

Mikko Kivel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

1,921
citations

15
h-index

32
g-index

32
ext. papers

2,380
ext. citations

3.6
avg, IF

4.63
L-index

#	Paper	IF	Citations
27	Adaptive and optimized COVID-19 vaccination strategies across geographical regions and age groups.. <i>PLoS Computational Biology</i> , 2022 , 18, e1009974	5	2
26	Epidemic spreading and digital contact tracing: Effects of heterogeneous mixing and quarantine failures.. <i>Physical Review E</i> , 2022 , 105, 044313	2.4	0
25	Privacy and uniqueness of neighborhoods in social networks. <i>Scientific Reports</i> , 2021 , 11, 20104	4.9	
24	Spread of tweets in climate discussions: A case study of the 2019 Nobel Peace Prize announcement. <i>Nordic Journal of Media Studies</i> , 2021 , 3, 96-117	0.9	0
23	Efficient limited-time reachability estimation in temporal networks. <i>Physical Review E</i> , 2020 , 101, 052303	3.4	5
22	Cumulative effects of triadic closure and homophily in social networks. <i>Science Advances</i> , 2020 , 6, eaax7310	11.0	18
21	Tracking the cumulative knowledge spreading in a comprehensive citation network. <i>Physical Review Research</i> , 2020 , 2,	3.9	1
20	Estimating tie strength in social networks using temporal communication data. <i>EPJ Data Science</i> , 2020 , 9,	3.4	5
19	Burst-tree decomposition of time series reveals the structure of temporal correlations. <i>Scientific Reports</i> , 2020 , 10, 12202	4.9	2
18	Isomorphisms in Multilayer Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2018 , 5, 198-211	4.9	8
17	Stochastic block model reveals maps of citation patterns and their evolution in time. <i>Journal of Informetrics</i> , 2018 , 12, 757-783	3.1	9
16	Dynamics of investor spanning trees around dot-com bubble. <i>PLoS ONE</i> , 2018 , 13, e0198807	3.7	10
15	Mapping temporal-network percolation to weighted, static event graphs. <i>Scientific Reports</i> , 2018 , 8, 12357	4.7	15
14	Structure of triadic relations in multiplex networks. <i>New Journal of Physics</i> , 2015 , 17, 073029	2.9	54
13	EDENetworks: a user-friendly software to build and analyse networks in biogeography, ecology and population genetics. <i>Molecular Ecology Resources</i> , 2015 , 15, 117-22	8.4	60
12	Estimating interevent time distributions from finite observation periods in communication networks. <i>Physical Review E</i> , 2015 , 92, 052813	2.4	20
11	Mathematical Formulation of Multilayer Networks. <i>Physical Review X</i> , 2013 , 3,	9.1	376

10	Multilayer Networks. <i>SSRN Electronic Journal</i> , 2013 ,	1	38
9	Networks of emotion concepts. <i>PLoS ONE</i> , 2012 , 7, e28883	3.7	27
8	Multiscale analysis of spreading in a large communication network. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012 , 2012, P03005	1.9	54
7	Small but slow world: how network topology and burstiness slow down spreading. <i>Physical Review E</i> , 2011 , 83, 025102	2.4	427
6	Using explosive percolation in analysis of real-world networks. <i>Physical Review E</i> , 2011 , 83, 046112	2.4	37
5	Characterizing the community structure of complex networks. <i>PLoS ONE</i> , 2010 , 5, e11976	3.7	157
4	A comparative study of social network models: Network evolution models and nodal attribute models. <i>Social Networks</i> , 2009 , 31, 240-254	3.9	106
3	Sequential algorithm for fast clique percolation. <i>Physical Review E</i> , 2008 , 78, 026109	2.4	139
2	Generalizations of the clustering coefficient to weighted complex networks. <i>Physical Review E</i> , 2007 , 75, 027105	2.4	348
1	Trading Signatures: Investor Attention Allocation in Stock Markets. <i>SSRN Electronic Journal</i> ,	1	2