Ian Wakeman

List of Publications by Year
in descending order

31 papers	**264** citations	1307594 **7** h-index	1058476 **14** g-index
31 all docs	**31** docs citations	**31** times ranked	**193** citing authors

#	Article	IF	Citations
1	Relating Vertex and Global Graph Entropy in Randomly Generated Graphs. Entropy, 2018, 20, 481.	2.2	3
2	Efficient Geocasting in Opportunistic Networks. Computer Communications, 2018, 127, 105-121.	5.1	7
3	Efficient content delivery through fountain coding in opportunistic information-centric networks. Computer Communications, 2017, 100, 118-128.	5.1	8
4	Vertex Entropy As a Critical Node Measure in Network Monitoring. IEEE Transactions on Network and Service Management, 2017, 14, 646-660.	4.9	15
5	Constraints and entropy in a model of network evolution. European Physical Journal B, 2017, 90, 1.	1.5	4
6	Correction to â€œVertex Entropy as a Critical Node Measure in Network Monitoringâ€. IEEE Transactions on Network and Service Management, 2017, 14, 1185-1185.	4.9	0
7	Towards an approximate graph entropy measure for identifying incidents in network event data. , 2016, , .		3
8	Short vs. Long Flows. Computer Communication Review, 2015, 45, 349-350.	1.8	2
9	The state of peer-to-peer network simulators. ACM Computing Surveys, 2013, 45, 1-25.	23.0	16
10	ShineUS: Exploring preferences in public discussion. , 2012, , .		0
11	A deniable and efficient question and answer service over ad hoc social networks. Information Retrieval, 2012, 15, 296-331.	2.0	4
12	Finding Trusted Publish/Subscribe Trees. International Federation for Information Processing, 2012, , 174-190.	0.4	2
13	Deploying Pervasive Advertising in a Farmersâ€™ Market. Human-computer Interaction Series, 2011, , 247-267.	0.6	2
14	MediateSpace. , 2011, , .		0
15	Rhythms in Twitter. , 2011, , .		6
16	A framework for secure device pairing by demonstration of physical proximity. , 2010, , .		1
17	Chutney and relish. , 2010, , .		9
18	Bringing the Virtual to the Farmersâ€™ Market: Designing for Trust in Pervasive Computing Systems. International Federation for Information Processing, 2010, , 248-262.	0.4	1

#	Article	IF	Citations
19	Transformation of Online Representation through Time. , 2009, , .		1
20	Composing software services in the pervasive computing environment: Languages or APIs?. Pervasive and Mobile Computing, 2008, 4, 481-505.	3.3	9
21	The North Laine Shopping Guide: A Case Study in Modelling Trust in Applications. , 2008, , 183-197.		4
22	Reconciling privacy and security in pervasive computing. , 2007, , .		11
23	The state of peer-to-peer simulators and simulations. Computer Communication Review, 2007, 37, 95-98.	1.8	94
24	Scooby. , 2004, , .		25
25	Risky Business: Motivations for Markets in Programmable Networks. Lecture Notes in Computer Science, 2004, , 266-279.	1.3	1
26	How Web browsers shape usersâ€™ understanding of networks. Electronic Library, 2002, 20, 35-42.	1.4	4
27	SafetyNet: A language-based approach to programmable networks. Computer Networks, 2001, 36, 101-114.	5.1	7
28	Towards a design methodology for adaptive applications. , 1998, , .		19
29	A combined admission and congestion control scheme for variable bit rate video. Distributed Systems Engineering, 1994, 1, 242-256.	0.6	1
30	Traffic analysis of trans-Atlantic traffic. Computer Communications, 1993, 16, 376-388.	5.1	5
31	A simple TCP extension for high-speed paths. Computer Communication Review, 1992, 22, 48-51.	1.8	0