Kenth Engø-Monsen

List of Publications by Year
in descending order

50 papers	1,833 citations	489802 18 h-index	325983 40 g-index
62 all docs	62 docs citations	62 times ranked	2605 citing authors

#	Article	IF	Citations
1	Increased transmissibility of the alpha SARS-CoV-2 variant: evidence from contact tracing data in Oslo, January to February 2021. Infectious Diseases, 2022, 54, 72-77.	1.4	21
2	Megacities as drivers of national outbreaks: The 2017 chikungunya outbreak in Dhaka, Bangladesh. PLoS Neglected Tropical Diseases, 2021, 15, e0009106.	1.3	15
3	Reconstructing unseen transmission events to infer dengue dynamics from viral sequences. Nature Communications, 2021, 12, 1810.	5.8	12
4	The impact of mobility network properties on predicted epidemic dynamics in Dhaka and Bangkok. Epidemics, 2021, 35, 100441.	1.5	5
5	Participatory syndromic surveillance as a tool for tracking COVID-19 in Bangladesh. Epidemics, 2021, 35, 100462.	1.5	6
6	Incorporating human mobility data improves forecasts of Dengue fever in Thailand. Scientific Reports, 2021, 11, 923.	1.6	33
7	Mobility and phone call behavior explain patterns in poverty at high-resolution across multiple settings. Humanities and Social Sciences Communications, 2021, 8, .	1.3	4
8	Low parasite connectivity among three malaria hotspots in Thailand. Scientific Reports, 2021, 11, 23348.	1.6	5
9	Time-aggregated mobile phone mobility data are sufficient for modelling influenza spread: the case of Bangladesh. Journal of the Royal Society Interface, 2020, 17, 20190809.	1.5	16
10	Measuring mobility to monitor travel and physical distancing interventions: a common framework for mobile phone data analysis. The Lancet Digital Health, 2020, 2, e622-e628.	5.9	85
11	A theoretical single-parameter model for urbanisation to study infectious disease spread and interventions. PLoS Computational Biology, 2019, 15, e1006879.	1.5	7
12	Mapping imported malaria in Bangladesh using parasite genetic and human mobility data. ELife, 2019, 8, .	2.8	78
13	Product diffusion through on-demand information-seeking behaviour. Journal of the Royal Society Interface, 2018, 15, 20170751.	1.5	6
14	Understanding tie strength in social networks using a local â€œbow tieâ€•framework. Scientific Reports, 2018, 8, 9349.	1.6	20
15	The peer effect on pain tolerance. Scandinavian Journal of Pain, 2018, 18, 467-477.	0.5	10
16	Measles outbreak risk in Pakistan: exploring the potential of combining vaccination coverage and incidence data with novel data-streams to strengthen control. Epidemiology and Infection, 2018, 146, 1575-1583.	1.0	17
17	On the privacy-conscientious use of mobile phone data. Scientific Data, 2018, 5, 180286.	2.4	94
18	Mapping poverty using mobile phone and satellite data. Journal of the Royal Society Interface, 2017, 14, 20160690.	1.5	198

#	ARTICLE	IF	CITATIONS
19	Multinational patterns of seasonal asymmetry in human movement influence infectious disease dynamics. Nature Communications, 2017, 8, 2069.	5.8	73
20	Detecting climate adaptation with mobile network data in Bangladesh: anomalies in communication, mobility and consumption patterns during cyclone Mahasen. Climatic Change, 2016, 138, 505-519.	1.7	49
21	Connecting Mobility to Infectious Diseases: The Promise and Limits of Mobile Phone Data. Journal of Infectious Diseases, 2016, 214, S414-S420.	1.9	158
22	Unveiling hidden migration and mobility patterns in climate stressed regions: A longitudinal study of six million anonymous mobile phone users in Bangladesh. Global Environmental Change, 2016, 38, 1-7.	3.6	142
23	Impact of human mobility on the emergence of dengue epidemics in Pakistan. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11887-11892.	3.3	369
24	Considering clustering measures: Third ties, means, and triplets. Social Networks, 2013, 35, 300-308.	1.3	9
25	Comparing and Visualizing the Social Spreading of Products on a Large Social Network. Lecture Notes in Social Networks, 2013, , 201-225.	0.8	5
26	A Social Network Study of the Apple vs. Android Smartphone Battle. , 2012, , .		5
27	The Activation of Core Social Networks in the Wake of the 22 July Oslo Bombing. , 2012, , .		9
28	Small and Even Smaller Circles: The Size of Mobile Phone-Based Core Social Networks in Scandinavia and South Asia. Journal of Intercultural Communication Research, 2012, 41, 320-339.	0.3	5
29	Link Analysis and Web Search. , 2012, , 1746-1766.		0
30	Eigenvectors of directed graphs and importance scores: dominance, T-Rank, and sink remedies. Data Mining and Knowledge Discovery, 2010, 20, 98-151.	2.4	6
31	Product Adoption Networks and Their Growth in a Large Mobile Phone Network. , 2010, , .		10
32	Topographic Spreading Analysis of an Empirical Sex Workers' Network. , 2009, , 97-116.		3
33	Link Analysis and Web Search. , 2009, , 5265-5286.		1
34	Some Relevant Aspects of Network Analysis and Graph Theory. , 2008, , 361-424.		2
35	Asynchronous Distributed Power Iteration with Gossip-Based Normalization. Lecture Notes in Computer Science, 2007, , 514-525.	1.0	18
36	Eigenvector Centrality in Highly Partitioned Mobile Networks: Principles and Applications. Studies in Computational Intelligence, 2007, , 123-145.	0.7	13

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37	A â€˜Pumpingâ€™ Model for the Spreading of Computer Viruses. Lecture Notes in Computer Science, 2007, , 133-144.	1.0	2
38	Understanding the Spread of Epidemics in Highly Partitioned Mobile Networks. , 2006, , .		6
39	Spreading on Networks: A Topographic View. Complexus, 2006, 3, 131-146.	0.7	70
40	Understanding the spread of epidemics in highly partitioned mobile networks. , 2006, , .		6
41	A graph-theoretical model of computer security. International Journal of Information Security, 2004, 3, 70-85.	2.3	13
42	Roles in networks. Science of Computer Programming, 2004, 53, 195-214.	1.5	43
43	Partitioned Rungeâ€“Kutta Methods in Lie-Group Setting. BIT Numerical Mathematics, 2003, 43, 21-39.	1.0	12
44	Numerical Integration of Lie--Poisson Systems While Preserving Coadjoint Orbits and Energy. SIAM Journal on Numerical Analysis, 2001, 39, 128-145.	1.1	32
45	DiffMan: An object-oriented MATLAB toolbox for solving differential equations on manifolds. Applied Numerical Mathematics, 2001, 39, 323-347.	1.2	8
46	Adjoint and Selfadjoint Lie-group Methods. BIT Numerical Mathematics, 2001, 41, 395-421.	1.0	21
47	On the BCH-formula in so(3). BIT Numerical Mathematics, 2001, 41, 629-632.	1.0	23
48	A Note on the Numerical Solution of the Heavy Top Equations. Multibody System Dynamics, 2001, 5, 387-397.	1.7	13
49	On the Construction of Geometric Integrators in the RKMK Class. BIT Numerical Mathematics, 2000, 40, 41-61.	1.0	29
50	Modeling and Solution of Some Mechanical Problems on Lie Groups. Multibody System Dynamics, 1998, 2, 71-88.	1.7	19