Kam-Fai Wong

List of Publications by Year
in descending order

119 papers	2,679 citations	489802 18 h-index	651938 25 g-index
126 all docs	126 docs citations	126 times ranked	1541 citing authors

#	Article	IF	Citations
1	Improving Rumor Detection by Promoting Information Campaigns With Transformer-Based Generative Adversarial Learning. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 2657-2670.	4.0	5
2	Modeling Global and Local Interactions for Online Conversation Recommendation. ACM Transactions on Information Systems, 2022, 40, 1-33.	3.8	4
3	Integrating Pretrained Language Model for Dialogue Policy Evaluation. , 2022, , .		0
4	An Attention-based Rumor Detection Model with Tree-structured Recursive Neural Networks. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-28.	2.9	31
5	Detect Rumors on Twitter by Promoting Information Campaigns with Generative Adversarial Learning. , 2019, , .		110
6	An Environment-Aware Market Strategy for Data Allocation and Dynamic Migration in Cloud Database. , 2019, , .		1
7	Rumor Detection with Hierarchical Recurrent Convolutional Neural Network. Lecture Notes in Computer Science, 2019, , 338-348.	1.0	11
8	Building Personalized Simulator for Interactive Search. , 2019, , .		2
9	A Tensor Factorization Based User Influence Analysis Method with Clustering and Temporal Constraint. Lecture Notes in Computer Science, 2018, , 877-886.	1.0	1
10	Product recommendation algorithms in the age of omnichannel retailing â€" An intuitive clustering approach. Computers and Industrial Engineering, 2018, 115, 459-470.	3.4	21
11	Adversarial Advantage Actor-Critic Model for Task-Completion Dialogue Policy Learning. , 2018, , .		38
12	A Joint Model of Conversational Discourse and Latent Topics on Microblogs. Computational Linguistics, 2018, 44, 719-754.	2.5	13
13	Convolution-based Memory Network for Aspect-based Sentiment Analysis. , 2018, , .		39
14	Detect Rumor and Stance Jointly by Neural Multi-task Learning. , 2018, , .		122
15	Microblog Conversation Recommendation via Joint Modeling of Topics and Discourse. , 2018, , .		23
16	Rumor Detection on Twitter with Tree-structured Recursive Neural Networks. , 2018, , .		296
17	Deep Dyna-Q: Integrating Planning for Task-Completion Dialogue Policy Learning. , 2018, , .		73
18	Microblog Search and Filtering with Real-Time Dynamics Based on BM25. , 2017, , 19-30.		0

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19	Exploring Tweets Normalization and Query Time Sensitivity for Twitter Search. , 2017, , 31-44.		1
20	Detect Rumors Using Time Series of Social Context Information on Microblogging. , 2017, , 67-77.		4
21	An Empirical Study on Uncertainty Identification in Social Media Context. , 2017, , 79-88.		6
22	A Unified Graph Model for Sentence-Based Opinion Retrieval. , 2017, , 111-128.		20
23	Personalized Sentiment Classification Based on Latent Individuality of Microblog Users. , 2017, , 197-214.		4
24	Using Content-Level Structures for Summarizing Microblog Repost Trees. , 2017, , 255-275.		0
25	Topic Extraction from Microblog Posts Using Conversation Structures. , 2017, , 419-437.		0
26	Exploiting Community Emotion for Microblog Event Detection. , 2017, , 439-456.		4
27	Composite Task-Completion Dialogue Policy Learning via Hierarchical Deep Reinforcement Learning. , 2017, , .		79
28	Detect Rumors in Microblog Posts Using Propagation Structure via Kernel Learning. , 2017, , .		287
29	Recommendation vs Sentiment Analysis: A Text-Driven Latent Factor Model for Rating Prediction with Cold-Start Awareness. , 2017, , .		18
30	May I take your order? A Neural Model for Extracting Structured Information from Conversations. , 2017, , .		0
31	Ranking Model Selection and Fusion for Effective Microblog Search. , 2017, , 3-18.		0
32	Overview of the IALP 2016 shared task on Dimensional Sentiment Analysis for Chinese Words. , 2016, , .		2
33	Topic Extraction from Microblog Posts Using Conversation Structures. , 2016, , .		21
34	Cross lingual opinion holder extraction based on multi-kernel SVMs and transfer learning. World Wide Web, 2015, 18, 299-316.	2.7	20
35	Trending Sentiment-Topic Detection on Twitter. Lecture Notes in Computer Science, 2015, , 66-77.	1.0	10
36	Recurrent Neural Networks with External Memory for Spoken Language Understanding. Lecture Notes in Computer Science, 2015, , 25-35.	1.0	44

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37	Learning to Rank Microblog Posts for Real-Time Ad-Hoc Search. Lecture Notes in Computer Science, 2015, , 436-443.	1.0	3
38	Detect Rumors Using Time Series of Social Context Information on Microblogging Websites. , 2015, , .		387
39	Using Content-level Structures for Summarizing Microblog Repost Trees. , 2015, , .		15
40	Ranking model selection and fusion for effective microblog search. , 2014, , .		6
41	CLUSM: An Unsupervised Model for Microblog Sentiment Analysis Incorporating Link Information. Lecture Notes in Computer Science, 2014, , 481-494.	1.0	6
42	Exploiting Community Emotion for Microblog Event Detection. , 2014, , .		18
43	A link-bridged topic model for cross-domain document classification. Information Processing and Management, 2013, 49, 1181-1193.	5.4	18
44	Mainstream media behavior analysis on Twitter. , 2013, , .		4
45	Dynamic joint sentiment-topic model. ACM Transactions on Intelligent Systems and Technology, 2013, 5, 1-21.	2.9	36
46	A Mixed Model for Cross Lingual Opinion Analysis. Communications in Computer and Information Science, 2013, , 93-104.	0.4	8
47	Pests Hidden in Your Fans: An Effective Approach for Opinion Leader Discovery. Lecture Notes in Computer Science, 2013, , 227-237.	1.0	0
48	An improved branch-and-bound clustering approach for data partitioning. International Transactions in Operational Research, 2011, 18, 231-255.	1.8	2
49	Extracting common emotions from blogs based on fine-grained sentiment clustering. Knowledge and Information Systems, 2011, 27, 281-302.	2.1	33
50	Relevant knowledge helps in choosing right teacher. , 2011, , .		15
51	An Effective Approach for Topic-Specific Opinion Summarization. Lecture Notes in Computer Science, 2011, , 398-409.	1.0	0
52	Weight-Based Boosting Model for Cross-Domain Relevance Ranking Adaptation. Lecture Notes in Computer Science, 2011, , 562-567.	1.0	0
53	Exploiting query logs for cross-lingual query suggestions. ACM Transactions on Information Systems, 2010, 28, 1-33.	3.8	26
54	Learning to rank only using training data from related domain. , 2010, , .		24

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55	Summarizing and Extracting Online Public Opinion from Blog Search Results. Lecture Notes in Computer Science, 2010, , 476-490.	1.0	1
56	An efficient approach for sentence-based opinion retrieval. , 2010, , .		4
57	A Chinese Sentence Compression Method for Opinion Mining. Lecture Notes in Computer Science, 2010, , 320-329.	1.0	2
58	Introduction to Chinese Natural Language Processing. Synthesis Lectures on Human Language Technologies, 2009, 2, 1-148.	2.3	18
59	Opinion Target Network and Bootstrapping Method for Chinese Opinion Target Extraction. Lecture Notes in Computer Science, 2009, , 339-350.	1.0	3
60	Normalization of Chinese chat language. Computers and the Humanities, 2008, 42, 219-242.	1.4	8
61	Multiple Materialized View Selection for XPath Query Rewriting. , 2008, , .		36
62	Learning Knowledge from Relevant Webpage for Opinion Analysis. , 2008, , .		15
63	Hierarchical Indexing Approach to Support XPath Queries. , 2008, , .		1
64	Sentiment vector space model for lyric-based song sentiment classification. , 2008, , .		20
65	Extractive summarization using supervised and semi-supervised learning. , 2008, , .		110
66	Learning MultiLinguistic Knowledge for Opinion Analysis. Lecture Notes in Computer Science, 2008, , 993-1000.	1.0	0
67	Cross-lingual query suggestion using query logs of different languages. , 2007, , .		42
68	Exploiting Surface, Content and Relevance Features for Learning-Based Extractive Summarization. , 2007, , .		1
69	Classification-based Chinese Collocation Extraction. , 2007, , .		4
70	The Unified Collocation Framework for Opinion Mining. , 2007, , .		11
71	An intelligent information agent for document title classification and filtering in document-intensive domains. Decision Support Systems, 2007, 44, 251-265.	3.5	21
72	Event-Based Summarization Using Time Features. Lecture Notes in Computer Science, 2007, , 563-574.	1.0	3

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73	Annotating Chinese collocations with multi information. , 2007, , .		0
74	Building Document Graphs for Multiple News Articles Summarization: An Event-Based Approach. Lecture Notes in Computer Science, 2006, , 181-188.	1.0	3
75	Answering XML Queries Using Path-Based Indexes: A Survey. World Wide Web, 2006, 9, 277-299.	2.7	14
76	A phonetic-based approach to Chinese chat text normalization. , 2006, , .		16
77	Experimental Studies Using Statistical Algorithms on Transliterating Phoneme Sequences for Englishâ€"Chinese Name Translation. International Journal of Computer Processing of Languages, 2006, 19, 63-88.	0.3	2
78	Fast Structural Join with a Location Function. Lecture Notes in Computer Science, 2006, , 777-786.	1.0	3
79	Natural Document Clustering by Clique Percolation in Random Graphs. Lecture Notes in Computer Science, 2006, , 119-131.	1.0	3
80	Clique Percolation Method for Finding Naturally Cohesive and Overlapping Document Clusters. Lecture Notes in Computer Science, 2006, , 97-108.	1.0	7
81	Binarization Approaches to Email Categorization. Lecture Notes in Computer Science, 2006, , 474-481.	1.0	6
82	An Improved Method for Finding Bilingual Collocation Correspondences from Monolingual Corpora. Lecture Notes in Computer Science, 2006, , 51-62.	1.0	0
83	Phoneme-Based Transliteration of Foreign Names for OOV Problem. Lecture Notes in Computer Science, 2005, , 110-119.	1.0	29
84	Improving Transliteration with Precise Alignment of Phoneme Chunks and Using Contextual Features. Lecture Notes in Computer Science, 2005, , 106-117.	1.0	6
85	A Generic Environment for COTS Testing and Quality Prediction. , 2005, , 315-347.		3
86	An Overview of Temporal Information Extraction. International Journal of Computer Processing of Languages, 2005, 18, 137-152.	0.3	20
87	Improving Text Similarity Measurement by Critical Sentence Vector Model. Lecture Notes in Computer Science, 2005, , 522-527.	1.0	2
88	A Preliminary Work on Classifying Time Granularities of Temporal Questions. Lecture Notes in Computer Science, 2005, , 414-425.	1.0	0
89	FACOPT: a user friendly FACility layout OPTimization system. Computers and Operations Research, 2003, 30, 1625-1641.	2.4	51
90	THE DESIGN OF A STATISTICAL ALGORITHM FOR RESOLVING STRUCTURAL AMBIGUITY IN "V NP1 usde NP0". Computational Intelligence, 2003, 19, 64-85.	2.1	1

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91	A Design of Temporal Event Extraction from Chinese Financial News. International Journal of Computer Processing of Languages, 2003, 16, 21-39.	0.3	7
92	COMPONENT-BASED EMBEDDED SOFTWARE ENGINEERING: DEVELOPMENT FRAMEWORK, QUALITY ASSURANCE AND A GENERIC ASSESSMENT ENVIRONMENT. International Journal of Software Engineering and Knowledge Engineering, 2002, 12, 107-133.	0.6	6
93	A word-based approach for modeling and discovering temporal relations embedded in Chinese sentences. ACM Transactions on Asian Language Information Processing, 2002, 1, 173-206.	0.8	8
94	A Chinese dictionary construction algorithm for information retrieval. ACM Transactions on Asian Language Information Processing, 2002, 1, 281-296.	0.8	23
95	A genetic algorithm-based clustering approach for database partitioning. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2002, 32, 215-230.	3.3	73
96	Chinese document indexing based on a new partitioned signature file: Model and evaluation. Journal of the Association for Information Science and Technology, 2001, 52, 584-597.	2.6	1
97	Toward automatic Chinese temporal information extraction. Journal of the Association for Information Science and Technology, 2001, 52, 748-762.	2.6	11
98	Labor shortfall in Hong Kong's IT industry. Communications of the ACM, 2001, 44, 65-66.	3.3	2
99	Application of aboutness to functional benchmarking in information retrieval. ACM Transactions on Information Systems, 2001, 19, 337-370.	3.8	19
100	Chinese document indexing based on a new partitioned signature file: Model and evaluation. , 2001, 52, 584.		1
101	SWAM â€" a structured WWW access model. Information and Management, 2000, 37, 51-65.	3.6	2
102	Approximate Graph Schema Extraction for Semi-structured Data. Lecture Notes in Computer Science, 2000, , 302-316.	1.0	26
103	Fundamental properties of aboutness (poster abstract). , 1999, , .		3
104	KPS: a Web information mining algorithm. Computer Networks, 1999, 31, 1495-1507.	3.2	18
105	A study on word-based and integral-bit Chinese text compression algorithms. Journal of the Association for Information Science and Technology, 1999, 50, 218-228.	1.2	23
106	Chiconâ€"a Chinese text manipulation language. Software - Practice and Experience, 1998, 28, 681-701.	2.5	3
107	The processing and improvement of multi-statement queries in Chiql. Journal of Computer Science and Technology, 1998, 13, 161-173.	0.9	1
108	Performance evaluation of three logging schemes for a shared-nothing database server. Simulation Modelling Practice and Theory, 1998, 6, 337-368.	0.4	0

#	ARTICLE	IF	CITATIONS
109	Extending the superimposed codeword indexing scheme to handle incomplete information. Knowledge-Based Systems, 1998, 11, 179-189.	4.0	2
110	Supporting thousands of threads using a hybrid stack sharing scheme. , 1994, , .		2
111	Index matching hardware for selective clause retrieval in large Prolog knowledge bases. Computing & Control Engineering Journal, 1993, 4, 69.	0.0	0
112	The application development environment of the DECmpp 12000 massively parallel computer—an introduction. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1993, 1, 24-30.	0.5	0
113	CLARE---a Prolog database machine. , 1990, , .		1
114	Comments on "a comparison of concatenated and superimposed code word surrogate files for very large data/knowledge bases" Information Processing Letters, 1989, 33, 45-52.	0.4	2
115	A Chinese query language Chiql: design and evaluation. , 0, , .		0
116	Component-based software engineering: technologies, development frameworks, and quality assurance schemes. , 0, , .		43
117	Back to the future: a logical framework for temporal information representation and inferencing from financial news. , 0, , .		2
118	WIN: An E.cient Data Placement Strategy for Parallel XML Databases. , 0, , .		8
119	A Framework for Modeling and Representing Temporal Discourse Structure. , 0, , .		2