

Mark J Carman

List of Publications by Year in descending order

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59
papers

1,372
citations

759233

12
h-index

580821

25
g-index

67
all docs

67
docs citations

67
times ranked

937
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Sarcasm Detection. ACM Computing Surveys, 2018, 50, 1-22.	23.0	209
2	Density-ratio based clustering for discovering clusters with varying densities. Pattern Recognition, 2016, 60, 983-997.	8.1	109
3	Are Word Embedding-based Features Useful for Sarcasm Detection?. , 2016, , .		102
4	Your Sentiment Precedes You: Using an author's historical tweets to predict sarcasm. , 2015, , .		65
5	Building user profiles from topic models for personalised search. , 2013, , .		64
6	SIR-Hawkes. , 2018, , .		53
7	Towards query log based personalization using topic models. , 2010, , .		52
8	Towards an Economy-Based Optimisation of File Access and Replication on a Data Grid. , 0, , .		47
9	Criminal motivation on the dark web: A categorisation model for law enforcement. Digital Investigation, 2018, 24, 62-71.	3.2	46
10	Overcoming Key Weaknesses of Distance-based Neighbourhood Methods using a Data Dependent Dissimilarity Measure. , 2016, , .		40
11	Proximity-based opinion retrieval. , 2010, , .		39
12	Harnessing Sequence Labeling for Sarcasm Detection in Dialogue from TV Series 'Friends'. , 2016, , .		37
13	A Request Language for Web-Services Based on Planning and Constraint Satisfaction. Lecture Notes in Computer Science, 2002, , 76-85.	1.3	36
14	Bayesian latent variable models for collaborative item rating prediction. , 2011, , .		30
15	A statistical comparison of tag and query logs. , 2009, , .		26
16	Comparing Pointwise and Listwise Objective Functions for Random-Forest-Based Learning-to-Rank. ACM Transactions on Information Systems, 2016, 34, 1-38.	4.9	25
17	Tag data and personalized information retrieval. , 2008, , .		21
18	Efficient parameter learning of Bayesian network classifiers. Machine Learning, 2017, 106, 1289-1329.	5.4	19

#	ARTICLE	IF	CITATIONS
19	A technical survey on statistical modelling and design methods for crowdsourcing quality control. <i>Artificial Intelligence</i> , 2020, 287, 103351.	5.8	18
20	Learning Semantic Definitions of Online Information Sources. <i>Journal of Artificial Intelligence Research</i> , 0, 30, 1-50.	7.0	18
21	Aggregation Methods for Proximity-Based Opinion Retrieval. <i>ACM Transactions on Information Systems</i> , 2012, 30, 1-36.	4.9	17
22	Tripartite Hidden Topic Models for Personalised Tag Suggestion. <i>Lecture Notes in Computer Science</i> , 2010, , 432-443.	1.3	17
23	Laying foundations for effective machine learning in law enforcement. Majura â€“ A labelling schema for child exploitation materials. <i>Digital Investigation</i> , 2018, 26, 40-54.	3.2	15
24	How Do Cultural Differences Impact the Quality of Sarcasm Annotation?: A Case Study of Indian Annotators and American Text. , 2016, , .		15
25	Improving social bookmark search using personalised latent variable language models. , 2011, , .		14
26	Grouping points by shared subspaces for effective subspace clustering. <i>Pattern Recognition</i> , 2018, 83, 230-244.	8.1	14
27	Investigating Learning Approaches for Blog Post Opinion Retrieval. <i>Lecture Notes in Computer Science</i> , 2009, , 313-324.	1.3	14
28	Naive-Bayes Inspired Effective Pre-Conditioner for Speeding-Up Logistic Regression. , 2014, , .		13
29	Multi-domain evaluation framework for named entity recognition tools. <i>Computer Speech and Language</i> , 2017, 43, 34-55.	4.3	12
30	Error Detection and Corrections in Indic OCR Using LSTMs. , 2017, , .		12
31	Investigating Deep Learning Based Breast Cancer Subtyping Using Pan-Cancer and Multi-Omic Data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2022, 19, 121-134.	3.0	12
32	Tag navigation. , 2009, , .		11
33	ALR n : accelerated higher-order logistic regression. <i>Machine Learning</i> , 2016, 104, 151-194.	5.4	10
34	Lowest probability mass neighbour algorithms: relaxing the metric constraint in distance-based neighbourhood algorithms. <i>Machine Learning</i> , 2019, 108, 331-376.	5.4	10
35	CDF Transform-and-Shift: An effective way to deal with datasets of inhomogeneous cluster densities. <i>Pattern Recognition</i> , 2021, 117, 107977.	8.1	10
36	Expect the Unexpected: Harnessing Sentence Completion for Sarcasm Detection. <i>Communications in Computer and Information Science</i> , 2018, , 275-287.	0.5	10

#	ARTICLE	IF	CITATIONS
37	Statistics of Online User-Generated Short Documents. Lecture Notes in Computer Science, 2010, , 649-652.	1.3	9
38	Monte-Carlo Filesystem Search – A crawl strategy for digital forensics. Digital Investigation, 2015, 13, 58-71.	3.2	8
39	OCR On-the-Go: Robust End-to-End Systems for Reading License Plates & Street Signs. , 2019, , .		8
40	A multi-collection latent topic model for federated search. Information Retrieval, 2011, 14, 390-412.	2.0	6
41	Undersampling Techniques to Re-balance Training Data for Large Scale Learning-to-Rank. Lecture Notes in Computer Science, 2014, , 444-457.	1.3	6
42	Blog distillation using random walks. , 2009, , .		6
43	Ranking social bookmarks using topic models. , 2010, , .		5
44	Self-labeling methods for unsupervised transfer ranking. Information Sciences, 2020, 516, 293-315.	6.9	5
45	A Computational Approach to Automatic Prediction of Drunk-Texting. , 2015, , .		5
46	Planning for web services the hard way. , 0, , .		4
47	A Framework for Document Specific Error Detection and Corrections in Indic OCR. , 2017, , .		4
48	Sub-Word Embeddings for OCR Corrections in Highly Fusional Indic Languages. , 2019, , .		3
49	Comparing Tweets and Tags for URLs. Lecture Notes in Computer Science, 2012, , 73-84.	1.3	3
50	On the Effectiveness of Query Weighting for Adapting Rank Learners to New Unlabelled Collections. , 2016, , .		3
51	Towards personalized distributed information retrieval. , 2008, , .		2
52	Employing document dependency in blog search. Journal of the Association for Information Science and Technology, 2012, 63, 354-365.	2.6	2
53	Understanding the Phenomenon of Sarcasm. Cognitive Systems Monographs, 2018, , 33-57.	0.1	2
54	Beyond Clustering. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
55	Exploiting Data Semantics to Discover, Extract, and Model Web Sources. , 2008, , .		1
56	Sarcasm Detection Using Incongruity Within Target Text. Cognitive Systems Monographs, 2018, , 59-91.	0.1	1
57	Efficient Benchmarking of NLP APIs using Multi-armed Bandits. , 2017, , .		1
58	Towards Risk-Aware Resource Selection. Lecture Notes in Computer Science, 2014, , 148-159.	1.3	0
59	Sarcasm Generation. Cognitive Systems Monographs, 2018, , 119-127.	0.1	0