Mirco Musolesi

List of Publications by Citations

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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.

108 papers	5,480 citations	36 h-index	73 g-index
120 ext. papers	6,555 ext. citations	3 avg, IF	6.07 L-index

#	Paper	IF	Citations
108	Sensing meets mobile social networks **2008**,		611
107	The Rise of People-Centric Sensing. *IEEE Internet Computing*, **2008**, 12, 12-21	2.4	371
106	Socially-aware routing for publish-subscribe in delay-tolerant mobile ad hoc networks. *IEEE Journal on Selected Areas in Communications*, **2008**, 26, 748-760	14.2	308
105	EmotionSense **2010**,		284
104	Trajectories of depression **2015**,		233
103	Designing mobility models based on social network theory. *Mobile Computing and Communications Review*, **2007**, 11, 59-70		191
102	CAR: Context-Aware Adaptive Routing for Delay-Tolerant Mobile Networks. *IEEE Transactions on Mobile Computing*, **2009**, 8, 246-260	4.6	170
101	A community based mobility model for ad hoc network research **2006**,		167
100	InterruptMe **2014**,		165
99	Urban sensing systems **2008**,		134
98	Smartphones for Large-Scale Behavior Change Interventions. *IEEE Pervasive Computing*, **2013**, 12, 66-73	1.3	131
97	SociableSense **2011**,		125
96	NextPlace: A Spatio-temporal Prediction Framework for Pervasive Systems. *Lecture Notes in Computer Science*, **2011**, 152-169	0.9	124
95	Who Benefits from the "Sharing" Economy of Airbnb? **2016**,		111
94	My Phone and Me **2016**,		110
93	Anticipatory Mobile Computing. *ACM Computing Surveys*, **2015**, 47, 1-29	13.4	107
92	Temporal distance metrics for social network analysis **2009**,		101

91	Graph Metrics for Temporal Networks. *Understanding Complex Systems*, **2013**, 15-40	0.4	98
90	Designing content-driven intelligent notification mechanisms for mobile applications **2015**,		97
89	Track globally, deliver locally **2011**,		84
88	An ad hoc mobility model founded on social network theory **2004**,		82
87	Analysing information flows and key mediators through temporal centrality metrics **2010**,		79
86	Characterising temporal distance and reachability in mobile and online social networks. *Computer Communication Review*, **2010**, 40, 118-124	1.4	79
85	Interdependence and predictability of human mobility and social interactions. *Pervasive and Mobile Computing*, **2013**, 9, 798-807	3.5	78
84	PrefMiner **2016**,		77
83	Components in time-varying graphs. *Chaos*, **2012**, 22, 023101	3.3	67
82	Explaining the power-law distribution of human mobility through transportation modality decomposition. *Scientific Reports*, **2015**, 5, 9136	4.9	62
81	A multilayer approach to multiplexity and link prediction in online geo-social networks. *EPJ Data Science*, **2016**, 5, 24	3.4	59
80	The Effect of Timing and Frequency of Push Notifications on Usage of a Smartphone-Based Stress Management Intervention: An Exploratory Trial. *PLoS ONE*, **2017**, 12, e0169162	3.7	57
79	Measuring Urban Social Diversity Using Interconnected Geo-Social Networks **2016**,		56
78	Mobility Models for Systems Evaluation **2009**, 43-62		45
77	TACO-DTN **2007**,		40
76	Supporting Energy-Efficient Uploading Strategies for Continuous Sensing Applications on Mobile Phones. *Lecture Notes in Computer Science*, **2010**, 355-372	0.9	40
75	It\'s the way you check-in **2014**,		38
74	Towards multi-modal anticipatory monitoring of depressive states through the analysis of human-smartphone interaction **2016**,		37

73	Spatio-temporal networks: reachability, centrality and robustness. *Royal Society Open Science*, **2016**, 3, 160196	3.3	37
72	Opportunistic Mobile Sensor Data Collection with SCAR **2007**,		36
71	Big Mobile Data Mining: Good or Evil?. *IEEE Internet Computing*, **2014**, 18, 78-81	2.4	34
70	Kissing Cuisines **2017**,		31
69	Community Detection in Social and Biological Networks Using Differential Evolution. *Lecture Notes in Computer Science*, **2012**, 71-85	0.9	30
68	Investigating causality in human behavior from smartphone sensor data: a quasi-experimental approach. *EPJ Data Science*, **2015**, 4,	3.4	28
67	Anticipatory mobile computing for behaviour change interventions **2014**,		28
66	EMMA: Epidemic Messaging Middleware for Ad hoc networks. *Personal and Ubiquitous Computing*, **2006**, 10, 28-36	2.1	28
65	MyTraces **2017**, 1, 1-21		26
64	Spatio-temporal techniques for user identification by means of GPS mobility data. *EPJ Data Science*, **2015**, 4,	3.4	25
63	SenSocial **2014**,		25
62	SCAR **2006**,		24
61	Investigating The Role of Task Engagement in Mobile Interruptibility **2015**,		22
60	Ask, but don₩ interrupt **2015**,		22
59	Exploiting temporal complex network metrics in mobile malware containment **2011**,		21
58	Using Autoencoders to Automatically Extract Mobility Features for Predicting Depressive States **2018**, 2, 1-20		21
57	Understanding the Role of Places and Activities on Mobile Phone Interaction and Usage Patterns **2017**, 1, 1-22		20
56	The hidden image of mobile apps **2018**,		20

55	Are you getting sick? Predicting influenza-like symptoms using human mobility behaviors. *EPJ Data Science*, **2017**, 6, 27	3.4	19
54	Analyzing and predicting the spatial penetration of Airbnb in U.S. cities. *EPJ Data Science*, **2018**, 7,	3.4	19
53	. *IEEE Transactions on Evolutionary Computation*, **2016**, 1-1	15.6	18
52	Writing on the clean slate: Implementing a socially-aware protocol in Haggle **2008**,		16
51	Applications of Temporal Graph Metrics to Real-World Networks. *Understanding Complex Systems*, **2013**, 135-159	0.4	15
50	Software engineering for mobility: reflecting on the past, peering into the future **2014**,		14
49	CTG **2007**,		14
48	Spatial dissemination metrics for location-based social networks **2012**,		13
47	Adapting asynchronous messaging middleware to ad hoc networking **2004**,		12
46	Predicting the temporal activity patterns of new venues. *EPJ Data Science*, **2018**, 7, 13	3.4	12
45	Predictive Resource Scheduling in Computational Grids **2007**,		11
44	Anonymous or Not? Understanding the Factors Affecting Personal Mobile Data Disclosure. *ACM Transactions on Internet Technology*, **2017**, 17, 1-19	3.8	10
43	A comparison of spatial-based targeted disease mitigation strategies using mobile phone data. *EPJ Data Science*, **2018**, 7,	3.4	10
42	Designing Effective Movement Digital Biomarkers for Unobtrusive Emotional State Mobile Monitoring **2017**,		10
41	On Nonstationarity of Human Contact Networks **2010**,		10
40	Transforming the social networking experience with sensing presence from mobile phones **2008**,		10
39	When cars start gossiping **2008**,		10
38	A large-scale study of cultural differences using urban data about eating and drinking preferences. *Information Systems*, **2017**, 72, 95-116	2.7	9

37	Avoiding pitfalls when using machine learning in HCI studies. *Interactions*, **2017**, 24, 34-37	1	9
36	Mobile-Based Experience Sampling for Behaviour Research. *Human-computer Interaction Series*, **2016**, 141-161	0.6	9
35	Community Detection Using Cooperative Co-evolutionary Differential Evolution. *Lecture Notes in Computer Science*, **2012**, 235-244	0.9	9
34	Using human raters to characterize the psychological characteristics of GPS-based places **2017**,		8
33	Integrating sensor presence into virtual worlds using mobile phones **2008**,		8
32	Non-parametric causality detection: An application to social media and financial data. *Physica A: Statistical Mechanics and Its Applications*, **2017**, 483, 139-155	3.3	7
31	**2012**,		7
30	Quantifying the Relationships between Everyday Objects and Emotional States through Deep Learning Based Image Analysis Using Smartphones **2020**, 4, 1-21		7
29	MetroTrack: Predictive Tracking of Mobile Events Using Mobile Phones. *Lecture Notes in Computer Science*, **2010**, 230-243	0.9	7
28	NotifyMeHere **2019**,		6
27	**2006**,		6
26	**2006**,		6
25	Interpretable Machine Learning for Mobile Notification Management. *GetMobile (New York, N Y)*, **2017**, 21, 35-38	0.8	5
24	If I build it, will they come? **2017**,		5
23	Interpretable Machine Learning for Privacy-Preserving Pervasive Systems. *IEEE Pervasive Computing* , **2020**, 19, 73-82	1.3	4
22	Designing a context-aware middleware for asynchronous communication in mobile ad hoc environments **2004**,		4
21	A framework for multi-region delay tolerant networking **2008**,		4
20	Mobile crowd sensing: Part 1 [Guest Editorial] **2014**, 52, 20-21		3

19	Data collection in delay tolerant mobile sensor networks using SCAR **2006**,		3
18	Under and over the surface: a comparison of the use of leaked account credentials in the Dark and Surface Web. *Crime Science*, **2018**, 7,	6.6	3
17	Evaluating Machine Learning Algorithms for Prediction of the Adverse Valence Index Based on the Photographic Affect Meter **2019**,		2
16	Sensing and Modeling Human Behavior Using Social Media and Mobile Data **2018**, 313-319		2
15	Mobile crowd sensing: part 2 [Guest Editorial] **2014**, 52, 76-77		2
14	Introduction to the special issue on social networks and ubiquitous interactions. *International Journal of Human Computer Studies*, **2013**, 71, 859-861	4.6	2
13	A Multi-perspective Analysis of Social Context and Personal Factors in Office Settings for the Design of an Effective Mobile Notification System **2020**, 4, 1-38		2
12	PokeME **2020**,		2
11	Characterizing animal movement patterns across different scales and habitats using information theory		2
10	Precise time-matching in chimpanzee allogrooming does not occur after a short delay. *PLoS ONE*, **2018**, 13, e0201810	3.7	2
9	The Uncertainty of Identity Toolset **2014**,		1
8	Where You Go Matters **2020**, 4, 1-32		1
7	Predicting and Explaining Privacy Risk Exposure in Mobility Data. *Lecture Notes in Computer Science*, **2020**, 403-418	0.9	1
6	Epcast: Controlled Dissemination in Human-Based Wireless Networks Using Epidemic Spreading Models. *Lecture Notes in Computer Science*, **2008**, 295-306	0.9	1
5	Anticipatory Mobile Digital Health: Towards Personalized Proactive Therapies and Prevention Strategies **2017**, 253-267		1
4	Intelligent Notification Systems. *Synthesis Lectures on Mobile and Pervasive Computing*, **2020**, 11, 1-75	0	1
3	FutureWare: Designing a Middleware for Anticipatory Mobile Computing. *IEEE Transactions on Software Engineering*, **2019**, 1-1	3.5	0
2	Designing Robust Models for Behaviour Prediction Using Sparse Data from Mobile Sensing. *ACM Transactions on Computing for Healthcare*, **2021**, 2, 1-33	2.6	0

1 The role of space, time and sociability in predicting social encounters. *Environment and Planning B: Urban Analytics and City Science*,239980832110168 2