Andrea Lancichinetti

List of Publications by Year
in descending order

18 papers	8,592 citations	623734 14 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	6124 citing authors

#	Article	IF	Citations
1	Benchmark graphs for testing community detection algorithms. Physical Review E, 2008, 78, 046110.	2.1	2,182
2	Community detection algorithms: A comparative analysis. Physical Review E, 2009, 80, 056117.	2.1	1,546
3	Detecting the overlapping and hierarchical community structure in complex networks. New Journal of Physics, 2009, 11, 033015.	2.9	1,429
4	Finding Statistically Significant Communities in Networks. PLoS ONE, 2011, 6, e18961.	2.5	760
5	Benchmarks for testing community detection algorithms on directed and weighted graphs with overlapping communities. Physical Review E, 2009, 80, 016118.	2.1	739
6	Consensus clustering in complex networks. Scientific Reports, 2012, 2, 336.	3.3	629
7	Limits of modularity maximization in community detection. Physical Review E, 2011, 84, 066122.	2.1	330
8	Memory in network flows and its effects on spreading dynamics and community detection. Nature Communications, 2014, 5, 4630.	12.8	279
9	Characterizing the Community Structure of Complex Networks. PLoS ONE, 2010, 5, e11976.	2.5	201
10	Identifying Modular Flows on Multilayer Networks Reveals Highly Overlapping Organization in Interconnected Systems. Physical Review X, 2015, 5, .	8.9	178
11	Statistical significance of communities in networks. Physical Review E, 2010, 81, 046110.	2.1	97
12	Community Detection and Visualization of Networks with the Map Equation Framework. , 2014, , 3-34.		94
13	High-Reproducibility and High-Accuracy Method for Automated Topic Classification. Physical Review X, 2015, 5, .	8.9	45
14	Efficient community detection of network flows for varying Markov times and bipartite networks. Physical Review E, 2016, 93, 032309.	2.1	37
15	Combinatorial approach to modularity. Physical Review E, 2010, 82, 026102.	2.1	15
16	Mapping bilateral information interests using the activity of Wikipedia editors. Palgrave Communications, 2015, 1, .	4.7	13
17	NullSeq: A Tool for Generating Random Coding Sequences with Desired Amino Acid and GC Contents. PLoS Computational Biology, 2016, 12, e1005184.	3.2	11
18	Robustness of journal rankings by network flows with different amounts of memory. Journal of the Association for Information Science and Technology, 2016, 67, 2527-2535.	2.9	7