

David Skillicorn

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

948
citations

566801

15
h-index

500791

28
g-index

57
all docs

57
docs citations

57
times ranked

515
citing authors

#	ARTICLE	IF	CITATIONS
1	Accounting Variables, Deception, and a Bag of Words: Assessing the Tools of Fraud Detection. Contemporary Accounting Research, 2015, 32, 1193-1223.	1.5	148
2	Architecture-independent parallel computation. Computer, 1990, 23, 38-50.	1.2	96
3	Structure in the Enron Email Dataset. Computational and Mathematical Organization Theory, 2005, 11, 183-199.	1.5	77
4	A Cost Calculus for Parallel Functional Programming. Journal of Parallel and Distributed Computing, 1995, 28, 65-83.	2.7	53
5	Strategies for parallel data mining. IEEE Concurrency, 1999, 7, 26-35.	0.8	44
6	A taxonomy for computer architectures. Computer, 1988, 21, 46-57.	1.2	42
7	Beyond the Castle Model of cyber-risk and cyber-security. Government Information Quarterly, 2016, 33, 250-257.	4.0	38
8	Distributed prediction from vertically partitioned data. Journal of Parallel and Distributed Computing, 2008, 68, 16-36.	2.7	37
9	Models for practical parallel computation. International Journal of Parallel Programming, 1991, 20, 133-158.	1.1	36
10	Efficient parallel algorithms for tree accumulations. Science of Computer Programming, 1994, 23, 1-18.	1.5	31
11	Using heuristics to estimate an appropriate number of latent topics in source code analysis. Science of Computer Programming, 2013, 78, 1663-1678.	1.5	31
12	Lessons learned from implementing BSP. Future Generation Computer Systems, 1998, 13, 327-335.	4.9	26
13	Parallel Implementation of Tree Skeletons. Journal of Parallel and Distributed Computing, 1996, 39, 115-125.	2.7	25
14	All directed BIBDs with $k = 3$ exist. Journal of Combinatorial Theory - Series A, 1980, 29, 244-248.	0.5	20
15	Using the BSP cost model to optimise parallel neural network training. Future Generation Computer Systems, 1998, 14, 409-424.	4.9	20
16	Hezbollah's Global Tentacles: A Relational Approach to Convergence with Transnational Organized Crime. Terrorism and Political Violence, 2017, 29, 902-921.	1.3	16
17	Parallel parsing on the connection machine. Information Processing Letters, 1989, 31, 111-117.	0.4	15
18	Detecting Word Substitutions in Text. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1067-1076.	4.0	15

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19	Real-time specification using Lucid. IEEE Transactions on Software Engineering, 1989, 15, 221-229.	4.3	12
20	BSP clusters: High performance, reliable and very low cost. Parallel Computing, 2000, 26, 199-242.	1.3	12
21	The Damoclean sword of offensive cyber: Policy uncertainty and collective insecurity. Contemporary Security Policy, 2019, 40, 382-407.	2.0	11
22	Using Distributed Hypermedia for Collaborative Learning in Universities. Computer Journal, 1996, 39, 471-482.	1.5	10
23	Computational approaches to suspicion in adversarial settings. Information Systems Frontiers, 2011, 13, 21-31.	4.1	10
24	Individual Exploration, Sensemaking, and Innovation: A Design for the Discovery of Novel Information. Decision Sciences, 2013, 44, 1021-1057.	3.2	10
25	Deriving parallel programs from specifications using cost information. Science of Computer Programming, 1993, 20, 205-221.	1.5	9
26	Modeling dynamic social networks using spectral embedding. Social Network Analysis and Mining, 2014, 4, 1.	1.9	9
27	Coordinating Programs in the Network of Tasks Model. Journal of Systems Integration, 2001, 10, 107-126.	0.1	8
28	Political Fragmentation and Alliances among Armed Non-state Actors in North and Western Africa (1997-2014). Terrorism and Political Violence, 2020, 32, 167-186.	1.3	8
29	Novel information discovery for intelligence and counterterrorism. Decision Support Systems, 2007, 43, 1375-1382.	3.5	7
30	Practical Concurrent Programming for Parallel Machines. Computer Journal, 1991, 34, 302-310.	1.5	6
31	Predictable communication on unpredictable networks: implementing BSP over TCP/IP and UDP/IP. Concurrency and Computation: Practice and Experience, 1999, 11, 687-700.	0.6	6
32	The directed packing numbers $DD(t, v, v)$. Combinatorica, 1984, 4, 121-130.	0.6	5
33	Special Issue on Analyzing Large Scale Networks: The Enron Corpus. Computational and Mathematical Organization Theory, 2005, 11, 179-181.	1.5	5
34	Spectral embedding of directed networks. Social Network Analysis and Mining, 2016, 6, 1.	1.9	5
35	A new class of fault-tolerant static interconnection networks. IEEE Transactions on Computers, 1988, 37, 1468-1470.	2.4	4
36	Compiling in Parallel. Journal of Parallel and Distributed Computing, 1993, 17, 337-352.	2.7	4

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37	A parallel tree difference algorithm. Information Processing Letters, 1996, 60, 231-235.	0.4	4
38	Parallel frequent set counting. Parallel Computing, 2002, 28, 815-825.	1.3	4
39	Incumbency effects in U.S. presidential campaigns: Language patterns matter. Electoral Studies, 2016, 43, 95-103.	1.0	4
40	The Diffusion and Permeability of Political Violence in North and West Africa. Terrorism and Political Violence, 2019, , 1-23.	1.3	4
41	Data parallel geometric operations on lists. Parallel Computing, 1995, 21, 447-459.	1.3	3
42	Structural differences of violent extremist offenders in correctional settings. Global Crime, 2015, 16, 238-258.	0.9	3
43	Modeling signed social networks using spectral embedding. Social Network Analysis and Mining, 2021, 11, 1.	1.9	3
44	Context-free parsing on O(n) processors. Computer Languages, Systems and Structures, 1992, 17, 61-66.	0.3	2
45	Towards a framework for cost-based transformation. Journal of Systems Architecture, 1996, 42, 331-340.	2.5	2
46	Communication performance optimisation requires minimising variance. Future Generation Computer Systems, 1999, 15, 453-459.	4.9	2
47	Cross-border terror networks: a social network analysis of the Canadaâ€“US border. Behavioral Sciences of Terrorism and Political Aggression, 2013, 5, 155-175.	0.7	2
48	A global measure of network connectivity. Journal of Parallel and Distributed Computing, 1989, 7, 165-177.	2.7	1
49	Pipelining tree-structured algorithms on SIMD architectures. Information Processing Letters, 1990, 35, 79-84.	0.4	1
50	Mitigating the linkability problem in anonymous reputation management. Journal of Internet Services and Applications, 2011, 2, 47-65.	1.6	1
51	Inferring the mental state of influencers. Social Network Analysis and Mining, 2013, 3, 565-595.	1.9	1
52	More generalized packing numbers. Discrete Mathematics, 1982, 39, 75-86.	0.4	0
53	A fast multiprocessor message passing implementation. Information Processing Letters, 1987, 24, 381-389.	0.4	0
54	Automatic compilation of parallelism in visual object recognition. Microprocessors and Microsystems, 1989, 13, 165-172.	1.8	0

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55	Special Issue on DataMining Large Scale Temporal Data-Bases: Letter from the Special Issue Editors. Computational and Mathematical Organization Theory, 2005, 11, 95-95.	1.5	0
56	Clustering Heterogeneous Semi-structured Social Science Datasets. Procedia Computer Science, 2015, 51, 2908-2912.	1.2	0
57	Copresence networks: criminals in their environment. Social Network Analysis and Mining, 2021, 11, 1.	1.9	0