Ji Wu

List of Publications by Year
in descending order

70 papers	1,032 citations	687363 13 h-index	501196 28 g-index
71 all docs	71 docs citations	71 times ranked	962 citing authors

#	Article	IF	Citations
1	MPF-net: An effective framework for automated cobb angle estimation. Medical Image Analysis, 2022, 75, 102277.	11.6	14
2	A relation-based framework for effective teeth recognition on dental periapical X-rays. Computerized Medical Imaging and Graphics, 2022, 95, 102022.	5.8	6
3	A Hybrid Robust-Learning Architecture for Medical Image Segmentation with Noisy Labels. Future Internet, 2022, 14, 41.	3.8	4
4	Selection of OSA-specific pronunciations and assessment of disease severity assisted by machine learning. Journal of Clinical Sleep Medicine, 2022, 18, 2663-2672.	2.6	4
5	An automated estimator for Cobb angle measurement using multi-task networks. Neural Computing and Applications, 2021, 33, 4755-4761.	5.6	15
6	Severity evaluation of obstructive sleep apnea based on speech features. Sleep and Breathing, 2021, 25, 787-795.	1.7	7
7	Automatic clinical target volume delineation for cervical cancer in CT images using deep learning. Medical Physics, 2021, 48, 3968-3981.	3.0	23
8	Real-time prediction of upcoming respiratory events via machine learning using snoring sound signal. Journal of Clinical Sleep Medicine, 2021, 17, 1777-1784.	2.6	3
9	Development and validation of a practical machine-learning triage algorithm for the detection of patients in need of critical care in the emergency department. Scientific Reports, 2021, 11, 24044.	3.3	8
10	An automatic multi-camera-based event extraction system for real soccer videos. Pattern Analysis and Applications, 2020, 23, 953-965.	4.6	2
11	Circular Shift: An Effective Data Augmentation Method For Convolutional Neural Network On Image Classification. , 2020, , .		18
12	FPB: Improving Multi-Scale Feature Representation Inside Convolutional Layer Via Feature Pyramid Block. , 2020, , .		2
13	GCN-BMP: Investigating graph representation learning for DDI prediction task. Methods, 2020, 179, 47-54.	3.8	25
14	Development of early warning and rapid response system for patients with novel coronavirus pneumonia (COVID-19). Medicine (United States), 2020, 99, e21874.	1.0	6
15	HKA: A Hierarchical Knowledge Attention Mechanism for Multi-Turn Dialogue System. , 2020, , .		5
16	Automatic drawing of customized removable partial denture diagrams based on textual design for the clinical decision support system. Journal of Oral Science, 2020, 62, 236-238.	1.7	8
17	Study on a Fast Solver for Poisson's Equation Based on Deep Learning Technique. IEEE Transactions on Antennas and Propagation, 2020, 68, 6725-6733.	5.1	42
18	Reversal No Longer Matters: Attention-Based Arrhythmia Detection with Lead-Reversal ECG Data. , 2020, , .		1

#	Article	IF	Citations
19	A Sentiment-Aware Trading Volume Prediction Model for P2P Market Using LSTM. IEEE Access, 2019, 7, 81934-81944.	4.2	13
20	U-Module: Better Parameters Initialization of Convolutional Neural Network for Medical Image Classification. , 2019, , .		2
21	Neural Network Based Relation Extraction of Enterprises in Credit Risk Management. , 2019, , .		5
22	Attribute-Sentiment Pair Correlation Model Based on Online User Reviews. Journal of Sensors, 2019, 2019, 1-11.	1.1	3
23	An approach for medical event detection in Chinese clinical notes of electronic health records. BMC Medical Informatics and Decision Making, 2019, 19, 54.	3.0	5
24	Constrained Learned Feature Extraction for Acoustic Scene Classification. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 1216-1228.	5.8	6
25	A deep learning approach to automatic teeth detection and numbering based on object detection in dental periapical films. Scientific Reports, 2019, 9, 3840.	3.3	142
26	Drug-drug Interaction Prediction with Graph Representation Learning. , 2019, , .		17
27	An Automated Cobb Angle Estimation Method Using Convolutional Neural Network with Area Limitation. Lecture Notes in Computer Science, 2019, , 775-783.	1.3	14
28	Dropframe Scheme in Recurrent Neural Networks for Time Series Modeling. , 2018, , .		1
29	Using Dempster-Shafer Evidence Theory for Dialog State Tracking. , 2018, , .		0
30	Study on a 3D Possion's Equation Slover Based on Deep Learning Technique. , 2018, , .		4
31	Master clinical medical knowledge at certificated-doctor-level with deep learning model. Nature Communications, 2018, 9, 4352.	12.8	26
32	Detection of cervical lymph node metastasis from oral cavity cancer using a non-radiating, noninvasive digital infrared thermal imaging system. Scientific Reports, 2018, 8, 7219.	3.3	14
33	An effective teeth recognition method using label tree with cascade network structure. Computerized Medical Imaging and Graphics, 2018, 68, 61-70.	5.8	72
34	Multi-label text classification based on the label correlation mixture model. Intelligent Data Analysis, 2017, 21, 1371-1392.	0.9	4
35	Study on a Poisson's equation solver based on deep learning technique. , 2017, , .		31
36	The MSIIP System for Dialog State Tracking Challenge 4. Lecture Notes in Electrical Engineering, 2017, , 465-474.	0.4	2

#	Article	IF	Citations
37	The MSIIP system for dialog state tracking challenge 5. , 2016, , .		1
38	Off-grid compressed sensing for WiFi-based passive radar. , 2016, , .		1
39	Exploiting noisy web data by OOV ranking for low-resource keyword search. , 2016, , .		0
40	An ontology-driven, case-based clinical decision support model for removable partial denture design. Scientific Reports, 2016, 6, 27855.	3.3	30
41	Speech emotion recognition with i-vector feature and RNN model. , 2015, , .		20
42	Label Correlation Mixture Model: A Supervised Generative Approach to Multilabel Spoken Document Categorization. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 235-245.	4.6	6
43	Predicting Retweet Scale Using Log-Normal Distribution. , 2015, , .		2
44	A Probabilistic Framework for Representing Dialog Systems and Entropy-Based Dialog Management Through Dynamic Stochastic State Evolution. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 2026-2035.	5.8	15
45	Combining N-Gram and Dependency Word Pair for Multi-document Summarization. , 2014, , .		5
46	Minimum classification error rate training of supervised topic mixture model for multi-label text categorization. , 2014, , .		1
47	An effective and robust approach to Mandarin spoken language understanding in specific domain. , 2014, , .		0
48	Improving keyword search by query expansion in a probabilistic framework. , 2014, , .		1
49	Label correlation mixture model for multi-label text categorization. , 2014, , .		1
50	An ontology semantic tree based natural language interface. , 2014, , .		0
51	Subword scheme for keyword search. , 2014, , .		6
52	Global discriminative model for dependency parsing in NLP pipeline. , 2014, , .		0
53	Deep Belief Networks Based Voice Activity Detection. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 697-710.	3.2	247
54	Weight optimization and layered clustering-based ECOC. , 2013, , .		0

#	Article	IF	Citations
55	Denoising deep neural networks based voice activity detection. , 2013, , .		41
56	Linearithmic Time Sparse and Convex Maximum Margin Clustering. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1669-1692.	5.0	7
57	Optimized weighted decoding for error-correcting output codes. , 2012, , .		3
58	A synchronized pruning composition algorithm of weighted finite state transducers for large vocabulary speech recognition. , 2012, , .		0
59	Perceptual similarity between audio clips and feature selection for its measurement. , 2012, , .		1
60	Accelerating the Training of HTK on GPU with CUDA. , 2012, , .		1
61	Efficient Multiple Kernel Support Vector Machine Based Voice Activity Detection. IEEE Signal Processing Letters, 2011, 18, 466-469.	3.6	49
62	Maximum Margin Clustering Based Statistical VAD With Multiple Observation Compound Feature. IEEE Signal Processing Letters, 2011, 18, 283-286.	3.6	22
63	High performance Chinese Spoken Term Detection based on term expansion. , 2010, , .		1
64	Automatic punctuation generation for speech. , 2009, , .		1
65	A Trellis Based Fast Lattice Generating Algorithm. , 2008, , .		0
66	Spatial correlation transformation based on minimum covariance. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	1
67	A two-dimensional robust algorithm based on mel-bank log-spectrum. , 0, , .		1
68	A Chinese spoken dialogue system for train information. , 0, , .		1
69	Meta joint optimization: a holistic framework for noisy-labeled visual recognition. Applied Intelligence, 0, , 1.	5.3	1
70	Temporal Transformer Networks for Acoustic Scene Classification. , 0, , .		7