

Brian D Davison

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

3,717
citations

949033

11
h-index

563245

28
g-index

114
all docs

114
docs citations

114
times ranked

2890
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of Interdependency Models of Critical Infrastructure for Resilience Assessment. Natural Hazards Review, 2022, 23, .	0.8	14
2	IP Geolocation through Reverse DNS. ACM Transactions on Internet Technology, 2022, 22, 1-29.	3.0	10
3	IP Geolocation through Geographic Clicks. ACM Transactions on Spatial Algorithms and Systems, 2022, 8, 1-22.	1.1	2
4	StruBERT: Structure-aware BERT for Table Search and Matching. , 2022, , .		9
5	Quantitative Models for Interdependent Functionality and Recovery of Critical Infrastructure Systems. , 2022, , 127-229.		2
6	Domain adaptation for object recognition using subspace sampling demons. Multimedia Tools and Applications, 2021, 80, 23255-23274.	2.6	10
7	Adversarial Regression Learning for Bone Age Estimation. Lecture Notes in Computer Science, 2021, , 742-754.	1.0	2
8	Policy-based disaster recovery planning model for interdependent infrastructure systems under uncertainty. Structure and Infrastructure Engineering, 2021, 17, 555-578.	2.0	12
9	IP Geolocation Using Traceroute Location Propagation and IP Range Location Interpolation. , 2021, , .		8
10	Scholar2vec: Vector Representation of Scholars for Lifetime Collaborator Prediction. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-19.	2.5	9
11	Deep Spherical Manifold Gaussian Kernel for Unsupervised Domain Adaptation. , 2021, , .		5
12	Efficient Pre-trained Features and Recurrent Pseudo-Labeling in Unsupervised Domain Adaptation. , 2021, , .		3
13	Correlated Adversarial Joint Discrepancy Adaptation Network. , 2021, , .		0
14	WTR: A Test Collection for Web Table Retrieval. , 2021, , .		3
15	Face Mask Detection on Real-World Webcam Images. , 2021, , .		6
16	Enhanced Separable Disentanglement for Unsupervised Domain Adaptation. , 2021, , .		1
17	Adversarial Continuous Learning in Unsupervised Domain Adaptation. Lecture Notes in Computer Science, 2021, , 672-687.	1.0	3
18	Adversarial Reinforcement Learning for Unsupervised Domain Adaptation. , 2021, , .		7

#	ARTICLE	IF	CITATIONS
19	Neural ranking models for document retrieval. Information Retrieval, 2021, 24, 400-444.	1.6	15
20	MGNETS. , 2021, , .		3
21	Resilience metrics and measurement methods for transportation infrastructure: the state of the art. Sustainable and Resilient Infrastructure, 2020, 5, 168-199.	1.7	148
22	Learning class-specific word embeddings. Journal of Supercomputing, 2020, 76, 8265-8292.	2.4	9
23	Impact of ImageNet Model Selection on Domain Adaptation. , 2020, , .		21
24	Applications of artificial intelligence for disaster management. Natural Hazards, 2020, 103, 2631-2689.	1.6	138
25	Model for Estimating the Impact of Interdependencies on System Recovery. Journal of Infrastructure Systems, 2020, 26, .	1.0	11
26	Leveraging Schema Labels to Enhance Dataset Search. Lecture Notes in Computer Science, 2020, , 267-280.	1.0	11
27	Table Search Using a Deep Contextualized Language Model. , 2020, , .		32
28	A Hybrid Deep Model for Learning to Rank Data Tables. , 2020, , .		6
29	An Exploratory Interface for Dataset Repositories Using Cell-Centric Indexing. , 2020, , .		0
30	Relational Graph Embeddings for Table Retrieval. , 2020, , .		1
31	Improved Table Retrieval Using Multiple Context Embeddings for Attributes. , 2019, , .		12
32	ShapeNet: Age-focused Landmark Shape Prediction with Regressive CNN. , 2019, , .		1
33	Distributed Reverse DNS Geolocation. , 2018, , .		2
34	Generating Schema Labels through Dataset Content Analysis. , 2018, , .		15
35	Class-Specific Word Embedding through Linear Compositionality. , 2018, , .		4
36	Numeric-Attribute-Powered Sentence Embedding. , 2018, , .		0

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37	Measuring and Predicting Search Engine Users' Satisfaction. ACM Computing Surveys, 2017, 49, 1-35.	16.1	20
38	Learning Word Embeddings with Chi-Square Weights for Healthcare Tweet Classification. Applied Sciences (Switzerland), 2017, 7, 846.	1.3	24
39	Improving IP Geolocation using Query Logs. , 2016, , .		18
40	Recommendation in Academia: A joint multi-relational model. , 2014, , .		11
41	Exploiting contextual factors for click modeling in sponsored search. , 2014, , .		8
42	Estimating ad group performance in sponsored search. , 2014, , .		6
43	Academic network analysis. , 2013, , .		6
44	Connecting comments and tags. , 2013, , .		18
45	Co-factorization machines. , 2013, , .		127
46	Distinguishing venues by writing styles. , 2012, , .		6
47	Venue Recommendation: Submitting Your Paper with Style. , 2012, , .		40
48	Writing with Style: Venue Classification. , 2012, , .		3
49	Learning to rank social update streams. , 2012, , .		45
50	Link formation analysis in microblogs. , 2011, , .		27
51	Filtering microblogging messages for social tv. , 2011, , .		8
52	Structural link analysis and prediction in microblogs. , 2011, , .		46
53	Award prediction with temporal citation network analysis. , 2011, , .		6
54	Multi-objective optimization in learning to rank. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
55	Bridging link and query intent to enhance web search. , 2011, , .		3
56	Enhancing web search with entity intent. , 2011, , .		2
57	Exploiting session-like behaviors in tag prediction. , 2011, , .		15
58	Tracking trends. , 2011, , .		33
59	Hierarchy evolution for improved classification. , 2011, , .		6
60	Topic-sensitive search engine evaluation. Online Information Review, 2011, 35, 893-908.	2.2	5
61	Learning to rank for freshness and relevance. , 2011, , .		51
62	Predicting popular messages in Twitter. , 2011, , .		377
63	A probabilistic model for personalized tag prediction. , 2010, , .		34
64	Capturing page freshness for web search. , 2010, , .		2
65	Choosing your own adventure. , 2010, , .		1
66	Adversarial Web Search. Foundations and Trends in Information Retrieval, 2010, 4, 377-486.	5.8	67
67	Freshness matters. , 2010, , .		39
68	Empirical study of topic modeling in Twitter. , 2010, , .		697
69	Mining Anchor Text Trends for Retrieval. Lecture Notes in Computer Science, 2010, , 127-139.	1.0	14
70	Mining Neighbors™ Topicality to Better Control Authority Flow. Lecture Notes in Computer Science, 2010, , 653-657.	1.0	0
71	Vetting the links of the web. , 2009, , .		1
72	Looking into the past to better classify web spam. , 2009, , .		31

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73	Performance comparison of different multicast routing strategies in disruption tolerant networks. Computer Communications, 2009, 32, 1731-1741.	3.1	30
74	Web page classification. ACM Computing Surveys, 2009, 41, 1-31.	16.1	324
75	Incorporating Participant Reputation in Community-Driven Question Answering Systems. , 2009, , .		11
76	A classification-based approach to question answering in discussion boards. , 2009, , .		63
77	Counting ancestors to estimate authority. , 2009, , .		0
78	Next Generation Agility: Smart Business and Smart Communities. , 2009, , 49-55.		2
79	Introduction to special section on adversarial issues in Web search. ACM Transactions on the Web, 2008, 2, 1-2.	2.0	9
80	Connecting P2P to the web. Internet Research, 2008, 18, 336-356.	2.7	0
81	Explorations in tag suggestion and query expansion. , 2008, , .		23
82	Classifiers without borders. , 2008, , .		22
83	Separate and unequal. , 2008, , .		4
84	Measuring similarity to detect qualified links. , 2007, , .		13
85	A cautious surfer for PageRank. , 2007, , .		5
86	Winnowing wheat from the chaff. , 2007, , .		10
87	SHIM. , 2007, , .		9
88	Ranking by community relevance. , 2007, , .		3
89	Topical TrustRank. , 2006, , .		101
90	Undue influence. , 2006, , .		11

#	ARTICLE	IF	CITATIONS
91	Topical link analysis for web search. , 2006, , .		78
92	Knowing a web page by the company it keeps. , 2006, , .		42
93	Detecting semantic cloaking on the web. , 2006, , .		50
94	Adversarial information retrieval on the web (AIRWeb 2006). ACM SIGIR Forum, 2006, 40, 27-30.	0.4	4
95	The potential of the metasearch engine. Proceedings of the American Society for Information Science and Technology, 2005, 41, 393-402.	0.2	2
96	Identifying link farm spam pages. , 2005, , .		156
97	Enhanced disruption and fault tolerant network architecture for bundle delivery (EDIFY). , 2005, , .		15
98	Hybrid semantic tagging for information extraction. , 2005, , .		2
99	Lessons from a Gnutella-web gateway. , 2004, , .		0
100	Robust document image understanding technologies. , 2004, , .		7
101	Learning Web Request Patterns. , 2004, , 435-459.		27
102	Toward a unification of text and link analysis. , 2003, , .		10
103	Review of Web caching and replication by Michael Rabinovich and Oliver Spatscheck. Addison Wesley 2002.. SIGMOD Record, 2003, 32, 107-108.	0.7	6
104	Predicting web actions from HTML content. , 2002, , .		63
105	Learning to personalize. Communications of the ACM, 2000, 43, 102-106.	3.3	62
106	Topical locality in the Web. , 2000, , .		173
107	Combining agoric and genetic methods in stochastic design. Nanotechnology, 1998, 9, 274-284.	1.3	2
108	An adaptive UNIX command-line assistant. , 1997, , .		3

#	ARTICLE	IF	CITATIONS
109	Effect of global parallelism on the behavior of a steady state genetic algorithm for design optimization. , 0, , .		11
110	Identification of Critical Values in Latent Semantic Indexing. Studies in Computational Intelligence, 0, , 333-346.	0.7	12
111	Compact Feedback for MIMO-OFDM Systems over Frequency Selective Channels. , 0, , .		16