David Skillicorn

List of Publications by Year in Descending Order

54 papers	618 citations	15 h-index	23 g-index
57 ext. papers	794 ext. citations	2.5 avg, IF	4.12 L-index

#	Paper	IF	Citations
54	Copresence networks: criminals in their environment. *Social Network Analysis and Mining*, **2021**, 11, 1	2.2	
53	Modeling signed social networks using spectral embedding. *Social Network Analysis and Mining*, **2021**, 11, 1	2.2	0
52	Political Fragmentation and Alliances among Armed Non-state Actors in North and Western Africa (1997-2014). *Terrorism and Political Violence*, **2020**, 32, 167-186	1.2	4
51	The Diffusion and Permeability of Political Violence in North and West Africa. *Terrorism and Political Violence*, **2019**, 1-23	1.2	2
50	The Damoclean sword of offensive cyber: Policy uncertainty and collective insecurity. *Contemporary Security Policy*, **2019**, 40, 382-407	4.7	7
49	Hezbollah's Global Tentacles: A Relational Approach to Convergence with Transnational Organized Crime. *Terrorism and Political Violence*, **2017**, 29, 902-921	1.2	10
48	Incumbency effects in U.S. presidential campaigns: Language patterns matter. *Electoral Studies*, **2016**, 43, 95-103	1.2	3
47	Spectral embedding of directed networks. *Social Network Analysis and Mining*, **2016**, 6, 1	2.2	4
46	Beyond the Castle Model of cyber-risk and cyber-security. *Government Information Quarterly*, **2016**, 33, 250-257	7.6	24
45	Accounting Variables, Deception, and a Bag of Words: Assessing the Tools of Fraud Detection. *Contemporary Accounting Research*, **2015**, 32, 1193-1223	3	73
44	Clustering Heterogeneous Semi-structured Social Science Datasets. *Procedia Computer Science*, **2015**, 51, 2908-2912	1.6	
43	Structural differences of violent extremist offenders in correctional settings. *Global Crime*, **2015**, 16, 238-258	1.4	2
42	Modeling dynamic social networks using spectral embedding. *Social Network Analysis and Mining*, **2014**, 4, 1	2.2	5
41	Inferring the mental state of influencers. *Social Network Analysis and Mining*, **2013**, 3, 565-595	2.2	1
40	Using heuristics to estimate an appropriate number of latent topics in source code analysis. *Science of Computer Programming*, **2013**, 78, 1663-1678	1.1	18
39	Cross-border terror networks: a social network analysis of the Canada-US border. *Behavioral Sciences of Terrorism and Political Aggression*, **2013**, 5, 155-175	1.2	1
38	Individual Exploration, Sensemaking, and Innovation: A Design for the Discovery of Novel Information. *Decision Sciences*, **2013**, 44, 1021-1057	3.7	8

37	Computational approaches to suspicion in adversarial settings. *Information Systems Frontiers*, **2011**, 13, 21-31	4	9
36	Mitigating the linkability problem in anonymous reputation management. *Journal of Internet Services and Applications*, **2011**, 2, 47-65	2.6	1
35	Detecting Word Substitutions in Text. *IEEE Transactions on Knowledge and Data Engineering*, **2008**, 20, 1067-1076	4.2	12
34	Distributed prediction from vertically partitioned data. *Journal of Parallel and Distributed Computing*, **2008**, 68, 16-36	4.4	31
33	Novel information discovery for intelligence and counterterrorism. *Decision Support Systems*, **2007**, 43, 1375-1382	5.6	6
32	Special Issue on Analyzing Large Scale Networks: The Enron Corpus. *Computational and Mathematical Organization Theory*, **2005**, 11, 179-181	2.1	3
31	Structure in the Enron Email Dataset. *Computational and Mathematical Organization Theory*, **2005**, 11, 183-199	2.1	48
30	Parallel frequent set counting. *Parallel Computing*, **2002**, 28, 815-825	1	3
29	Coordinating Programs in the Network of Tasks Model. *Journal of Systems Integration*, **2001**, 10, 107-126		3
28	BSP clusters: High performance, reliable and very low cost. *Parallel Computing*, **2000**, 26, 199-242	1	6
27	Communication performance optimisation requires minimising variance. *Future Generation Computer Systems*, **1999**, 15, 453-459	7.5	2
26	Strategies for parallel data mining. *IEEE Concurrency*, **1999**, 7, 26-35		33
25	Predictable communication on unpredictable networks: implementing BSP over TCP/IP and UDP/IP. *Concurrency and Computation: Practice and Experience*, **1999**, 11, 687-700		5
24	Lessons learned from implementing BSP. *Future Generation Computer Systems*, **1998**, 13, 327-335	7.5	17
23	Using the BSP cost model to optimise parallel neural network training. *Future Generation Computer Systems*, **1998**, 14, 409-424	7.5	15
22	Using Distributed Hypermedia for Collaborative Learning in Universities. *Computer Journal*, **1996**, 39, 471-482	1.3	7
21	Parallel Implementation of Tree Skeletons. *Journal of Parallel and Distributed Computing*, **1996**, 39, 115-125	4.4	20
20	A parallel tree difference algorithm. *Information Processing Letters*, **1996**, 60, 231-235	0.8	3

19	Towards a framework for cost-based transformation. *Journal of Systems Architecture*, **1996**, 42, 331-340	5.5	2
18	A Cost Calculus for Parallel Functional Programming. *Journal of Parallel and Distributed Computing*, **1995**, 28, 65-83	4.4	40
17	Data parallel geometric operations on lists. *Parallel Computing*, **1995**, 21, 447-459	1	3
16	Efficient parallel algorithms for tree accumulations. *Science of Computer Programming*, **1994**, 23, 1-18	1.1	23
15	Deriving parallel programs from specifications using cost information. *Science of Computer Programming*, **1993**, 20, 205-221	1.1	6
14	Context-free parsing on O(n) processors. *Computer Languages, Systems and Structures*, **1992**, 17, 61-66		2
13	Models for practical parallel computation. *International Journal of Parallel Programming*, **1991**, 20, 133-158	1.3	27
12	. *Computer*, **1990**, 23, 38-50	1.6	63
11	Pipelining tree-structured algorithms on SIMD architectures. *Information Processing Letters*, **1990**, 35, 79-84	0.8	1
10	Parallel parsing on the connection machine. *Information Processing Letters*, **1989**, 31, 111-117	0.8	12
9	A global measure of network connectivity. *Journal of Parallel and Distributed Computing*, **1989**, 7, 165-177	4.4	1
8	Automatic compilation of parallelism in visual object recognition. *Microprocessors and Microsystems*, **1989**, 13, 165-172	2.4	
7	. *IEEE Transactions on Software Engineering*, **1989**, 15, 221-229	3.5	10
6	. *Computer*, **1988**, 21, 46-57	1.6	20
5	. *IEEE Transactions on Computers*, **1988**, 37, 1468-1470	2.5	1
4	A fast multiprocessor message passing implementation. *Information Processing Letters*, **1987**, 24, 381-389	0.8	
3	The directed packing numbersDD(t, v, v), t?4. *Combinatorica*, **1984**, 4, 121-130	0.9	2
2	More generalized packing numbers. *Discrete Mathematics*, **1982**, 39, 75-86	0.7	

1   All directed BIBDs with k = 3 exist. *Journal of Combinatorial Theory - Series A*, **1980**, 29, 244-248   1   17

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