Mikko Kivel

List of Publications by Citations

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	Small but slow world: how network topology and burstiness slow down spreading. *Physical Review E*, **2011**, 83, 025102	2.4	427
26	Mathematical Formulation of Multilayer Networks. *Physical Review X*, **2013**, 3,	9.1	376
25	Generalizations of the clustering coefficient to weighted complex networks. *Physical Review E*, **2007**, 75, 027105	2.4	348
24	Characterizing the community structure of complex networks. *PLoS ONE*, **2010**, 5, e11976	3.7	157
23	Sequential algorithm for fast clique percolation. *Physical Review E*, **2008**, 78, 026109	2.4	139
22	A comparative study of social network models: Network evolution models and nodal attribute models. *Social Networks*, **2009**, 31, 240-254	3.9	106
21	EDENetworks: a user-friendly software to build and analyse networks in biogeography, ecology and population genetics. *Molecular Ecology Resources*, **2015**, 15, 117-22	8.4	60
20	Structure of triadic relations in multiplex networks. *New Journal of Physics*, **2015**, 17, 073029	2.9	54
19	Multiscale analysis of spreading in a large communication network. *Journal of Statistical Mechanics: Theory and Experiment*, **2012**, 2012, P03005	1.9	54
18	Multilayer Networks. *SSRN Electronic Journal*, **2013**,	1	38
17	Using explosive percolation in analysis of real-world networks. *Physical Review E*, **2011**, 83, 046112	2.4	37
16	Networks of emotion concepts. *PLoS ONE*, **2012**, 7, e28883	3.7	27
15	Estimating interevent time distributions from finite observation periods in communication networks. *Physical Review E*, **2015**, 92, 052813	2.4	20
14	Cumulative effects of triadic closure and homophily in social networks. *Science Advances*, **2020**, 6, eaax7310	13	18
13	Mapping temporal-network percolation to weighted, static event graphs. *Scientific Reports*, **2018**, 8, 12357	4.9	15
12	Dynamics of investor spanning trees around dot-com bubble. *PLoS ONE*, **2018**, 13, e0198807	3.7	10
11	Stochastic block model reveals maps of citation patterns and their evolution in time. *Journal of Informetrics*, **2018**, 12, 757-783	3.1	9

LIST OF PUBLICATIONS

10	Isomorphisms in Multilayer Networks. *IEEE Transactions on Network Science and Engineering*, **2018**, 5, 198-211	4.9	8
9	Efficient limited-time reachability estimation in temporal networks. *Physical Review E*, **2020**, 101, 052303	2.4	5
8	Estimating tie strength in social networks using temporal communication data. *EPJ Data Science*, **2020**, 9,	3.4	5
7	Trading Signatures: Investor Attention Allocation in Stock Markets. *SSRN Electronic Journal*,	1	2
6	Burst-tree decomposition of time series reveals the structure of temporal correlations. *Scientific Reports*, **2020**, 10, 12202	4.9	2
5	Adaptive and optimized COVID-19 vaccination strategies across geographical regions and age groups.. *PLoS Computational Biology*, **2022**, 18, e1009974	5	2
4	Tracking the cumulative knowledge spreading in a comprehensive citation network. *Physical Review Research*, **2020**, 2,	3.9	1
3	Spread of tweets in climate discussions: A case study of the 2019 Nobel Peace Prize announcement. *Nordic Journal of Media Studies*, **2021**, 3, 96-117	0.9	0
2	Epidemic spreading and digital contact tracing: Effects of heterogeneous mixing and quarantine failures.. *Physical Review E*, **2022**, 105, 044313	2.4	0
1	Privacy and uniqueness of neighborhoods in social networks. *Scientific Reports*, **2021**, 11, 20104	4.9	