Liang-Chih Yu

List of Publications by Year
in descending order

45 papers	1,052 citations
45 all docs	45 docs citations

471061
17
h-index

454577
30
g-index

45 times ranked	850 citing authors

#	Article	IF	Citations
1	Refining Word Embeddings Using Intensity Scores for Sentiment Analysis. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 671-681.	4.0	116
2	Using a contextual entropy model to expand emotion words and their intensity for the sentiment classification of stock market news. Knowledge-Based Systems, 2013, 41, 89-97.	4.0	109
3	Who will pass? Analyzing learner behaviors in MOOCs. Research and Practice in Technology Enhanced Learning, 2016, 11, 8.	1.9	82
4	Tree-Structured Regional CNN-LSTM Model for Dimensional Sentiment Analysis. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 581-591.	4.0	71
5	Building Chinese Affective Resources in Valence-Arousal Dimensions. , 2016, , .		70
6	Improving early prediction of academic failure using sentiment analysis on self€evaluated comments. Journal of Computer Assisted Learning, 2018, 34, 358-365.	3.3	62
7	Development of a cloud-based service framework for energy conservation in a sustainable intelligent transportation system. International Journal of Production Economics, 2015, 164, 454-461.	5.1	60
8	Grid-Based Crime Prediction Using Geographical Features. ISPRS International Journal of Geo-Information, 2018, 7, 298.	1.4	57
9	Using Machine Learning to Assist Crime Prevention. , 2017, , .		38
10	Community-Based Weighted Graph Model for Valence-Arousal Prediction of Affective Words. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 1957-1968.	4.0	35
11	An intelligent stock trading system using comprehensive features. Applied Soft Computing Journal, 2014, 23, 39-50.	4.1	33
12	Psychiatric document retrieval using a discourse-aware model. Artificial Intelligence, 2009, 173, 817-829.	3.9	27
13	Identifying Emotion Labels From Psychiatric Social Texts Using a Bi-Directional LSTM-CNN Model. IEEE Access, 2020, 8, 66638-66646.	2.6	27
14	Sentence Correction Incorporating Relative Position and Parse Template Language Models. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 1170-1181.	3.8	25
15	Open Student Models of Core Competencies at the Curriculum Level: Using Learning Analytics for Student Reflection. IEEE Transactions on Emerging Topics in Computing, 2017, 5, 32-44.	3.2	25
16	Contextual sentiment embeddings via bi-directional GRU language model. Knowledge-Based Systems, 2022, 235, 107663.	4.0	21
17	Using Semantic Dependencies to Mine Depressive Symptoms from Consultation Records. IEEE Intelligent Systems, 2005, 20, 50-58.	4.0	19
18	Mining association language patterns using a distributional semantic model for negative life event classification. Journal of Biomedical Informatics, 2011, 44, 509-518.	2.5	19

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19	Locally weighted linear regression for cross-lingual valence-arousal prediction of affective words. Neurocomputing, 2016, 194, 271-278.	3.5	18
20	Detecting causality from online psychiatric texts using inter-sentential language patterns. BMC Medical Informatics and Decision Making, 2012, 12, 72.	1.5	13
21	A multi-dimensional relation model for dimensional sentiment analysis. Information Sciences, 2021, 579, 832-844.	4.0	13
22	Psychiatric Consultation Record Retrieval Using Scenario-Based Representation and Multilevel Mixture Model. IEEE Transactions on Information Technology in Biomedicine, 2007, 11, 415-427.	3.6	12
23	Annotation and verification of sense pools in OntoNotes. Information Processing and Management, 2010, 46, 436-447.	5.4	12
24	Independent component analysis for near-synonym choice. Decision Support Systems, 2013, 55, 146-155.	3.5	12
25	Agent-based fuzzy constraint-directed negotiation for service level agreements in cloud computing. Cluster Computing, 2018, 21, 1349-1363.	3.5	12
26	Pipelined Neural Networks for Phrase-Level Sentiment Intensity Prediction. IEEE Transactions on Affective Computing, 2020, 11, 447-458.	5.7	10
27	HAL-Based Evolutionary Inference for Pattern Induction From Psychiatry Web Resources. IEEE Transactions on Evolutionary Computation, 2008, 12, 160-170.	7.5	8
28	Chinese EmoBank: Building Valence-Arousal Resources for Dimensional Sentiment Analysis. ACM Transactions on Asian and Low-Resource Language Information Processing, 2022, 21, 1-18.	1.3	8
29	Identification of Code-Switched Sentences and Words Using Language Modeling Approaches. Mathematical Problems in Engineering, 2013, 2013, 1-7.	0.6	7
30	Near-synonym substitution using a discriminative vector space model. Knowledge-Based Systems, 2016, 106, 74-84.	4.0	5
31	Explainable detection of adverse drug reaction with imbalanced data distribution. PLoS Computational Biology, 2022, 18, e1010144.	1.5	5
32	Emotion classification by removal of the overlap from incremental association language features. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2011, 34, 947-955.	0.6	4
33	OntoNotes. , 2008, , .		4
34	Extended probabilistic HAL with close temporal association for psychiatric query document retrieval. ACM Transactions on Information Systems, 2008, 27, 1-30.	3.8	3
35	A locally weighted method to improve linear regression for lexical-based valence-arousal prediction. , 2015, , .		2
36	Overview of the IALP 2016 shared task on Dimensional Sentiment Analysis for Chinese Words. , 2016, , .		2

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37	Learning analytics on graduates' academic records to reflect on a competency‐based curriculum. Computer Applications in Engineering Education, 2018, 26, 2168-2182.	2.2	2
38	The NTNU-YZU System in the AESW Shared Task: Automated Evaluation of Scientific Writing Using a Convolutional Neural Network. , 2016, , .		2
39	Using an analogical reasoning framework to infer language patterns for negative life events. BMC Medical Informatics and Decision Making, 2019, 19, 173.	1.5	1
40	Ensemble Multi-Channel Neural Networks for Scientific Language Editing Evaluation. IEEE Access, 2021, 9, 158540-158547.	2.6	1
41	Evaluation on text categorization for mathematics application questions. , 2013, , .		0
42	Valence-arousal analysis for mental-health document retrieval. , 2017, , .		0
43	A Multi-Function MSN Robot for Campus Information Seeking. Advanced Science Letters, 2012, 9, 828-832.	0.2	0
44	A Cloud-Based Chinese Web 5-Gram Query System. Lecture Notes in Electrical Engineering, 2014, , 399-404.	0.3	0
45	Context Analysis for Computer-Assisted Near-Synonym Learning. Chinese Language Learning Sciences, 2019, , 121-143.	0.3	0