

Brian D Davison

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93
papers

2,406
citations

24
h-index

47
g-index

114
ext. papers

2,946
ext. citations

3.1
avg, IF

5.67
L-index

#	Paper	IF	Citations
93	Empirical study of topic modeling in Twitter 2010 ,		493
92	Predicting popular messages in Twitter 2011 ,		278
91	Web page classification. <i>ACM Computing Surveys</i> , 2009 , 41, 1-31	13.4	220
90	Topical locality in the Web 2000 ,		117
89	Identifying link farm spam pages 2005 ,		110
88	Co-factorization machines 2013 ,		94
87	Resilience metrics and measurement methods for transportation infrastructure: the state of the art. <i>Sustainable and Resilient Infrastructure</i> , 2020 , 5, 168-199	3.3	73
86	Topical TrustRank 2006 ,		69
85	Topical link analysis for web search 2006 ,		57
84	Applications of artificial intelligence for disaster management. <i>Natural Hazards</i> , 2020 , 103, 2631-2689	3	45
83	Adversarial Web Search. <i>Foundations and Trends in Information Retrieval</i> , 2010 , 4, 377-486	9.3	45
82	Learning to personalize. <i>Communications of the ACM</i> , 2000 , 43, 102-106	2.5	44
81	Predicting web actions from HTML content 2002 ,		39
80	Learning to rank for freshness and relevance 2011 ,		36
79	Structural link analysis and prediction in microblogs 2011 ,		35
78	A classification-based approach to question answering in discussion boards 2009 ,		35
77	Learning to rank social update streams 2012 ,		34

76	Knowing a web page by the company it keeps 2006 ,		33
75	Freshness matters 2010 ,		30
74	Detecting semantic cloaking on the web 2006 ,		29
73	Tracking trends 2011 ,		27
72	Looking into the past to better classify web spam 2009 ,		25
71	A probabilistic model for personalized tag prediction 2010 ,		24
70	Venue Recommendation: Submitting Your Paper with Style 2012 ,		24
69	Learning Web Request Patterns 2004 , 435-459		20
68	Link formation analysis in microblogs 2011 ,		18
67	Performance comparison of different multicast routing strategies in disruption tolerant networks. <i>Computer Communications</i> , 2009 , 32, 1731-1741	5.1	18
66	Learning Word Embeddings with Chi-Square Weights for Healthcare Tweet Classification. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 846	2.6	17
65	Connecting comments and tags 2013 ,		15
64	Explorations in tag suggestion and query expansion 2008 ,		15
63	Classifiers without borders 2008 ,		15
62	Improving IP Geolocation using Query Logs 2016 ,		14
61	Measuring and Predicting Search Engine Users Satisfaction. <i>ACM Computing Surveys</i> , 2016 , 49, 1-35	13.4	11
60	Generating Schema Labels through Dataset Content Analysis 2018 ,		10
59	Exploiting session-like behaviors in tag prediction 2011 ,		10

58	Measuring similarity to detect qualified links 2007 ,		10
57	Mining Anchor Text Trends for Retrieval. <i>Lecture Notes in Computer Science</i> , 2010 , 127-139	0.9	10
56	Model for Estimating the Impact of Interdependencies on System Recovery. <i>Journal of Infrastructure Systems</i> , 2020 , 26, 04020031	2.9	9
55	2014 ,		9
54	Incorporating Participant Reputation in Community-Driven Question Answering Systems 2009 ,		9
53	Winnowing wheat from the chaff 2007 ,		9
52	Table Search Using a Deep Contextualized Language Model 2020 ,		9
51	Impact of ImageNet Model Selection on Domain Adaptation 2020 ,		8
50	Toward a unification of text and link analysis 2003 ,		8
49	SHIM 2007 ,		7
48	Award prediction with temporal citation network analysis 2011 ,		6
47	Undue influence 2006 ,		6
46	Identification of Critical Values in Latent Semantic Indexing. <i>Studies in Computational Intelligence</i> , 2005 , 333-346	0.8	6
45	Leveraging Schema Labels to Enhance Dataset Search. <i>Lecture Notes in Computer Science</i> , 2020 , 267-280	0.9	6
44	Filtering microblogging messages for social tv 2011 ,		5
43	Hierarchy evolution for improved classification 2011 ,		5
42	Topic-sensitive search engine evaluation. <i>Online Information Review</i> , 2011 , 35, 893-908	2	5
41	Effect of global parallelism on the behavior of a steady state genetic algorithm for design optimization		5

40	Improved Table Retrieval Using Multiple Context Embeddings for Attributes 2019 ,		5
39	Learning class-specific word embeddings. <i>Journal of Supercomputing</i> , 2020 , 76, 8265-8292	2.5	5
38	Domain adaptation for object recognition using subspace sampling demons. <i>Multimedia Tools and Applications</i> , 2021 , 80, 23255-23274	2.5	5
37	Policy-based disaster recovery planning model for interdependent infrastructure systems under uncertainty. <i>Structure and Infrastructure Engineering</i> , 2021 , 17, 555-578	2.9	5
36	Class-Specific Word Embedding through Linear Compositionality 2018 ,		4
35	Academic network analysis 2013 ,		4
34	Exploiting contextual factors for click modeling in sponsored search 2014 ,		4
33	Distinguishing venues by writing styles 2012 ,		4
32	Robust document image understanding technologies 2004 ,		4
31	Review of Web caching and replication by Michael Rabinovich and Oliver Spatscheck. Addison Wesley 2002.. <i>SIGMOD Record</i> , 2003 , 32, 107-108	1.1	4
30	Estimating ad group performance in sponsored search 2014 ,		3
29	An adaptive UNIX command-line assistant 1997 ,		3
28	Separate and unequal 2008 ,		3
27	A cautious surfer for PageRank 2007 ,		3
26	Ranking by community relevance 2007 ,		3
25	Adversarial information retrieval on the web (AIRWeb 2006). <i>ACM SIGIR Forum</i> , 2006 , 40, 27-30	0.9	3
24	Capturing page freshness for web search 2010 ,		2
23	Bridging link and query intent to enhance web search 2011 ,		2

22	Enhancing web search with entity intent 2011 ,		2
21	Writing with Style: Venue Classification 2012 ,		2
20	The potential of the metasearch engine. <i>Proceedings of the American Society for Information Science and Technology</i> , 2005 , 41, 393-402		2
19	Enhanced disruption and fault tolerant network architecture for bundle delivery (EDIFY) 2005 ,		2
18	Overview of Interdependency Models of Critical Infrastructure for Resilience Assessment. <i>Natural Hazards Review</i> , 2022 , 23,	3.5	2
17	Combining agoric and genetic methods in stochastic design. <i>Nanotechnology</i> , 1998 , 9, 274-284	3.4	1
16	Automatic Head Overcoat Thickness Measure with NASNet-Large-Decoder Net. <i>Lecture Notes in Networks and Systems</i> , 2022 , 159-176	0.5	1
15	Neural ranking models for document retrieval. <i>Information Retrieval</i> , 2021 , 24, 400	1.8	1
14	A Hybrid Deep Model for Learning to Rank Data Tables 2020 ,		1
13	Relational Graph Embeddings for Table Retrieval 2020 ,		1
12	IP Geolocation Using Traceroute Location Propagation and IP Range Location Interpolation 2021 ,		1
11	Scholar2vec: Vector Representation of Scholars for Lifetime Collaborator Prediction. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2021 , 15, 1-19	4	1
10	ShapeNet: Age-focused Landmark Shape Prediction with Regressive CNN 2019 ,		1
9	Adversarial Reinforcement Learning for Unsupervised Domain Adaptation 2021 ,		1
8	Quantitative Models for Interdependent Functionality and Recovery of Critical Infrastructure Systems 2022 , 127-229		1
7	IP Geolocation through Reverse DNS. <i>ACM Transactions on Internet Technology</i> , 2022 , 22, 1-29	3.8	0
6	Adversarial Continuous Learning in Unsupervised Domain Adaptation. <i>Lecture Notes in Computer Science</i> , 2021 , 672-687	0.9	0
5	Connecting P2P to the web. <i>Internet Research</i> , 2008 , 18, 336-356	4.8	

4 Next Generation Agility: Smart Business and Smart Communities **2009**, 49-55

3 Mining Neighbors' Proximity to Better Control Authority Flow. *Lecture Notes in Computer Science*, **2010**, 653-657 0.9

2 Adversarial Regression Learning for Bone Age Estimation. *Lecture Notes in Computer Science*, **2021**, 742-754 0.9

1 IP Geolocation through Geographic Clicks. *ACM Transactions on Spatial Algorithms and Systems*, **2022**, 8, 1-22 1.8