Jari SaramÃ¤ki

List of Publications by Year in descending order

48 papers	6,448 citations	218592 26 h-index	206029 48 g-index
49 all docs	49 docs citations	49 times ranked	5190 citing authors

#	Article	IF	Citations
1	Mobility Signatures: A Tool for Characterizing Cities Using Intercity Mobility Flows. Frontiers in Big Data, 2022, 5, 822889.	1.8	5
2	Peripheral differentiation patterns of human T cells. European Journal of Immunology, 2022, 52, 882-894.	1.6	2
3	Quantifying daily rhythms with non-negative matrix factorization applied to mobile phone data. Scientific Reports, 2022, 12, 5544.	1.6	11
4	Characterization of human T cell receptor repertoire data in eight thymus samples and four related blood samples. Data in Brief, 2021, 35, 106751.	0.5	2
5	Effect of manual and digital contact tracing on COVID-19 outbreaks: a study on empirical contact data. Journal of the Royal Society Interface, 2021, 18, 20201000.	1.5	56
6	Generation of self-reactive, shared T-cell receptor Î± chains in the human thymus. Journal of Autoimmunity, 2021, 119, 102616.	3.0	5
7	Identifying the inheritable component of human thymic T cell repertoire generation in monozygous twins. European Journal of Immunology, 2020, 50, 748-751.	1.6	7
8	Human thymic T cell repertoire is imprinted with strong convergence to shared sequences. Molecular Immunology, 2020, 127, 112-123.	1.0	13
9	Effects of spatial smoothing on group-level differences in functional brain networks. Network Neuroscience, 2020, 4, 556-574.	1.4	18
10	Multi-locus interactions and the build-up of reproductive isolation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190543.	1.8	34
11	Circadian rhythms in temporal-network connectivity. Chaos, 2020, 30, 093115.	1.0	8
12	Maximum likelihood estimation for randomized shortest paths with trajectory data. Journal of Complex Networks, 2020, 8, .	1.1	5
13	Estimating tie strength in social networks using temporal communication data. EPJ Data Science, 2020, 9, .	1.5	17
14	A Map of Approaches to Temporal Networks. Computational Social Sciences, 2019, , 1-24.	0.4	10
15	Weighted Temporal Event Graphs. Computational Social Sciences, 2019, , 107-128.	0.4	4
16	Multichannel social signatures and persistent features of ego networks. Applied Network Science, 2018, 3, 8.	0.8	17
17	Social network differences of chronotypes identified from mobile phone data. EPJ Data Science, 2018, 7, .	1.5	36
18	Mapping temporal-network percolation to weighted, static event graphs. Scientific Reports, 2018, 8, 12357.	1.6	31

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19	A collection of public transport network data sets for 25 cities. Scientific Data, 2018, 5, 180089.	2.4	60
20	Regions of Interest as nodes of dynamic functional brain networks. Network Neuroscience, 2018, 2, 513-535.	1.4	12
21	Consistency of Regions of Interest as nodes of fMRI functional brain networks. Network Neuroscience, 2017, 1, 254-274.	1.4	44
22	Effects of spatial smoothing on functional brain networks. European Journal of Neuroscience, 2017, 46, 2471-2480.	1.2	89
23	Personality traits and ego-network dynamics. PLoS ONE, 2017, 12, e0173110.	1.1	15
24	Data Collection for Mental Health Studies Through Digital Platforms: Requirements and Design of a Prototype. JMIR Research Protocols, 2017, 6, e110.	0.5	25
25	Detection of timescales in evolving complex systems. Scientific Reports, 2016, 6, 39713.	1.6	37
26	Two betweenness centrality measures based on Randomized Shortest Paths. Scientific Reports, 2016, 6, 19668.	1.6	52
27	Graph coarseâ€graining reveals differences in the moduleâ€level structure of functional brain networks. European Journal of Neuroscience, 2016, 44, 2673-2684.	1.2	9
28	T cell receptor diversity in the human thymus. Molecular Immunology, 2016, 76, 116-122.	1.0	39
29	Genetic structure of native ant supercolonies varies in space and time. Molecular Ecology, 2016, 25, 6196-6213.	2.0	18
30	Reorganization of functionally connected brain subnetworks in highâ€functioning autism. Human Brain Mapping, 2016, 37, 1066-1079.	1.9	110
31	From calls to communities: a model for time-varying social networks. European Physical Journal B, 2015, 88, 1.	0.6	44
32	Digital daily cycles of individuals. Frontiers in Physics, 2015, 3, .	1.0	34
33	Exploring temporal networks with greedy walks. European Physical Journal B, 2015, 88, 1.	0.6	27
34	From seconds to months: an overview of multi-scale dynamics of mobile telephone calls. European Physical Journal B, 2015, 88, 1.	0.6	80
35	Daily Rhythms in Mobile Telephone Communication. PLoS ONE, 2015, 10, e0138098.	1.1	89
36	Persistence of social signatures in human communication. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 942-947.	3.3	289

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37	Effects of temporal correlations on cascades: Threshold models on temporal networks. Physical Review E, 2014, 89, 062815.	0.8	55
38	Adding network structure onto the map of collective behavior. Behavioral and Brain Sciences, 2014, 37, 82-83.	0.4	2
39	Inferring human mobility using communication patterns. Scientific Reports, 2014, 4, 6174.	1.6	69
40	Temporal motifs reveal homophily, gender-specific patterns, and group talk in call sequences. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18070-18075.	3.3	127
41	Multiscale analysis of spreading in a large communication network. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P03005.	0.9	65
42	Effects of time window size and placement on the structure of an aggregated communication network. EPJ Data Science, 2012, 1, .	1.5	102
43	Temporal networks. Physics Reports, 2012, 519, 97-125.	10.3	2,023
44	Path lengths, correlations, and centrality in temporal networks. Physical Review E, 2011, 84, 016105.	0.8	229
45	Small but slow world: How network topology and burstiness slow down spreading. Physical Review E, 2011, 83, 025102.	0.8	513
46	Temporal motifs in time-dependent networks. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P11005.	0.9	188
47	Analysis of a large-scale weighted network of one-to-one human communication. New Journal of Physics, 2007, 9, 179-179.	1.2	297
48	Structure and tie strengths in mobile communication networks. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7332-7336.	3.3	1,412