Roger M Whitaker

List of Publications by Year
in descending order

45 papers	568 citations	933447 10 h-index	794594 19 g-index
48 all docs	48 docs citations	48 times ranked	599 citing authors

#	Article	IF	Citations
1	The Coevolution of Social Networks and Cognitive Dissonance. IEEE Transactions on Computational Social Systems, 2022, 9, 376-393.	4.4	2
2	The evolution of strongly-held group identities through agent-based cooperation. Scientific Reports, 2021, 11, 12071.	3.3	0
3	The role of homophily in opinion formation among mobile agents. Journal of Information and Telecommunication, 2020, 4, 504-523.	2.8	2
4	The implications of shared identity on indirect reciprocity. Journal of Information and Telecommunication, 2020, 4, 405-424.	2.8	2
5	Do Smartphones Create a Coordination Problem for Face‑to‑Face Interaction? Leveraging Game Theory to Understand and Solve the Smartphone Dilemma. BioEssays, 2020, 42, 1800261.	2.5	3
6	Assessing temporal and spatial features in detecting disruptive users on Reddit. , 2020, , .		2
7	Breadth Verses Depth: The Impact of Tree Structure on Cultural Influence. Lecture Notes in Computer Science, 2020, , 86-95.	1.3	0
8	The influence of concurrent mobile notifications on individual responses. International Journal of Human Computer Studies, 2019, 132, 70-80.	5.6	12
9	Identifying Indicators of Smartphone Addiction Through User-App Interaction. Computers in Human Behavior, 2019, 99, 56-65.	8.5	83
10	Evidence to support common application switching behaviour on smartphones. Royal Society Open Science, 2019, 6, 190018.	2.4	11
11	The Impact of Peer Pressure: Extending Axelrod's Model on Cultural Polarisation. , 2019, , .		2
12	Smartphone interaction and survey data as predictors of snapchat usage. , 2019, , .		1
13	Homophily, Mobility and Opinion Formation. Lecture Notes in Computer Science, 2019, , 130-141.	1.3	1
14	Indirect Reciprocity and the Evolution of Prejudicial Groups. Scientific Reports, 2018, 8, 13247.	3.3	27
15	Personality Homophily and Geographic Distance in Facebook. Cyberpsychology, Behavior, and Social Networking, 2018, 21, 361-366.	3.9	5
16	Reachable but not receptive: Enhancing smartphone interruptibility prediction by modelling the extent of user engagement with notifications. Pervasive and Mobile Computing, 2017, 40, 480-494.	3.3	33
17	There and Back Again: Detecting Regularity in Human Encounter Communities. IEEE Transactions on Mobile Computing, 2017, 16, 1744-1757.	5.8	5
18	Device-to-Device Communications: A Performance Analysis in the Context of Social Comparison-Based Relaying. IEEE Transactions on Wireless Communications, 2017, 16, 7733-7745.	9.2	19

#	Article	IF	Citations
19	Stability and fracture of social groups. , 2017, , .		0
20	Parameterising the dynamics of inter-group conflict from real world data. , 2017, , .		0
21	Mathematical models for social group behavior. , 2017, , .		5
22	Timing rather than user traits mediates mood sampling on smartphones. BMC Research Notes, 2017, 10, 481.	1.4	10
23	Personality homophily and the local network characteristics of facebook. , 2016, , .		57
24	Social comparison based relaying in device-to-device networks. , 2016, , .		1
25	A Dominant Social Comparison Heuristic Unites Alternative Mechanisms for the Evolution of Indirect Reciprocity. Scientific Reports, 2016, 6, 31459.	3.3	23
26	Birds of a feather locate together? Foursquare checkins and personality homophily. Computers in Human Behavior, 2016, 58, 343-353.	8.5	31
27	Interruptibility prediction for ubiquitous systems. , 2015, , .		52
28	Crowdsourcing through Cognitive Opportunistic Networks. ACM Transactions on Autonomous and Adaptive Systems, 2015, 10, 1-29.	0.8	15
29	New Frontiers for Crowdsourcing: The Extended Mind. , 2015, , .		10
30	Spectrum Sharing in Competing Wireless Systems: A Simulation Study Using WLAN and WMAN. Journal of Network and Systems Management, 2013, 21, 264-297.	4.9	0
31	The Personality of Venues: Places and the Five-Factors ('Big Five') Model of Personality. , 2013, , .		8
32	Visiting Patterns and Personality of Foursquare Users. , 2013, , .		7
33	Optimising CDMA Cell Planning with Soft Handover. Wireless Personal Communications, 2013, 68, 321-347.	2.7	5
34	Dynamic data resolution to improve the tractability of UMTS network planning. Annals of Operations Research, 2012, 201, 197-227.	4.1	4
35	RDD: Repository-based Data Dissemination protocol for opportunistic networks. , 2012, , .		0
36	Optimised scheduling for Wireless Mesh Networks using fixed cycle times. , 2011, , .		3

#	Article	IF	Citations
37	Retweeting: A study of message-forwarding in twitter. , 2011, , .		23
38	Efficient Offline Coverage and Load Evaluation for CDMA Network Modeling. IEEE Transactions on Vehicular Technology, 2009, 58, 3704-3712.	6.3	7
39	Service Coverage Bounds Through Efficient Load Approximation in UMTS Network Planning. , 2009, , .		0
40	Cooperation in Social Networks of Trust. , 2008, , .		1
41	The quality of spatial-temporal information from mobile peer-to-peer interactions. Wireless Telecommunications Symposium, 2009 WTS 2009, 2008, , .	0.0	2
42	Sensitivity of service coverage evaluation for WCDMA systems. , 2007, , .		2
43	On invertible terraces for non-abelian groups. Journal of Combinatorial Designs, 2007, 15, 437-447.	0.6	2
44	Comparison and Evaluation of Multiple Objective Genetic Algorithms for the Antenna Placement Problem. Mobile Networks and Applications, 2005, 10, 79-88.	3.3	74
45	Optimising Channel Assignments for Private Mobile Radio Networks in the UHF 2 Band. Wireless Networks, 2002, 8, 587-595.	3.0	5