

Liang-Chih Yu

List of Publications by Year in descending order

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45
papers

1,052
citations

471509

17
h-index

454955

30
g-index

45
all docs

45
docs citations

45
times ranked

850
citing authors

#	ARTICLE	IF	CITATIONS
1	Contextual sentiment embeddings via bi-directional GRU language model. Knowledge-Based Systems, 2022, 235, 107663.	7.1	21
2	Chinese EmoBank: Building Valence-Arousal Resources for Dimensional Sentiment Analysis. ACM Transactions on Asian and Low-Resource Language Information Processing, 2022, 21, 1-18.	2.0	8
3	Explainable detection of adverse drug reaction with imbalanced data distribution. PLoS Computational Biology, 2022, 18, e1010144.	3.2	5
4	A multi-dimensional relation model for dimensional sentiment analysis. Information Sciences, 2021, 579, 832-844.	6.9	13
5	Ensemble Multi-Channel Neural Networks for Scientific Language Editing Evaluation. IEEE Access, 2021, 9, 158540-158547.	4.2	1
6	Pipelined Neural Networks for Phrase-Level Sentiment Intensity Prediction. IEEE Transactions on Affective Computing, 2020, 11, 447-458.	8.3	10
7	Identifying Emotion Labels From Psychiatric Social Texts Using a Bi-Directional LSTM-CNN Model. IEEE Access, 2020, 8, 66638-66646.	4.2	27
8	Tree-Structured Regional CNN-LSTM Model for Dimensional Sentiment Analysis. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 581-591.	5.8	71
9	Using an analogical reasoning framework to infer language patterns for negative life events. BMC Medical Informatics and Decision Making, 2019, 19, 173.	3.0	1
10	Context Analysis for Computer-Assisted Near-Synonym Learning. Chinese Language Learning Sciences, 2019, , 121-143.	0.3	0
11	Improving early prediction of academic failure using sentiment analysis on self-evaluated comments. Journal of Computer Assisted Learning, 2018, 34, 358-365.	5.1	62
12	Refining Word Embeddings Using Intensity Scores for Sentiment Analysis. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 671-681.	5.8	116
13	Agent-based fuzzy constraint-directed negotiation for service level agreements in cloud computing. Cluster Computing, 2018, 21, 1349-1363.	5.0	12
14	Grid-Based Crime Prediction Using Geographical Features. ISPRS International Journal of Geo-Information, 2018, 7, 298.	2.9	57
15	Learning analytics on graduates' academic records to reflect on a competency-based curriculum. Computer Applications in Engineering Education, 2018, 26, 2168-2182.	3.4	2
16	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.	4.6	25
17	Valence-arousal analysis for mental-health document retrieval. , 2017, , .		0
18	Using Machine Learning to Assist Crime Prevention. , 2017, , .		38

#	ARTICLE	IF	CITATIONS
19	Overview of the IALP 2016 shared task on Dimensional Sentiment Analysis for Chinese Words. , 2016, , .		2
20	Who will pass? Analyzing learner behaviors in MOOCs. Research and Practice in Technology Enhanced Learning, 2016, 11, 8.	3.2	82
21	Near-synonym substitution using a discriminative vector space model. Knowledge-Based Systems, 2016, 106, 74-84.	7.1	5
22	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.	5.8	35
23	Locally weighted linear regression for cross-lingual valence-arousal prediction of affective words. Neurocomputing, 2016, 194, 271-278.	5.9	18
24	Building Chinese Affective Resources in Valence-Arousal Dimensions. , 2016, , .		70
25	The NTNU-YZU System in the AESW Shared Task: Automated Evaluation of Scientific Writing Using a Convolutional Neural Network. , 2016, , .		2
26	A locally weighted method to improve linear regression for lexical-based valence-arousal prediction. , 2015, , .		2
27	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.	8.9	60
28	An intelligent stock trading system using comprehensive features. Applied Soft Computing Journal, 2014, 23, 39-50.	7.2	33
29	A Cloud-Based Chinese Web 5-Gram Query System. Lecture Notes in Electrical Engineering, 2014, , 399-404.	0.4	0
30	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.	7.1	109
31	Independent component analysis for near-synonym choice. Decision Support Systems, 2013, 55, 146-155.	5.9	12
32	Identification of Code-Switched Sentences and Words Using Language Modeling Approaches. Mathematical Problems in Engineering, 2013, 2013, 1-7.	1.1	7
33	Evaluation on text categorization for mathematics application questions. , 2013, , .		0
34	Detecting causality from online psychiatric texts using inter-sentential language patterns. BMC Medical Informatics and Decision Making, 2012, 12, 72.	3.0	13
35	A Multi-Function MSN Robot for Campus Information Seeking. Advanced Science Letters, 2012, 9, 828-832.	0.2	0
36	Mining association language patterns using a distributional semantic model for negative life event classification. Journal of Biomedical Informatics, 2011, 44, 509-518.	4.3	19

#	ARTICLE	IF	CITATIONS
37	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 Hsueh K'an, 2011, 34, 947-955.	1.1	4
38	Sentence Correction Incorporating Relative Position and Parse Template Language Models. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 1170-1181.	3.2	25
39	Annotation and verification of sense pools in OntoNotes. Information Processing and Management, 2010, 46, 436-447.	8.6	12
40	Psychiatric document retrieval using a discourse-aware model. Artificial Intelligence, 2009, 173, 817-829.	5.8	27
41	HAL-Based Evolutionary Inference for Pattern Induction From Psychiatry Web Resources. IEEE Transactions on Evolutionary Computation, 2008, 12, 160-170.	10.0	8
42	Extended probabilistic HAL with close temporal association for psychiatric query document retrieval. ACM Transactions on Information Systems, 2008, 27, 1-30.	4.9	3
43	OntoNotes. , 2008, , .		4
44	Psychiatric Consultation Record Retrieval Using Scenario-Based Representation and Multilevel Mixture Model. IEEE Transactions on Information Technology in Biomedicine, 2007, 11, 415-427.	3.2	12
45	Using Semantic Dependencies to Mine Depressive Symptoms from Consultation Records. IEEE Intelligent Systems, 2005, 20, 50-58.	4.0	19