Xiao Sun

List of Publications by Year
in descending order

46 papers	761 citations	933447 10 h-index	552781 26 g-index
47 all docs	47 docs citations	47 times ranked	730 citing authors

#	Article	IF	Citations
1	Text feature extraction based on deep learning: a review. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, 211.	2.4	202
2	Multichannel Convolutional Neural Network for Biological Relation Extraction. BioMed Research International, 2016, 2016, 1-10.	1.9	100
3	Sentiment analysis for Chinese microblog based on deep neural networks with convolutional extension features. Neurocomputing, 2016, 210, 227-236.	5.9	49
4	Facial Expression Recognition Based on a Hybrid Model Combining Deep and Shallow Features. Cognitive Computation, 2019, 11, 587-597.	5.2	40
5	Detecting users' anomalous emotion using social media for business intelligence. Journal of Computational Science, 2018, 25, 193-200.	2.9	35
6	A novel approach to generate a large scale of supervised data for short text sentiment analysis. Multimedia Tools and Applications, 2020, 79, 5439-5459.	3.9	35
7	ROI-Attention Vectorized CNN Model for Static Facial Expression Recognition. IEEE Access, 2020, 8, 7183-7194.	4.2	34
8	Dynamic emotion modelling and anomaly detection in conversation based on emotional transition tensor. Information Fusion, 2019, 46, 11-22.	19.1	28
9	Emotional Human-Machine Conversation Generation Based on Long Short-Term Memory. Cognitive Computation, 2018, 10, 389-397.	5.2	26
10	Emotional Human Machine Conversation Generation Based on SeqGAN. , 2018, , .		22
11	Hybrid spatiotemporal models for sentiment classification via galvanic skin response. Neurocomputing, 2019, 358, 385-400.	5.9	16
12	Emotional editing constraint conversation content generation based on reinforcement learning. Information Fusion, 2020, 56, 70-80.	19.1	11
13	Design and Analysis of a Human–Machine Interaction System for Researching Human's Dynamic Emotion. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6111-6121.	9.3	10
14	Toward Sensing Emotions With Deep Visual Analysis: A Long-Term Psychological Modeling Approach. IEEE MultiMedia, 2020, 27, 18-27.	1.7	10
15	Chinese New Word Identification: A Latent Discriminative Model with Global Features. Journal of Computer Science and Technology, 2011, 26, 14-24.	1.5	9
16	A database for emotional interactions of the elderly. , 2016, , .		9
17	CEP: calories estimation from food photos. International Journal of Computers and Applications, 2020, 42, 569-577.	1.3	9
18	Personality Assessment Based on Multimodal Attention Network Learning With Category-Based Mean Square Error. IEEE Transactions on Image Processing, 2022, 31, 2162-2174.	9.8	9

#	Article	IF	Citations
19	Emotional Conversation Generation Based on a Bayesian Deep Neural Network. ACM Transactions on Information Systems, 2020, 38, 1-24.	4.9	8
20	Detecting New Words from Chinese Text Using Latent Semi-CRF Models. IEICE Transactions on Information and Systems, 2010, E93-D, 1386-1393.	0.7	7
21	Chinese microblog sentiment classification based on convolution neural network with content extension method. , 2015, , .		7
22	A combined cepstral distance method for emotional speech recognition. International Journal of Advanced Robotic Systems, 2017, 14, 172988141771983.	2.1	7
23	Chinese base phrases chunking based on latent semi-CRF model. , 2010, , .		6
24	Detecting influenza states based on hybrid model with personal emotional factors from social networks. Neurocomputing, 2016, 210, 257-268.	5.9	6
25	Embedding Extra Knowledge and A Dependency Tree Based on A Graph Attention Network for Aspect-based Sentiment Analysis. , 2021, , .		6
26	Chinese Microblog Sentiment Classification Based on Deep Belief Nets with Extended Multi-Modality Features. , 2014, , .		5
27	Dual-chain Unequal-state CRF for Chinese new word detection and POS tagging. , 2008, , .		4
28	Extended super function based Chinese Japanese machine translation. , 2009, , .		4
29	Trends detection of flu based on ensemble models with emotional factors from social networks. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, 388-396.	1.4	4
30	Emotional Conversation Generation With Bilingual Interactive Decoding. IEEE Transactions on Computational Social Systems, 2022, 9, 818-829.	4.4	4
31	Neural Network With Hierarchical Attention Mechanism for Contextual Topic Dialogue Generation. IEEE Access, 2022, 10, 4628-4639.	4.2	4
32	An Integrative Approach to Chinese Named Entity Recognition. , 2007, , .		3
33	A discriminative latent model for Chinese multiword expression extraction. , 2011, , .		3
34	A multi-granularity data augmentation based fusion neural network model for short text sentiment analysis. , 2017, , .		3
35	Emotional Conversation Generation Orientated Syntactically Constrained Bidirectional-Asynchronous Framework. IEEE Transactions on Affective Computing, 2022, 13, 187-198.	8.3	3
36	Emotional dialog generation via multiple classifiers based on a generative adversarial network. Virtual Reality & Intelligent Hardware, 2021, 3, 18-32.	3.2	3

#	Article	IF	Citations
37	Reverse universal triple I method of (1,1,2) type for the Lukasiewicz implication. , 2011, , .		2
38	Emotional element detection and tendency judgment based on mixed model with deep features. , 2016, , .		2
39	Speech Emotion Recognition with Hybrid Neural Network. , 2019, , .		2
40	Micro-expression recognition with attention mechanism and region enhancement. Multimedia Systems, 0, , .	4.7	2
41	Information-Enhanced Hierarchical Self-Attention Network for Multiturn Dialog Generation. IEEE Transactions on Computational Social Systems, 2023, 10, 2686-2697.	4.4	1
42	Estimation of earnings manipulation in U.S. listed companies based on weighted discriminative model. , 2012, , .		0
43	Sina microblog big data grabbing and analysis based on Multi-strategy model. , 2014, , .		0
44	Acquisition and clustering for affective semantic lexicon from web. , 2017, , .		0
45	Cycle-Consistent Adversarial Network for Facial Local-Region Exchange in Wild. , 2019, , .		0
46	Answer-Centric Local and Global Information Fusion for Conversational Question Generation. , 2021, , .		0