Matthieu Latapy

List of Publications by Year
in descending order

44 papers	3,054 citations	686830 13 h-index	344852 36 g-index
49 all docs	49 docs citations	49 times ranked	3001 citing authors

#	Article	IF	Citations
1	Do you trade with your friends or become friends with your trading partners? A case study in the $reve\{G\}1$ cryptocurrency. Applied Network Science, 2020, 5, .	0.8	2
2	Spreading dynamics in a cattle trade network: Size, speed, typical profile and consequences on epidemic control strategies. PLoS ONE, 2019, 14, e0217972.	1.1	11
3	Degree-Based Outliers Detection Within IP Traffic Modelled as a Link Stream. , 2018, , .		3
4	Stream graphs and link streams for the modeling of interactions over time. Social Network Analysis and Mining, 2018, 8, 1.	1.9	92
5	Pattern Matching in Link Streams: A Token-Based Approach. Lecture Notes in Computer Science, 2018, , 227-247.	1.0	2
6	Enumerating maximal cliques in link streams with durations. Information Processing Letters, 2018, 133, 44-48.	0.4	18
7	Impact of Temporal Features of Cattle Exchanges on the Size and Speed of Epidemic Outbreaks. Lecture Notes in Computer Science, 2017, , 84-97.	1.0	1
8	Computing maximal cliques in link streams. Theoretical Computer Science, 2016, 609, 245-252.	0.5	93
9	Revealing contact patterns among high-school students using maximal cliques in link streams. , 2015, , .		13
10	On the termination of some biclique operators on multipartite graphs. Discrete Applied Mathematics, 2015, 195, 59-73.	0.5	3
11	Comparing Pedophile Activity in Different P2P Systems. Social Sciences, 2014, 3, 314-325.	0.7	10
12	Measuring routing tables in the internet. , 2014, , .		1
13	Identifying roles in an IP network with temporal and structural density. , 2014, , .		12
14	Inadequacy of SIR model to reproduce key properties of real-world spreading cascades: experiments on a large-scale P2P system. Social Network Analysis and Mining, 2013, 3, 1195-1208.	1.9	3
15	Internal links and pairs as a new tool for the analysis of bipartite complex networks. Social Network Analysis and Mining, 2013, 3, 85-91.	1.9	5
16	Towards a bipartite graph modeling of the internet topology. Computer Networks, 2013, 57, 2331-2347.	3.2	15
17	Quantifying paedophile activity in a large P2P system. Information Processing and Management, 2013, 49, 248-263.	5.4	25
18	Internal link prediction: A new approach for predicting links in bipartite graphs. Intelligent Data Analysis, 2013, 17, 5-25.	0.4	3

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19	DIFFUSION CASCADES: SPREADING PHENOMENA IN BLOG NETWORK COMMUNITIES. Parallel Processing Letters, 2012, 22, 1240002.	0.4	4
20	Outskewer: Using Skewness to Spot Outliers in Samples and Time Series. , 2012, , .		13
21	Quantifying paedophile queries in a large P2P system. , 2011, , .		10
22	Citations among blogs in a hierarchy of communities: Method and case study. Journal of Computational Science, 2011, 2, 247-252.	1.5	6
23	Guest Editorial Measurement of Internet Topologies. IEEE Journal on Selected Areas in Communications, 2011, 29, 1761-1764.	9.7	0
24	Post-processing hierarchical community structures: Quality improvements and multi-scale view. Theoretical Computer Science, 2011, 412, 892-900.	0.5	38
25	Link prediction in bipartite graphs using internal links and weighted projection. , 2011, , .		25
26	A Radar for the Internet. Complex Systems, 2011, 20, 23-30.	0.9	3
27	Rigorous Measurement of IP-Level Neighborhood of Internet Core Routers. , 2010, , .		4
28	Ten weeks in the life of an eDonkey server. , 2009, , .		24
29	The lattice of integer partitions and its infinite extension. Discrete Mathematics, 2009, 309, 1357-1367.	0.4	12
30	Detection, understanding, and prevention of traceroute measurement artifacts. Computer Networks, 2008, 52, 998-1018.	3.2	45
31	Basic notions for the analysis of large two-mode networks. Social Networks, 2008, 30, 31-48.	1.3	451
32	Main-memory triangle computations for very large (sparse (power-law)) graphs. Theoretical Computer Science, 2008, 407, 458-473.	0.5	338
33	Les usages épistémiques des réseaux de communication électronique : Le cas de l'Open-Source. Sociologie Du Travail, 2008, 50, 331-352.	0.0	10
34	A Radar for the Internet. , 2008, , .		24
35	Les usages épistémiques des réseaux de communication électronique : Le cas de l'Open-Source. Sociologie Du Travail, 2008, 50, 331-352.	0.0	11
36	Multi-level analysis of an interaction network between individuals in a mailing-list. Annales Des Telecommunications/Annals of Telecommunications, 2007, 62, 325-349.	1.6	9

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37	Dynamics of three-state excitable units on Poisson vs. power-law random networks. Physica A: Statistical Mechanics and Its Applications, 2006, 367, 595-612.	1.2	12
38	Bipartite graphs as models of complex networks. Physica A: Statistical Mechanics and Its Applications, 2006, 371, 795-813.	1.2	190
39	Avoiding traceroute anomalies with Paris traceroute. , 2006, , .		285
40	Computing Communities in Large Networks Using Random Walks. Journal of Graph Algorithms and Applications, 2006, 10, 191-218.	0.4	1,010
41	Bipartite structure of all complex networks. Information Processing Letters, 2004, 90, 215-221.	0.4	171
42	Coding distributive lattices with Edge Firing Games. Information Processing Letters, 2002, 83, 125-128.	0.4	5
43	Le treillis des chemins de Delannoy. Discrete Mathematics, 2002, 258, 225-234.	0.4	4
44	The lattice structure of chip firing games and related models. Physica D: Nonlinear Phenomena, 2001, 155, 69-82.	1.3	24