Brian D Davison

List of Publications by Citations

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. *ACM Computing Surveys*, **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. *Sustainable and Resilient Infrastructure*, **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. *Natural Hazards*, **2020**, 103, 2631-2689	3	45
83	Adversarial Web Search. *Foundations and Trends in Information Retrieval*, **2010**, 4, 377-486	9.3	45
82	Learning to personalize. *Communications of the ACM*, **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

58	Measuring similarity to detect qualified links **2007**,		10
57	Mining Anchor Text Trends for Retrieval. *Lecture Notes in Computer Science*, **2010**, 127-139	0.9	10
56	Model for Estimating the Impact of Interdependencies on System Recovery. *Journal of Infrastructure Systems*, **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. *Studies in Computational Intelligence*, **2005**, 333-346	0.8	6
45	Leveraging Schema Labels to Enhance Dataset Search. *Lecture Notes in Computer Science*, **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. *Online Information Review*, **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. *Journal of Supercomputing*, **2020**, 76, 8265-8292	2.5	5
38	Domain adaptation for object recognition using subspace sampling demons. *Multimedia Tools and Applications*, **2021**, 80, 23255-23274	2.5	5
37	Policy-based disaster recovery planning model for interdependent infrastructure systems under uncertainty. *Structure and Infrastructure Engineering*, **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.. *SIGMOD Record*, **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 inequal **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). *ACM SIGIR Forum*, **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. *Proceedings of the American Society for Information Science and Technology*, **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. *Natural Hazards Review*, **2022**, 23,	3.5	2
17	Combining agoric and genetic methods in stochastic design. *Nanotechnology*, **1998**, 9, 274-284	3.4	1
16	Automatic Head Overcoat Thickness Measure with NASNet-Large-Decoder Net. *Lecture Notes in Networks and Systems*, **2022**, 159-176	0.5	1
15	Neural ranking models for document retrieval. *Information Retrieval*, **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. *ACM Transactions on Knowledge Discovery From Data*, **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. *ACM Transactions on Internet Technology*, **2022**, 22, 1-29	3.8	0
6	Adversarial Continuous Learning in Unsupervised Domain Adaptation. *Lecture Notes in Computer Science*, **2021**, 672-687	0.9	0
5	Connecting P2P to the web. *Internet Research*, **2008**, 18, 336-356	4.8	

List of Publications

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

3   Mining Neighbors' Topicality 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