

# David Skillicorn

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7470743/david-skillicorn-publications-by-citations.pdf>  
**Version:** 2024-04-11

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Accounting Variables, Deception, and a Bag of Words: Assessing the Tools of Fraud Detection. <i>Contemporary Accounting Research</i> , <b>2015</b> , 32, 1193-1223	3	73
53	. <i>Computer</i> , <b>1990</b> , 23, 38-50	1.6	63
52	Structure in the Enron Email Dataset. <i>Computational and Mathematical Organization Theory</i> , <b>2005</b> , 11, 183-199	2.1	48
51	A Cost Calculus for Parallel Functional Programming. <i>Journal of Parallel and Distributed Computing</i> , <b>1995</b> , 28, 65-83	4.4	40
50	Strategies for parallel data mining. <i>IEEE Concurrency</i> , <b>1999</b> , 7, 26-35		33
49	Distributed prediction from vertically partitioned data. <i>Journal of Parallel and Distributed Computing</i> , <b>2008</b> , 68, 16-36	4.4	31
48	Models for practical parallel computation. <i>International Journal of Parallel Programming</i> , <b>1991</b> , 20, 133-158	1.5	27
47	Beyond the Castle Model of cyber-risk and cyber-security. <i>Government Information Quarterly</i> , <b>2016</b> , 33, 250-257	7.6	24
46	Efficient parallel algorithms for tree accumulations. <i>Science of Computer Programming</i> , <b>1994</b> , 23, 1-18	1.1	23
45	Parallel Implementation of Tree Skeletons. <i>Journal of Parallel and Distributed Computing</i> , <b>1996</b> , 39, 115-125	1.4	20
44	. <i>Computer</i> , <b>1988</b> , 21, 46-57	1.6	20
43	Using heuristics to estimate an appropriate number of latent topics in source code analysis. <i>Science of Computer Programming</i> , <b>2013</b> , 78, 1663-1678	1.1	18
42	Lessons learned from implementing BSP. <i>Future Generation Computer Systems</i> , <b>1998</b> , 13, 327-335	7.5	17
41	All directed BIBDs with $k = 3$ exist. <i>Journal of Combinatorial Theory - Series A</i> , <b>1980</b> , 29, 244-248	1	17
40	Using the BSP cost model to optimise parallel neural network training. <i>Future Generation Computer Systems</i> , <b>1998</b> , 14, 409-424	7.5	15
39	Detecting Word Substitutions in Text. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2008</b> , 20, 1067-1076	4.2	12
38	Parallel parsing on the connection machine. <i>Information Processing Letters</i> , <b>1989</b> , 31, 111-117	0.8	12

37	Hezbollah's Global Tentacles: A Relational Approach to Convergence with Transnational Organized Crime. <i>Terrorism and Political Violence</i> , <b>2017</b> , 29, 902-921	1.2	10
36	. <i>IEEE Transactions on Software Engineering</i> , <b>1989</b> , 15, 221-229	3.5	10
35	Computational approaches to suspicion in adversarial settings. <i>Information Systems Frontiers</i> , <b>2011</b> , 13, 21-31	4	9
34	Individual Exploration, Sensemaking, and Innovation: A Design for the Discovery of Novel Information. <i>Decision Sciences</i> , <b>2013</b> , 44, 1021-1057	3.7	8
33	The Damoclean sword of offensive cyber: Policy uncertainty and collective insecurity. <i>Contemporary Security Policy</i> , <b>2019</b> , 40, 382-407	4.7	7
32	Using Distributed Hypermedia for Collaborative Learning in Universities. <i>Computer Journal</i> , <b>1996</b> , 39, 471-482	1.3	7
31	Novel information discovery for intelligence and counterterrorism. <i>Decision Support Systems</i> , <b>2007</b> , 43, 1375-1382	5.6	6
30	BSP clusters: High performance, reliable and very low cost. <i>Parallel Computing</i> , <b>2000</b> , 26, 199-242	1	6
29	Deriving parallel programs from specifications using cost information. <i>Science of Computer Programming</i> , <b>1993</b> , 20, 205-221	1.1	6
28	Modeling dynamic social networks using spectral embedding. <i>Social Network Analysis and Mining</i> , <b>2014</b> , 4, 1	2.2	5
27	Predictable communication on unpredictable networks: implementing BSP over TCP/IP and UDP/IP. <i>Concurrency and Computation: Practice and Experience</i> , <b>1999</b> , 11, 687-700		5
26	Spectral embedding of directed networks. <i>Social Network Analysis and Mining</i> , <b>2016</b> , 6, 1	2.2	4
25	Political Fragmentation and Alliances among Armed Non-state Actors in North and Western Africa (1997-2014). <i>Terrorism and Political Violence</i> , <b>2020</b> , 32, 167-186	1.2	4
24	Incumbency effects in U.S. presidential campaigns: Language patterns matter. <i>Electoral Studies</i> , <b>2016</b> , 43, 95-103	1.2	3
23	Parallel frequent set counting. <i>Parallel Computing</i> , <b>2002</b> , 28, 815-825	1	3
22	Special Issue on Analyzing Large Scale Networks: The Enron Corpus. <i>Computational and Mathematical Organization Theory</i> , <b>2005</b> , 11, 179-181	2.1	3
21	Coordinating Programs in the Network of Tasks Model. <i>Journal of Systems Integration</i> , <b>2001</b> , 10, 107-126		3
20	A parallel tree difference algorithm. <i>Information Processing Letters</i> , <b>1996</b> , 60, 231-235	0.8	3

19	Data parallel geometric operations on lists. <i>Parallel Computing</i> , <b>1995</b> , 21, 447-459	1	3
18	The Diffusion and Permeability of Political Violence in North and West Africa. <i>Terrorism and Political Violence</i> , <b>2019</b> , 1-23	1.2	2
17	Structural differences of violent extremist offenders in correctional settings. <i>Global Crime</i> , <b>2015</b> , 16, 238-258	1.4	2
16	Communication performance optimisation requires minimising variance. <i>Future Generation Computer Systems</i> , <b>1999</b> , 15, 453-459	7.5	2
15	Towards a framework for cost-based transformation. <i>Journal of Systems Architecture</i> , <b>1996</b> , 42, 331-340	5.5	2
14	Context-free parsing on O(n) processors. <i>Computer Languages, Systems and Structures</i> , <b>1992</b> , 17, 61-66		2
13	The directed packing numbers $DD(t, v, v)$ , $t \geq 4$ . <i>Combinatorica</i> , <b>1984</b> , 4, 121-130	0.9	2
12	Inferring the mental state of influencers. <i>Social Network Analysis and Mining</i> , <b>2013</b> , 3, 565-595	2.2	1
11	Cross-border terror networks: a social network analysis of the Canada-US border. <i>Behavioral Sciences of Terrorism and Political Aggression</i> , <b>2013</b> , 5, 155-175	1.2	1
10	Mitigating the linkability problem in anonymous reputation management. <i>Journal of Internet Services and Applications</i> , <b>2011</b> , 2, 47-65	2.6	1
9	A global measure of network connectivity. <i>Journal of Parallel and Distributed Computing</i> , <b>1989</b> , 7, 165-177	4.4	1
8	Pipelining tree-structured algorithms on SIMD architectures. <i>Information Processing Letters</i> , <b>1990</b> , 35, 79-84	0.8	1
7	. <i>IEEE Transactions on Computers</i> , <b>1988</b> , 37, 1468-1470	2.5	1
6	Modeling signed social networks using spectral embedding. <i>Social Network Analysis and Mining</i> , <b>2021</b> , 11, 1	2.2	0
5	Clustering Heterogeneous Semi-structured Social Science Datasets. <i>Procedia Computer Science</i> , <b>2015</b> , 51, 2908-2912	1.6	
4	Automatic compilation of parallelism in visual object recognition. <i>Microprocessors and Microsystems</i> , <b>1989</b> , 13, 165-172	2.4	
3	A fast multiprocessor message passing implementation. <i>Information Processing Letters</i> , <b>1987</b> , 24, 381-388	0.8	
2	More generalized packing numbers. <i>Discrete Mathematics</i> , <b>1982</b> , 39, 75-86	0.7	

- 1 Copresence networks: criminals in their environment. *Social Network Analysis and Mining*, **2021**, 11, 1 2.2