
30	An Optimized Self-adjusting Model for EEG Data Analysis in Online Education Processes. Lecture Notes in Computer Science, 2020, , 338-348.	1.0	2
31	Resultant Gradient Flow Method for Multiple Objective Programming Based on Efficient Computing. Communications in Computer and Information Science, 2020, , 492-506.	0.4	0
32	SEBF: A Single-Chain based Extension Model of Blockchain for Fintech. , 2020, , .		1
33	Exploring Douglas-Peucker Algorithm in the Detection of Epileptic Seizure from Multicategory EEG Signals. BioMed Research International, 2019, 2019, 1-19.	0.9	18
34	A Subgraph Isomorphism Algorithm for Privacy Preserving in Dynamic Social Network. , 2019, , .		0
35	Bi-sparse optimization-based least squares regression. Applied Soft Computing Journal, 2019, 77, 300-315.	4.1	10
36	A Review on Automatic Facial Expression Recognition Systems Assisted by Multimodal Sensor Data. Sensors, 2019, 19, 1863.	2.1	129

#	ARTICLE	IF	CITATIONS
37	Application of Data Distribution Technology in Smart Cities. Procedia Computer Science, 2019, 162, 324-330.	1.2	0
38	HRCM: An Efficient Hybrid Referential Compression Method for Genomic Big Data. BioMed Research International, 2019, 2019, 1-13.	0.9	11
39	Developing a smart healthcare framework with an â€˜Aboriginal lensâ€™. Procedia Computer Science, 2019, 162, 347-354.	1.2	3
40	Enhanced Classification Models for Iris Dataset. Procedia Computer Science, 2019, 162, 946-954.	1.2	9
41	A bi-level programming model for oilfield development and its solution algorithm based on interactive intuitionistic fuzzy method. Procedia Computer Science, 2019, 162, 215-226.	1.2	0
42	Absorbing Diagonal Algorithm: an Eigensolver of $O(n^{2.584963} \log \frac{1}{\epsilon})$ Complexity at Precision Îµ. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	4.0	0
43	A general model for fuzzy decision tree and fuzzy random forest. Computational Intelligence, 2019, 35, 310-335.	2.1	8
44	A novel multi-objective particle swarm optimization for comprehensible credit scoring. Soft Computing, 2019, 23, 9009-9023.	2.1	9
45	Sparse multi-criteria optimization classifier for credit risk evaluation. Soft Computing, 2019, 23, 3053-3066.	2.1	18
46	Dynamic optimisation based fuzzy association rule mining method. International Journal of Machine Learning and Cybernetics, 2019, 10, 2187-2198.	2.3	15
47	Absorbing Diagonal Algorithm for Enhancing Randomized SVD Algorithms in Collaborative Filteringâœ±. , 2019, , .		0
48	On Space-Time Filtering Framework for Matching Human Actions Across Different Viewpoints. IEEE Transactions on Image Processing, 2018, 27, 1230-1242.	6.0	22
49	MSIM: A change detection framework for damage assessment in natural disasters. Expert Systems With Applications, 2018, 97, 372-383.	4.4	18
50	Research on the HPACA Algorithm to Solve Alternative Covering Location Model for Methane Sensors. Procedia Computer Science, 2018, 139, 464-472.	1.2	4
51	Frontier development of chips design and production. Procedia Computer Science, 2018, 139, 554-560.	1.2	4
52	Glucose Screening Measurements and Noninvasive Glucose Monitor Methods. Procedia Computer Science, 2018, 139, 613-621.	1.2	7
53	Generating EEG Graphs Based on PLA for Brain Wave Pattern Recognition. , 2018, , .		3
54	Development Status and Trends of Wearable Smart Devices on Wrists. Lecture Notes in Computer Science, 2018, , 119-129.	1.0	1

#	Article	IF	Citations
55	Addressing RFID Misreadings to Better Infer Bee Hive Activity. IEEE Access, 2018, 6, 31935-31949.	2.6	15
56	Clustering of Multiple Density Peaks. Lecture Notes in Computer Science, 2018, , 413-425.	1.0	4
57	Scale Adjustable Interaction Group Identification. , 2018, , .		0
58	A fuzzy decision tree approach based on data distribution construction. , 2017, , .		4
59	A PCA aided cross-covariance scheme for discriminative feature extraction from EEG signals. Computer Methods and Programs in Biomedicine, 2017, 146, 47-57.	2.6	39
60	A Survey of Personalised Image Retrieval and Recommendation. Communications in Computer and Information Science, 2017, , 233-247.	0.4	3
61	TIDM: Topic-Specific Information Detection Model. Procedia Computer Science, 2017, 122, 229-236.	1.2	2
62	Deep actionlet proposals for driver's behavior monitoring. , 2017, , .		1
63	Proportioning documents over categories based on word embeddings. , 2017, , .		0
64	Leveraging Kernel Incorporated Matrix Factorization for Smartphone Application Recommendation. Lecture Notes in Computer Science, 2017, , 459-474.	1.0	2
65	Spatiotemporal Interpolation for Environmental Modelling. Sensors, 2016, 16, 1245.	2.1	29
66	Complex social network partition for balanced subnetworks. , 2016, , .		1
67	SQLS: A Storm–Based Query Language System for Real–Time Stream Data Analysis. Chinese Journal of Electronics, 2016, 25, 1025-1033.	0.7	2
68	Discovery of stop regions for understanding repeat travel behaviors of moving objects. Journal of Computer and System Sciences, 2016, 82, 582-593.	0.9	13
69	CogTime_RMF: regularized matrix factorization with drifting cognition degree for collaborative filtering. Cluster Computing, 2016, 19, 821-835.	3.5	2
70	Group Recommendations Based on Comprehensive Latent Relationship Discovery. , 2016, , .		7
71	Software Evolution Information Driven Service-Oriented Software Clustering. , 2016, , .		1
72	FACE: Fully Automated Context Enhancement for night-time video sequences. Journal of Visual Communication and Image Representation, 2016, 40, 682-693.	1.7	14

#	ARTICLE	IF	CITATIONS
73	Building Cloud-Based Healthcare Data Mining Services. , 2016, , .		5
74	Building Computational Virtual Reality Environment for Anesthesia. Annals of Data Science, 2016, 3, 413-421.	1.7	0
75	Food Traceability System Based on 3D City Models and Deep Learning. Annals of Data Science, 2016, 3, 89-100.	1.7	2
76	Towards Anomalous Diffusion Sources Detection in a Large Network. ACM Transactions on Internet Technology, 2016, 16, 1-24.	3.0	7
77	Design of Environmental Sensor Networks Using Evolutionary Algorithms. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 575-579.	1.4	6
78	Effective and efficient detection of premature ventricular contractions based on variation of principal directions. , 2016, 50, 93-102.		28
79	SCHOLAT: An Innovative Academic Information Service Platform. Lecture Notes in Computer Science, 2016, , 453-456.	1.0	6
80	Modelling semantics across multiple time series and its applications. Knowledge-Based Systems, 2015, 85, 27-36.	4.0	3
81	A Framework for Food Traceability Information Extraction Based on a Video Surveillance System. Procedia Computer Science, 2015, 55, 1285-1292.	1.2	5
82	Building the Computational Virtual Reality Environment for Anaesthetists' Training and Practice. , 2015, , .		0
83	A Data as a Product Model for Future Consumption of Big Stream Data in Clouds. , 2015, , .		3
84	Node-coupling clustering approaches for link prediction. Knowledge-Based Systems, 2015, 89, 669-680.	4.0	26
85	SVD-based incremental approaches for recommender systems. Journal of Computer and System Sciences, 2015, 81, 717-733.	0.9	96
86	A Graph-based model for context-aware recommendation using implicit feedback data. World Wide Web, 2015, 18, 1351-1371.	2.7	48
87	Mining streams of short text for analysis of world-wide event evolutions. World Wide Web, 2015, 18, 1201-1217.	2.7	17
88	3D Model-Based Food Traceability Information Extraction Framework. Lecture Notes in Computer Science, 2015, , 112-119.	1.0	2
89	Building Computational Virtual Reality Environment for Anesthesia. Lecture Notes in Computer Science, 2015, , 151-158.	1.0	2
90	Accurate Image Analysis of the Retina Using Hessian Matrix and Binarisation of Thresholded Entropy with Application of Texture Mapping. PLoS ONE, 2014, 9, e95943.	1.1	46

#	ARTICLE	IF	CITATIONS
91	Modeling dual role preferences for trust-aware recommendation. , 2014, , .		44
92	Wireless Sensor Networks for Heritage Object Deformation Detection and Tracking Algorithm. Sensors, 2014, 14, 20562-20588.	2.1	4
93	A Local Adaptive Segmentation of Vascular Network from Abnormal Retinal Images. , 2014, , .		0
94	Combining geographical information of users and content of items for accurate rating prediction. , 2014, , .		8
95	Optimized fuzzy association rule mining for quantitative data. , 2014, , .		8
96	SoRank. , 2014, , .		11
97	Scalable approximating SVD algorithm for recommender systems. Web Intelligence and Agent Systems, 2014, 12, 359-373.	0.4	4
98	Guest editorial: Web technologies and applications. World Wide Web, 2014, 17, 455-456.	2.7	0
99	A Clique-based WBAN Scheduling for Mobile Wireless Body Area Networks. Procedia Computer Science, 2014, 31, 1092-1101.	1.2	26
100	A Novel Method in Extracranial Removal of Brain MR Images. Procedia Computer Science, 2014, 31, 1160-1169.	1.2	4
101	Web Services for Things. , 2014, , 605-629.		3
102	Unsupervised Segmentation of Blood Vessels from Colour Retinal Fundus Images. Lecture Notes in Computer Science, 2014, , 194-203.	1.0	0
103	Mathematical-Morphology-Based Edge Detection of Retinal Vessels in Retinal Images. Lecture Notes in Computer Science, 2013, , 265-268.	1.0	0
104	A real-time abnormality detection system for intensive care management. , 2013, , .		2
105	CIRCE: Correcting Imprecise Readings and Compressing Excrescent points for querying common patterns in uncertain sensor streams. Information Systems, 2013, 38, 1234-1251.	2.4	7
106	Finding the minimum number of elements with sum above a threshold. Information Sciences, 2013, 238, 205-211.	4.0	3
107	Discovering Semantics from Multiple Correlated Time Series Stream. Lecture Notes in Computer Science, 2013, , 509-520.	1.0	1
108	GEAM: A General and Event-Related Aspects Model for Twitter Event Detection. Lecture Notes in Computer Science, 2013, , 319-332.	1.0	9

#	Article	IF	Citations
109	Personalized Recommendation on Multi-Layer Context Graph. Lecture Notes in Computer Science, 2013, , 135-148.	1.0	5
110	A Personalized Recommendation Algorithm Based on Approximating the Singular Value Decomposition (ApproSVD). , 2012, , .		13
111	Distributed data possession checking for securing multiple replicas in geographically-dispersed clouds. Journal of Computer and System Sciences, 2012, 78, 1345-1358.	0.9	32
112	A smart web service based on the context of things. ACM Transactions on Internet Technology, 2012, 11, 1-23.	3.0	40
113	Exceptional Object Analysis for Finding Rare Environmental Events from water quality datasets. Neurocomputing, 2012, 92, 69-77.	3.5	2
114	An Association Rule Analysis Framework for Complex Physiological and Genetic Data. Lecture Notes in Computer Science, 2012, , 131-142.	1.0	2
115	A FUZZY LINEAR PROGRAMMING-BASED CLASSIFICATION METHOD. International Journal of Information Technology and Decision Making, 2011, 10, 1161-1174.	2.3	7
116	Fault Tolerance in Data Gathering Wireless Sensor Networks. Computer Journal, 2011, 54, 976-987.	1.5	11
117	Efficiently Retrieving Longest Common Route Patterns of Moving Objects By Summarizing Turning Regions. Lecture Notes in Computer Science, 2011, , 375-386.	1.0	5
118	Learning from Multiple Related Data Streams with Asynchronous Flowing Speeds. , 2010, , .		0
119	Domain-Driven Classification Based on Multiple Criteria and Multiple Constraint-Level Programming for Intelligent Credit Scoring. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 826-838.	4.0	35
120	An Optimised Design for Agent Capability Reuse. , 2010, , .		1
121	A Novel Ranking Algorithm for Service Matching Based on Agent Association Graphs. , 2010, , .		2
122	A novel time computation model based on algorithm complexity for data intensive scientific workflow design and scheduling. Concurrency Computation Practice and Experience, 2009, 21, 2070-2083.	1.4	1
123	MCLP-based methods for improving â€œBadâ€•catching rate in credit cardholder behavior analysis. Applied Soft Computing Journal, 2008, 8, 1259-1265.	4.1	30
124	Data Mining for Seismic Exploration. , 2008, , .		2
125	Inter-frame Change Directing Online Clustering of Multiple Moving Objects for Video-Based Sensor Networks. , 2008, , .		4
126	Web Services Discovery Based on Latent Semantic Approach. , 2008, , .		30

#	Article	IF	Citations
127	Efficiently finding web services using a clustering semantic approach. , 2008, , .		45
128	Wireless Video-Based Sensor Networks for Surveillance of Residential Districts. , 2008, , 154-165.		7
129	DATA MINING VIA MINIMAL SPANNING TREE CLUSTERING FOR PROLONGING LIFETIME OF WIRELESS SENSOR NETWORKS. International Journal of Information Technology and Decision Making, 2007, 06, 235-251.	2.3	5
130	Network Lifetime of Application-Specific Randomly Deployed Wireless Sensor Networks in Arbitrary Sensor Density. , 2007, , .		4
131	Cluster Analysis and Optimization in Color-Based Clustering for Image Abstract. , 2007, , .		20
132	Automatic Generation of Traditional Style Painting by Using Density-Based Color Clustering. , 2007, , .		2
133	Dynamic Computable General Equilibrium Model and Sensitivity Analysis for Shadow Price of Water Resource in China. Water Resources Management, 2007, 21, 1517-1533.	1.9	27
134	Kimberlites Identification by Classification Methods. Lecture Notes in Computer Science, 2007, , 409-414.	1.0	3
135	A Dynamic Committee Scheme on Multiple-Criteria Linear Programming Classification Method. Lecture Notes in Computer Science, 2007, , 401-408.	1.0	0
136	Dynamic Minimal Spanning Tree Routing Protocol for Large Wireless Sensor Networks. , 2006, , .		34
137	A Dynamic Approach to Calculate Shadow Prices of Water Resources for Nine Major Rivers in China. Journal of Systems Science and Complexity, 2006, 19, 76-87.	1.6	3
138	Pattern Recognition for MCNs Using Fuzzy Linear Programming. Lecture Notes in Computer Science, 2006, , 509-516.	1.0	1
139	Computer-based algorithms for multiple criteria and multiple constraint level integer linear programming. Computers and Mathematics With Applications, 2005, 49, 903-921.	1.4	10
140	CLASSIFICATIONS OF CREDIT CARDHOLDER BEHAVIOR BY USING FUZZY LINEAR PROGRAMMING. International Journal of Information Technology and Decision Making, 2004, 03, 633-650.	2.3	55
141	A Novel Association Rule Mining Method for Streaming Temporal Data. Annals of Data Science, 0, , 1.	1.7	1
142	<scp>DVO</scp> Â+â€‰ <scp>LCLMF</scp> : A web service recommendation mechanism with <scp>QoS</scp> privacy preservation. Concurrency Computation Practice and Experience, 0, , .	1.4	1
143	Multi-objective optimisation based fuzzy association rule mining method. World Wide Web, 0, , .	2.7	2