Thrasyvoulos Spyropoulos

List of Publications by Year
in descending order

40	4,233	623734	940533
papers	citations	14	16
		h-index	g-index

40	40	40	2214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spray and wait. , 2005, , .		1,964
2	Efficient Routing in Intermittently Connected Mobile Networks: The Single-Copy Case. IEEE/ACM Transactions on Networking, 2008, 16, 63-76.	3.8	715
3	Performance analysis of mobility-assisted routing. , 2006, , .		232
4	Routing for disruption tolerant networks: taxonomy and design. Wireless Networks, 2010, 16, 2349-2370.	3.0	210
5	Modeling Spatial and Temporal Dependencies of User Mobility in Wireless Mobile Networks. IEEE/ACM Transactions on Networking, 2009, 17, 1564-1577.	3.8	184
6	Know Thy Neighbor: Towards Optimal Mapping of Contacts to Social Graphs for DTN Routing. , 2010, , .		112
7	Soft Cache Hits: Improving Performance Through Recommendation and Delivery of Related Content. IEEE Journal on Selected Areas in Communications, 2018, 36, 1300-1313.	14.0	84
8	Message Drop and Scheduling in DTNs: Theory and Practice. IEEE Transactions on Mobile Computing, 2012, 11, 1470-1483.	5.8	79
9	Putting contacts into context. , 2011, , .		64
10	A complex network analysis of human mobility. , 2011, , .		55
11	An analytical study of fundamental mobility properties for encounter-based protocols. International Journal of Autonomous and Adaptive Communications Systems, 2008, 1, 4.	0.3	46
12	DTN-Meteo: Forecasting the Performance of DTN Protocols Under Heterogeneous Mobility. IEEE/ACM Transactions on Networking, 2015, 23, 587-602.	3.8	40
13	An analysis of the information spreading delay in heterogeneous mobility DTNs. , 2012, , .		38
14	Collection and analysis of multi-dimensional network data for opportunistic networking research. Computer Communications, 2012, 35, 1613-1625.	5.1	33
15	Understanding the effects of social selfishness on the performance of heterogeneous opportunistic networks. Computer Communications, 2014, 48, 71-83.	5.1	31
16	Show me the Cache: Optimizing Cache-Friendly Recommendations for Sequential Content Access. , 2018, , .		31
17	Optimal downlink and uplink user association in backhaul-limited HetNets. , 2016, , .		28
18	SCAMPI. Computer Communication Review, 2012, 42, 503-508.	1.8	26

#	Article	IF	Citations
19	MobiTrade. , 2011, , .		24
20	From Contacts to Graphs: Pitfalls in Using Complex Network Analysis for DTN Routing. , 2009, , .		23
21	Delay Analysis of Epidemic Schemes in Sparse and Dense Heterogeneous Contact Networks. IEEE Transactions on Mobile Computing, 2017, 16, 2464-2477.	5.8	19
22	Femto-Caching with Soft Cache Hits: Improving Performance with Related Content Recommendation. , 2017, , .		17
23	Joint Scheduling and Buffer Management Policies for DTN Applications of Different Traffic Classes. IEEE Transactions on Mobile Computing, 2018, 17, 2818-2834.	5.8	16
24	Soft cache hits and the impact of alternative content recommendations on mobile edge caching. , 2016, , .		15
25	Effects of Content Popularity on the Performance of Content-Centric Opportunistic Networking: An Analytical Approach and Applications. IEEE/ACM Transactions on Networking, 2016, 24, 3354-3368.	3.8	15
26	CEDO. , 2013, , .		14
27	Modelling and Analysis of Communication Traffic Heterogeneity in Opportunistic Networks. IEEE Transactions on Mobile Computing, 2015, 14, 2316-2331.	5.8	14
28	Reducing the energy consumption of small cell networks subject to QoE constraints. , 2014, , .		13
29	Not all content is created equal. , 2014, , .		12
30	An Analytical Framework for Optimal Downlink-Uplink User Association in HetNets with Traffic Differentiation. , 2015, , .		12
31	User Association in HetNets: Impact of Traffic Differentiation and Backhaul Limitations. IEEE/ACM Transactions on Networking, 2017, 25, 3396-3410.	3.8	12
32	Stumbl: Using Facebook to collect rich datasets for opportunistic networking research. , 2011, , .		10
33	Approximation Guarantees for the Joint Optimization of Caching and Recommendation. , 2020, , .		9
34	An Approximation Algorithm for Joint Caching and Recommendations in Cache Networks. IEEE Transactions on Network and Service Management, 2022, 19, 1826-1841.	4.9	9
35	Interference in wireless multihop networks: A model and its experimental evaluation. , 2008, , .		7
36	Offloading on the edge: Performance and cost analysis of local data storage and offloading in HetNets. , 2017, , .		7

#	Article	IF	Citations
37	User-centric Optimization of Caching and Recommendations in Edge Cache Networks. , 2020, , .		7
38	Fairness in Network-Friendly Recommendations. , 2021, , .		3
39	Inferring content-centric traffic for opportunistic networking from geo-location Social Networks. , 2015, , .		2
40	SOBA: Session optimal MDP-based network friendly recommendations. , 2021, , .		1