Zhikui Chen

List of Publications by Year
in descending order

84 papers	4,082 citations	172207 29 h-index	118652 62 g-index
85 all docs	85 docs citations	85 times ranked	4352 citing authors

#	Article	IF	Citations
1	PPHOPCM: Privacy-Preserving High-Order Possibilistic c-Means Algorithm for Big Data Clustering with Cloud Computing. IEEE Transactions on Big Data, 2022, 8, 25-34.	4.4	85
2	Collaborative Filtering With Network Representation Learning for Citation Recommendation. IEEE Transactions on Big Data, 2022, 8, 1233-1246.	4.4	19
3	Multilabel Aerial Image Classification With a Concept Attention Graph Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	11
4	Multilabel Aerial Image Classification With Unsupervised Domain Adaptation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	6
5	LSTM-MFCN: A time series classifier based on multi-scale spatial–temporal features. Computer Communications, 2022, 182, 52-59.	3.1	6
6	A two-stage deep transfer learning model and its application for medical image processing in Traditional Chinese Medicine. Knowledge-Based Systems, 2022, 239, 108060.	4.0	14
7	Semantic Understandings for Aerial Images via Multigrained Feature Grouping. Scientific Programming, 2022, 2022, 1-12.	0.5	3
8	Co-Learning Non-Negative Correlated and Uncorrelated Features for Multi-View Data. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1486-1496.	7.2	26
9	Vehicle Trajectory Clustering Based on Dynamic Representation Learning of Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3567-3576.	4.7	87
10	Deep learning models for diagnosing spleen and stomach diseases in smart Chinese medicine with cloud computing. Concurrency Computation Practice and Experience, 2021, 33, 1-1.	1.4	33
11	A Unified Smart Chinese Medicine Framework for Healthcare and Medical Services. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 882-890.	1.9	24
12	An Attention-Based Deep Learning Framework for Trip Destination Prediction of Sharing Bike. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4601-4610.	4.7	38
13	Semisupervised Deep Embedded Clustering with Adaptive Labels. Scientific Programming, 2021, 2021, 1-12.	0.5	0
14	Parallel Implementations of Candidate Solution Evaluation Algorithm for N-Queens Problem. Complexity, 2021, 2021, 1-15.	0.9	3
15	Averaged Soft Actor-Critic for Deep Reinforcement Learning. Complexity, 2021, 2021, 1-16.	0.9	6
16	Efficient Byzantine Consensus Mechanism Based on Reputation in IoT Blockchain. Wireless Communications and Mobile Computing, 2021, 2021, 1-14.	0.8	15
17	A Sparse Deep Transfer Learning Model and Its Application for Smart Agriculture. Wireless Communications and Mobile Computing, 2021, 2021, 1-11.	0.8	1
18	Incremental multi-view correlated feature learning based on non-negative matrix factorisation. IET Computer Vision, 2021, 15, 573.	1.3	0

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19	Dual Alignment Self-Supervised Incomplete Multi-View Subspace Clustering Network. IEEE Signal Processing Letters, 2021, 28, 2122-2126.	2.1	3
20	Multi-View Representation Learning via Dual Optimal Transportation. IEEE Access, 2021, 9, 144976-144984.	2.6	1
21	Incremental Deep Computation Model for Wireless Big Data Feature Learning. IEEE Transactions on Big Data, 2020, 6, 248-257.	4.4	22
22	Cross-Modal Retrieval for CPSS Data. IEEE Access, 2020, 8, 16689-16701.	2.6	5
23	Corrections to "A Cooperative Quality-Aware Service Access System for Social Internet of Vehicles". IEEE Internet of Things Journal, 2020, 7, 6663-6663.	5.5	3
24	A Deep Fusion Gaussian Mixture Model for Multiview Land Data Clustering. Wireless Communications and Mobile Computing, 2020, 2020, 1-9.	0.8	1
25	Multi-View Robust Feature Learning for Data Clustering. IEEE Signal Processing Letters, 2020, 27, 1750-1754.	2.1	9
26	MESH: A Flexible Manifold-Embedded Semantic Hashing for Cross-Modal Retrieval. IEEE Access, 2020, 8, 147569-147579.	2.6	1
27	A Survey on Deep Learning for Multimodal Data Fusion. Neural Computation, 2020, 32, 829-864.	1.3	252
28	A hybrid deep computation model for feature learning on aero-engine data: applications to fault detection. Applied Mathematical Modelling, 2020, 83, 487-496.	2.2	8
29	Image Annotation based on Semantic Structure and Graph Learning. , 2020, , .		0
30	Enhanced Attention-based Back Projection Network for Image Super-Resolution in Sensor Network. IEEE Sensors Journal, 2020, , 1-1.	2.4	1
31	ICFS Clustering With Multiple Representatives for Large Data. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 728-738.	7.2	30
32	Unsupervised multi-view non-negative for law data feature learning with dual graph-regularization in smart Internet of Things. Future Generation Computer Systems, 2019, 100, 523-530.	4.9	16
33	A canonical polyadic deep convolutional computation model for big data feature learning in Internet of Things. Future Generation Computer Systems, 2019, 99, 508-516.	4.9	24
34	Deep Semantic Mapping for Heterogeneous Multimedia Transfer Learning Using Co-Occurrence Data. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-21.	3.0	16
35	Privacy-Preserving Deep Learning Models for Law Big Data Feature Learning. , 2019, , .		1
36	A Double Deep Q-Learning Model for Energy-Efficient Edge Scheduling. IEEE Transactions on Services Computing, 2019, 12, 739-749.	3.2	103

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37	An Incremental Deep Convolutional Computation Model for Feature Learning on Industrial Big Data. IEEE Transactions on Industrial Informatics, 2019, 15, 1341-1349.	7.2	48
38	Smart Chinese medicine for hypertension treatment with a deep learning model. Journal of Network and Computer Applications, 2019, 129, 1-8.	5.8	20
39	An efficient data delivery and scheduling scheme for smart and sustainable cities. Journal of Cleaner Production, 2019, 215, 497-513.	4.6	7
40	An Adaptive Dropout Deep Computation Model for Industrial IoT Big Data Learning With Crowdsourcing to Cloud Computing. IEEE Transactions on Industrial Informatics, 2019, 15, 2330-2337.	7.2	101
41	Energy-Efficient Scheduling for Real-Time Systems Based on Deep Q-Learning Model. IEEE Transactions on Sustainable Computing, 2019, 4, 132-141.	2.2	107
42	STCMH with minimal semantic loss. IET Image Processing, 2019, 13, 2529-2537.	1.4	1
43	An Efficient Deep Learning Model to Predict Cloud Workload for Industry Informatics. IEEE Transactions on Industrial Informatics, 2018, 14, 3170-3178.	7.2	159
44	TCMHG: Topic-Based Cross-Modal Hypergraph Learning for Online Service Recommendations. IEEE Access, 2018, 6, 24856-24865.	2.6	6
45	A Tensor-Train Deep Computation Model for Industry Informatics Big Data Feature Learning. IEEE Transactions on Industrial Informatics, 2018, 14, 3197-3204.	7.2	41
46	Challenges and techniques in Big data security and privacy: A review. Security and Privacy, 2018, 1, e13.	1.9	20
47	An Improved Deep Computation Model Based on Canonical Polyadic Decomposition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1657-1666.	5.9	31
48	Unsupervised Multiview Nonnegative Correlated Feature Learning for Data Clustering. IEEE Signal Processing Letters, 2018, 25, 60-64.	2.1	25
49	Semantic Clustering-Based Deep Hypergraph Model for Online Reviews Semantic Classification in Cyber-Physical-Social Systems. IEEE Access, 2018, 6, 17942-17951.	2.6	13
50	Local Similarity Imputation Based on Fast Clustering for Incomplete Data in Cyber-Physical Systems. IEEE Systems Journal, 2018, 12, 1610-1620.	2.9	38
51	Distributed Feature Selection for Efficient Economic Big Data Analysis. IEEE Transactions on Big Data, 2018, 4, 164-176.	4.4	37
52	High-order possibilistic c-means algorithms based on tensor decompositions for big data in IoT. Information Fusion, 2018, 39, 72-80.	11.7	95
53	Novel Framework of Risk-Aware Virtual Network Embedding in Optical Data Center Networks. IEEE Systems Journal, 2018, 12, 2473-2482.	2.9	55
54	Privacy-Preserving Double-Projection Deep Computation Model With Crowdsourcing on Cloud for Big Data Feature Learning. IEEE Internet of Things Journal, 2018, 5, 2896-2903.	5.5	79

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55	Incomplete multi-view clustering via deep semantic mapping. Neurocomputing, 2018, 275, 1053-1062.	3.5	73
56	A Cooperative Quality-Aware Service Access System for Social Internet of Vehicles. IEEE Internet of Things Journal, 2018, 5, 2506-2517.	5.5	241
57	A survey on deep learning for big data. Information Fusion, 2018, 42, 146-157.	11.7	827
58	Deep Convolutional Computation Model for Feature Learning on Big Data in Internet of Things. IEEE Transactions on Industrial Informatics, 2018, 14, 790-798.	7.2	159
59	A Deep CFS Model for Text Clustering. , 2018, , .		0
60	A New Deep Transfer Learning Model for Judicial Data Classification. , 2018, , .		1
61	Special issue on big data intelligence in communication systems. International Journal of Communication Systems, 2018, 31, e3800.	1.6	2
62	Integration of Image Feature and Word Relevance: Toward Automatic Image Annotation in Cyber-Physical-Social Systems. IEEE Access, 2018, 6, 44190-44198.	2.6	12
63	Cross-Entropy Pruning for Compressing Convolutional Neural Networks. Neural Computation, 2018, 30, 3128-3149.	1.3	7
64	Supervised Intra- and Inter-Modality Similarity Preserving Hashing for Cross-Modal Retrieval. IEEE Access, 2018, 6, 27796-27808.	2.6	26
65	Combinative hypergraph learning in subspace for cross-modal ranking. Multimedia Tools and Applications, 2018, 77, 25959-25982.	2.6	0
66	A Partitioning and Index Algorithm for RDF Data of Cloud-Based Robotic Systems. IEEE Access, 2018, 6, 29836-29845.	2.6	4
67	Deep Discrete Cross-Modal Hashing for Cross-Media Retrieval. Pattern Recognition, 2018, 83, 64-77.	5.1	40
68	Joint Optimization of Latency Monitoring and Traffic Scheduling in Software Defined Heterogeneous Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 104-113.	0.2	1
69	A privacy-preserving high-order neuro-fuzzy c-means algorithm with cloud computing. Neurocomputing, 2017, 256, 82-89.	3.5	48
70	An Incremental CFS Algorithm for Clustering Large Data in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2017, 13, 1193-1201.	7.2	148
71	Social-Oriented Adaptive Transmission in Opportunistic Internet of Smartphones. IEEE Transactions on Industrial Informatics, 2017, 13, 810-820.	7.2	92
72	Parameter-Free Incremental Co-Clustering for Multi-Modal Data in Cyber-Physical-Social Systems. IEEE Access, 2017, 5, 21852-21861.	2.6	7

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73	A Tucker Deep Computation Model for Mobile Multimedia Feature Learning. ACM Transactions on Multimedia Computing, Communications and Applications, 2017, 13, 1-18.	3.0	37
74	Deep Computation Model for Unsupervised Feature Learning on Big Data. IEEE Transactions on Services Computing, 2016, 9, 161-171.	3.2	115
75	STLIS: A Scalable Two-Level Index Scheme for Big Data in IoT. Mobile Information Systems, 2016, 2016, 1-11.	0.4	1
76	Social-Oriented Resource Management in Cloud-Based Mobile Networks. IEEE Cloud Computing, 2016, 3, 24-31.	5.3	16
77	A scheme of access service recommendation for the Social Internet of Things. International Journal of Communication Systems, 2016, 29, 694-706.	1.6	69
78	Privacy Preserving Deep Computation Model on Cloud for Big Data Feature Learning. IEEE Transactions on Computers, 2016, 65, 1351-1362.	2.4	203
79	Distributed fuzzy c-means algorithms for big sensor data based on cloud computing. International Journal of Sensor Networks, 2015, 18, 32.	0.2	19
80	A nodes scheduling model based on Markov chain prediction for big streaming data analysis. International Journal of Communication Systems, 2015, 28, 1610-1619.	1.6	27
81	A Distributed Weighted Possibilistic c-Means Algorithm for Clustering Incomplete Big Sensor Data. International Journal of Distributed Sensor Networks, 2014, 10, 430814.	1.3	27
82	Complex communication networks. International Journal of Communication Systems, 2014, 27, 1217-1219.	1.6	1
83	A localization method for the Internet of Things. Journal of Supercomputing, 2013, 63, 657-674.	2.4	104
84	A Universal Storage Architecture for Big Data in Cloud Environment. , 2013, , .		19