

Ji Wu

List of Publications by Year in descending order

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Version: 2024-02-01

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	Deep Belief Networks Based Voice Activity Detection. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 697-710.	3.2	247
2	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
3	An effective teeth recognition method using label tree with cascade network structure. Computerized Medical Imaging and Graphics, 2018, 68, 61-70.	5.8	72
4	Efficient Multiple Kernel Support Vector Machine Based Voice Activity Detection. IEEE Signal Processing Letters, 2011, 18, 466-469.	3.6	49
5	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
6	Denoising deep neural networks based voice activity detection. , 2013, , .		41
7	Study on a Poisson's equation solver based on deep learning technique. , 2017, , .		31
8	An ontology-driven, case-based clinical decision support model for removable partial denture design. Scientific Reports, 2016, 6, 27855.	3.3	30
9	Master clinical medical knowledge at certificated-doctor-level with deep learning model. Nature Communications, 2018, 9, 4352.	12.8	26
10	GCN-BMP: Investigating graph representation learning for DDI prediction task. Methods, 2020, 179, 47-54.	3.8	25
11	Automatic clinical target volume delineation for cervical cancer in CT images using deep learning. Medical Physics, 2021, 48, 3968-3981.	3.0	23
12	Maximum Margin Clustering Based Statistical VAD With Multiple Observation Compound Feature. IEEE Signal Processing Letters, 2011, 18, 283-286.	3.6	22
13	Speech emotion recognition with i-vector feature and RNN model. , 2015, , .		20
14	Circular Shift: An Effective Data Augmentation Method For Convolutional Neural Network On Image Classification. , 2020, , .		18
15	Drug-drug Interaction Prediction with Graph Representation Learning. , 2019, , .		17
16	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
17	An automated estimator for Cobb angle measurement using multi-task networks. Neural Computing and Applications, 2021, 33, 4755-4761.	5.6	15
18	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

#	ARTICLE	IF	CITATIONS
19	An Automated Cobb Angle Estimation Method Using Convolutional Neural Network with Area Limitation. Lecture Notes in Computer Science, 2019, , 775-783.	1.3	14
20	MPF-net: An effective framework for automated cobb angle estimation. Medical Image Analysis, 2022, 75, 102277.	11.6	14
21	A Sentiment-Aware Trading Volume Prediction Model for P2P Market Using LSTM. IEEE Access, 2019, 7, 81934-81944.	4.2	13
22	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
23	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
24	Linearithmic Time Sparse and Convex Maximum Margin Clustering. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1669-1692.	5.0	7
25	Severity evaluation of obstructive sleep apnea based on speech features. Sleep and Breathing, 2021, 25, 787-795.	1.7	7
26	Temporal Transformer Networks for Acoustic Scene Classification. , 0, , .		7
27	Subword scheme for keyword search. , 2014, , .		6
28	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
29	Constrained Learned Feature Extraction for Acoustic Scene Classification. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 1216-1228.	5.8	6
30	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
31	A relation-based framework for effective teeth recognition on dental periapical X-rays. Computerized Medical Imaging and Graphics, 2022, 95, 102022.	5.8	6
32	Combining N-Gram and Dependency Word Pair for Multi-document Summarization. , 2014, , .		5
33	Neural Network Based Relation Extraction of Enterprises in Credit Risk Management. , 2019, , .		5
34	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
35	HKA: A Hierarchical Knowledge Attention Mechanism for Multi-Turn Dialogue System. , 2020, , .		5
36	Multi-label text classification based on the label correlation mixture model. Intelligent Data Analysis, 2017, 21, 1371-1392.	0.9	4

#	ARTICLE	IF	CITATIONS
37	Study on a 3D Poisson's Equation Solver Based on Deep Learning Technique. , 2018, , .		4
38	A Hybrid Robust-Learning Architecture for Medical Image Segmentation with Noisy Labels. Future Internet, 2022, 14, 41.	3.8	4
39	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
40	Optimized weighted decoding for error-correcting output codes. , 2012, , .		3
41	Attribute-Sentiment Pair Correlation Model Based on Online User Reviews. Journal of Sensors, 2019, 2019, 1-11.	1.1	3
42	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
43	Predicting Retweet Scale Using Log-Normal Distribution. , 2015, , .		2
44	U-Module: Better Parameters Initialization of Convolutional Neural Network for Medical Image Classification. , 2019, , .		2
45	An automatic multi-camera-based event extraction system for real soccer videos. Pattern Analysis and Applications, 2020, 23, 953-965.	4.6	2
46	FPB: Improving Multi-Scale Feature Representation Inside Convolutional Layer Via Feature Pyramid Block. , 2020, , .		2
47	The MSIP System for Dialog State Tracking Challenge 4. Lecture Notes in Electrical Engineering, 2017, , 465-474.	0.4	2
48	A two-dimensional robust algorithm based on mel-bank log-spectrum. , 0, , .		1
49	A Chinese spoken dialogue system for train information. , 0, , .		1
50	Spatial correlation transformation based on minimum covariance. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	1
51	Automatic punctuation generation for speech. , 2009, , .		1
52	High performance Chinese Spoken Term Detection based on term expansion. , 2010, , .		1
53	Perceptual similarity between audio clips and feature selection for its measurement. , 2012, , .		1
54	Accelerating the Training of HTK on GPU with CUDA. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
55	Minimum classification error rate training of supervised topic mixture model for multi-label text categorization. , 2014, , .		1
56	Improving keyword search by query expansion in a probabilistic framework. , 2014, , .		1
57	Label correlation mixture model for multi-label text categorization. , 2014, , .		1
58	The MSIP system for dialog state tracking challenge 5. , 2016, , .		1
59	Off-grid compressed sensing for WiFi-based passive radar. , 2016, , .		1
60	Dropframe Scheme in Recurrent Neural Networks for Time Series Modeling. , 2018, , .		1
61	Reversal No Longer Matters: Attention-Based Arrhythmia Detection with Lead-Reversal ECG Data. , 2020, , .		1
62	Meta joint optimization: a holistic framework for noisy-labeled visual recognition. Applied Intelligence, 0, , 1.	5.3	1
63	A Trellis Based Fast Lattice Generating Algorithm. , 2008, , .		0
64	A synchronized pruning composition algorithm of weighted finite state transducers for large vocabulary speech recognition. , 2012, , .		0
65	Weight optimization and layered clustering-based ECOC. , 2013, , .		0
66	An effective and robust approach to Mandarin spoken language understanding in specific domain. , 2014, , .		0
67	An ontology semantic tree based natural language interface. , 2014, , .		0
68	Global discriminative model for dependency parsing in NLP pipeline. , 2014, , .		0
69	Exploiting noisy web data by OOV ranking for low-resource keyword search. , 2016, , .		0
70	Using Dempster-Shafer Evidence Theory for Dialog State Tracking. , 2018, , .		0