Guangxu Xun

List of Publications by Year
in descending order

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		1162367	1058022
43	1,331	8	14
papers	citations	h-index	g-index

43	43	43	1096
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	EANN. , 2018, , .		504
2	A Multi-View Deep Learning Framework for EEG Seizure Detection. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 83-94.	3.9	163
3	A Multi-view Deep Learning Method for Epileptic Seizure Detection using Short-time Fourier Transform. , 2017, , .		72
4	A Correlated Topic Model Using Word Embeddings. , 2017, , .		52
5	Wave2Vec: Deep representation learning for clinical temporal data. Neurocomputing, 2019, 324, 31-42.	3.5	38
6	Collaboratively Improving Topic Discovery and Word Embeddings by Coordinating Global and Local Contexts. , 2017, , .		34
7	A novel channel-aware attention framework for multi-channel EEG seizure detection via multi-view deep learning. , 2018, , .		34
8	MeSHProbeNet: a self-attentive probe net for MeSH indexing. Bioinformatics, 2019, 35, 3794-3802.	1.8	32
9	MuVAN: A Multi-view Attention Network for Multivariate Temporal Data. , 2018, , .		28
10	A hybrid self-attention deep learning framework for multivariate sleep stage classification. BMC Bioinformatics, 2019, 20, 586.	1.2	28
11	Detecting epileptic seizures with electroencephalogram via a context-learning model. BMC Medical Informatics and Decision Making, 2016, 16, 70.	1.5	25
12	Correlation Networks for Extreme Multi-label Text Classification. , 2020, , .		24
13	Generating Medical Hypotheses Based on Evolutionary Medical Concepts. , 2017, , .		23
14	Topic Discovery for Short Texts Using Word Embeddings. , 2016, , .		21
15	Wave2Vec: Learning Deep Representations for Biosignals. , 2017, , .		21
16	A multi-context learning approach for EEG epileptic seizure detection. BMC Systems Biology, 2018, 12, 107.	3.0	21
17	A novel wavelet-based model for EEG epileptic seizure detection using multi-context learning. , 2017, , .		20
18	Recurrent Imputation for Multivariate Time Series with Missing Values. , 2019, , .		19

#	Article	IF	Citations
19	Multi-modal learning for video recommendation based on mobile application usage. , 2015, , .		16
20	Towards self-learning based hypotheses generation in biomedical text domain. Bioinformatics, 2018, 34, 2103-2115.	1.8	16
21	Hypothesis Generation From Text Based On Co-Evolution Of Biomedical Concepts. , 2019, , .		16
22	Interpretable Word Embeddings for Medical Domain. , 2018, , .		15
23	Concepts-Bridges. , 2018, , .		14
24	Collaborative restricted Boltzmann machine for social event recommendation. , 2016, , .		13
25	Multivariate Sleep Stage Classification using Hybrid Self-Attentive Deep Learning Networks. , 2018, , .		13
26	EC-GAN: Inferring Brain Effective Connectivity via Generative Adversarial Networks. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 4852-4859.	3.6	12
27	Improving EEG feature learning via synchronized facial video. , 2015, , .		8
28	Context-learning based electroencephalogram analysis for epileptic seizure detection. , 2015, , .		8
29	Augmenting word embeddings through external knowledge-base for biomedical application. , 2017, , .		7
30	A Survey on Context Learning. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 38-56.	4.0	5
31	A Stagewise Hyperparameter Scheduler to Improve Generalization. , 2021, , .		5
32	Identifying inorganic material affinity classes for peptide sequences based on context learning. , 2015, , .		4
33	DWE-Med. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-21.	2.5	4
34	Topic Discovery for Biomedical Corpus Using MeSH Embeddings. , 2019, , .		3
35	Influence based analysis of community consistency in dynamic networks. , 2016, , .		2
36	FAT-RE: A faster dependency-free model for relation extraction. Web Semantics, 2020, 65, 100598.	2.2	2

#	Article	IF	Citations
37	HSCJN: A holistic semantic constraint joint network for diverse response generation. Computer Speech and Language, 2021, 65, 101135.	2.9	2
38	Continual representation learning for evolving biomedical bipartite networks. Bioinformatics, 2021, 37, 2190-2197.	1.8	2
39	InterHG: an Interpretable and Accurate Model for Hypothesis Generation. , 2021, , .		2
40	Scheduling Hyperparameters to Improve Generalization: From Centralized SGD to Asynchronous SGD. ACM Transactions on Knowledge Discovery From Data, 0, , .	2.5	2
41	MeSHProbeNet-P. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-14.	2.5	1
42	Tracking Community Consistency in Dynamic Networks: An Influence-based Approach. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	4.0	0
43	Knowledge-Guided Efficient Representation Learning for Biomedical Domain. , 2021, , .		0