Ciro Cattuto

List of Publications by Year
in descending order

34	4,659	331670	434195
papers	citations	21 h-index	31 g-index

41	41	41	4588
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	What's in a crowd? Analysis of face-to-face behavioral networks. Journal of Theoretical Biology, 2011, 271, 166-180.	1.7	626
2	Dynamics of Person-to-Person Interactions from Distributed RFID Sensor Networks. PLoS ONE, 2010, 5, e11596.	2.5	605
3	High-Resolution Measurements of Face-to-Face Contact Patterns in a Primary School. PLoS ONE, 2011, 6, e23176.	2.5	552
4	Mobile phone data for informing public health actions across the COVID-19 pandemic life cycle. Science Advances, 2020, 6, eabc0764.	10.3	439
5	Digital Epidemiology. PLoS Computational Biology, 2012, 8, e1002616.	3.2	408
6	Simulation of an SEIR infectious disease model on the dynamic contact network of conference attendees. BMC Medicine, 2011, 9, 87.	5.5	296
7	Estimating Potential Infection Transmission Routes in Hospital Wards Using Wearable Proximity Sensors. PLoS ONE, 2013, 8, e73970.	2.5	266
8	COVID-19 outbreak response, a dataset to assess mobility changes in Italy following national lockdown. Scientific Data, 2020, 7, 230.	5.3	225
9	Close Encounters in a Pediatric Ward: Measuring Face-to-Face Proximity and Mixing Patterns with Wearable Sensors. PLoS ONE, 2011, 6, e17144.	2.5	193
10	Mitigation of infectious disease at school: targeted class closure vs school closure. BMC Infectious Diseases, 2014, 14, 695.	2.9	150
11	Mental health and social networks in early adolescence: A dynamic study of objectively-measured social interaction behaviors. Social Science and Medicine, 2015, 125, 40-50.	3.8	102
12	Gender homophily from spatial behavior in a primary school: A sociometric study. Social Networks, 2013, 35, 604-613.	2.1	83
13	Combining High-Resolution Contact Data with Virological Data to Investigate Influenza Transmission in a Tertiary Care Hospital. Infection Control and Hospital Epidemiology, 2015, 36, 254-260.	1.8	83
14	Time to evaluate COVID-19 contact-tracing apps. Nature Medicine, 2021, 27, 361-362.	30.7	71
15	Compensating for population sampling in simulations of epidemic spread on temporal contact networks. Nature Communications, 2015, 6, 8860.	12.8	54
16	Quantifying social contacts in a household setting of rural Kenya using wearable proximity sensors. EPJ Data Science, 2016, 5, 21.	2.8	51
17	Contact diaries versus wearable proximity sensors in measuring contact patterns at a conference: method comparison and participantsâ€™ attitudes. BMC Infectious Diseases, 2016, 16, 341.	2.9	50
18	Predicting demographics, moral foundations, and human values from digital behaviours. Computers in Human Behavior, 2019, 92, 428-445.	8.5	39

#	Article	IF	Citations
19	Early social distancing policies in Europe, changes in mobility & COVID-19 case trajectories: Insights from Spring 2020. PLoS ONE, 2021, 16, e0253071.	2.5	38
20	Traditional versus Facebook-based surveys: Evaluation of biases in self-reported demographic and psychometric information. Demographic Research, 0, 42, 133-148.	3.0	34
21	Close encounters between infants and household members measured through wearable proximity sensors. PLoS ONE, 2018, 13, e0198733.	2.5	28
22	Human Values and Attitudes towards Vaccination in Social Media. , 2019, , .		28
23	High-resolution contact networks of free-ranging domestic dogs Canis familiaris and implications for transmission of infection. PLoS Neglected Tropical Diseases, 2019, 13, e0007565.	3.0	24
24	Using wearable proximity sensors to characterize social contact patterns in a village of rural Malawi. EPJ Data Science, 2021, 10, .	2.8	22
25	The effect of age, environment and management on social contact patterns in sheep. Applied Animal Behaviour Science, 2020, 225, 104964.	1.9	20
26	How Search Engine Data Enhance the Understanding of Determinants of Suicide in India and Inform Prevention: Observational Study. Journal of Medical Internet Research, 2019, 21, e10179.	4.3	17
27	Interplay between mobility, multi-seeding and lockdowns shapes COVID-19 local impact. PLoS Computational Biology, 2021, 17, e1009326.	3.2	17
28	The Live Social Semantics application: a platform for integrating face-to-face presence with on-line social networking. , 2010, , .		15
29	Wearable Proximity Sensors for Monitoring a Mass Casualty Incident Exercise: Feasibility Study. Journal of Medical Internet Research, 2019, 21, e12251.	4.3	11
30	Combining Wearable Devices and Mobile Surveys to Study Child and Youth Development in Malawi: Implementation Study of a Multimodal Approach. JMIR Public Health and Surveillance, 2021, 7, e23154.	2.6	10
31	Study design and protocol for investigating social network patterns in rural and urban schools and households in a coastal setting in Kenya using wearable proximity sensors. Wellcome Open Research, 2019, 4, 84.	1.8	6
32	Spatial and temporal variation in proximity networks of commercial dairy cattle in Great Britain. Preventive Veterinary Medicine, 2021, 194, 105443.	1.9	5
33	Study design and protocol for investigating social network patterns in rural and urban schools and households in a coastal setting in Kenya using wearable proximity sensors. Wellcome Open Research, 2019, 4, 84.	1.8	4
34	Young Adult Unemployment Through the Lens of Social Media: Italy as a Case Study. Lecture Notes in Computer Science, 2020, , 380-396.	1.3	3