Pan Hui

List of Publications by Year
in descending order

57 papers	**5,507** citations	516710 **16** h-index	501196 **28** g-index
58 all docs	**58** docs citations	**58** times ranked	**4013** citing authors

#	Article	IF	Citations
1	Towards Augmented Reality Driven Human-City Interaction: Current Research on Mobile Headsets and Future Challenges. ACM Computing Surveys, 2022, 54, 1-38.	23.0	17
2	A Survey on Haptic Technologies for Mobile Augmented Reality. ACM Computing Surveys, 2022, 54, 1-35.	23.0	34
3	Portfolio Optimization in Traffic Offloading: Concept, Model, and Algorithms. IEEE Transactions on Mobile Computing, 2021, 20, 691-706.	5.8	8
4	Exploring Button Designs for Mid-air Interaction in Virtual Reality: A Hexa-metric Evaluation of Key Representations and Multi-modal Cues. Proceedings of the ACM on Human-Computer Interaction, 2021, 5, 1-26.	3.3	17
5	Emerging ExG-based NUI Inputs in Extended Realities: A Bottom-up Survey. ACM Transactions on Interactive Intelligent Systems, 2021, 11, 1-49.	3.7	8
6	Theophany. , 2021, , .		8
7	PARA: Privacy Management and Control in Emerging IoT Ecosystems using Augmented Reality. , 2021, , .		10
8	A2W: Context-Aware Recommendation System for Mobile Augmented Reality Web Browser. , 2021, , .		22
9	Edge Intelligence: Empowering Intelligence to the Edge of Network. Proceedings of the IEEE, 2021, 109, 1778-1837.	21.3	61
10	One-thumb Text Acquisition on Force-assisted Miniature Interfaces for Mobile Headsets. , 2020, , .		13
11	COSINE: Collaborator Selector for Cooperative Multi-Device Sensing and Computing. , 2020, , .		3
12	From seen to unseen: Designing keyboard-less interfaces for text entry on the constrained screen real estate of Augmented Reality headsets. Pervasive and Mobile Computing, 2020, 64, 101148.	3.3	15
13	UbiPoint. , 2020, , .		13
14	How Subtle Can It Get?. , 2020, 4, 1-29.		10
15	Human Data Model. ACM Transactions on Computing for Healthcare, 2020, 1, 1-39.	5.0	1
16	Quadmetric Optimized Thumb-to-Finger Interaction for Force Assisted One-Handed Text Entry on Mobile Headsets. , 2019, 3, 1-27.		23
17	Using Deep Learning and Mobile Offloading to Control a 3D-printed Prosthetic Hand. , 2019, 3, 1-19.		9
18	Network Coding For Data Delivery in Caching at Edge: Concept, Model, and Algorithms. IEEE Transactions on Vehicular Technology, 2019, 68, 10066-10080.	6.3	12

#	Article	IF	Citations
19	AI on the Move: From On-Device to On-Multi-Device. , 2019, , .		4
20	A Survey of Opportunistic Offloading. IEEE Communications Surveys and Tutorials, 2018, 20, 2198-2236.	39.4	98
21	Evidence-Aware Mobile Computational Offloading. IEEE Transactions on Mobile Computing, 2018, 17, 1834-1850.	5.8	30
22	Pervasive Communities in the Internet of People. , 2018, , .		8
23	Sensorclone. , 2018, , .		2
24	Interaction Methods for Smart Glasses: A Survey. IEEE Access, 2018, 6, 28712-28732.	4.2	117
25	Predicting search time when hunting for multiple moving targets: A recursive harmonic law. Chaos, 2018, 28, 083109.	2.5	7
26	Evidence-Aware Mobile Cloud Architectures. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 65-84.	0.7	3
27	Mobile Augmented Reality Survey: From Where We Are to Where We Go. IEEE Access, 2017, 5, 6917-6950.	4.2	296
28	Social-aware hybrid mobile offloading. Pervasive and Mobile Computing, 2017, 36, 25-43.	3.3	39
29	Contact duration aware evaluation for content dissemination delay in mobile social network. Wireless Communications and Mobile Computing, 2015, 15, 527-537.	1.2	9
30	StoreSim: Optimizing Information Leakage in Multicloud Storage Services. , 2015, , .		4
31	Towards Maximizing Timely Content Delivery in Delay Tolerant Networks. IEEE Transactions on Mobile Computing, 2015, 14, 755-769.	5.8	20
32	Mobile code offloading: from concept to practice and beyond. , 2015, 53, 80-88.		135
33	An Empirical Study of Human Altruistic Behaviors in Opportunistic Networks. , 2015, , .		8
34	Mobile Phone Call Data as a Regional Socio-Economic Proxy Indicator. PLoS ONE, 2015, 10, e0124160.	2.5	38
35	Adaptive wakeup scheduling based on power-law distributed contacts in delay tolerant networks. , 2014, , .		5
36	Multiple Mobile Data Offloading Through Disruption Tolerant Networks. IEEE Transactions on Mobile Computing, 2014, 13, 1579-1596.	5.8	99

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37	Social-aware D2D communications: qualitative insights and quantitative analysis. , 2014, 52, 150-158.		182
38	Is the Same Instance Type Created Equal? Exploiting Heterogeneity of Public Clouds. IEEE Transactions on Cloud Computing, 2013, 1, 201-214.	4.4	45
39	Modeling the communication contacts in roadside unit aided vehicles opportunistic networks. , 2013, , .		0
40	Maximizing timely content advertising in DTNs. , 2012, , .		2
41	Mobile Data Offloading through Opportunistic Communications and Social Participation. IEEE Transactions on Mobile Computing, 2012, 11, 821-834.	5.8	417
42	SmartDiet. Computer Communication Review, 2012, 42, 297-298.	1.8	11
43	Path Formation in Human Contact Networks. Springer Optimization and Its Applications, 2012, , 349-385.	0.9	1
44	ThinkAir: Dynamic resource allocation and parallel execution in the cloud for mobile code offloading. , 2012, , .		869
45	Cellular Traffic Offloading through WiFi Networks. , 2011, , .		236
46	Performance Evaluation of Routing Schemes for Energy-Constrained Delay Tolerant Networks. , 2011, , .		12
47	Settling for less. Performance Evaluation Review, 2011, 39, 49-51.	0.6	6
48	Planet-scale human mobility measurement. , 2010, , .		12
49	Evaluating the Impact of Social Selfishness on the Epidemic Routing in Delay Tolerant Networks. IEEE Communications Letters, 2010, 14, 1026-1028.	4.1	127
50	Non-asymptotic throughput and delay distributions in multi-hop wireless networks. , 2010, , .		16
51	Selfishness, Altruism and Message Spreading in Mobile Social Networks. , 2009, , .		69
52	Bubble rap. , 2008, , .		665
53	Promoting tolerance for delay tolerant network research. Computer Communication Review, 2008, 38, 63-68.	1.8	159
54	Phase transitions of opportunistic communication. , 2008, , .		13

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55	Impact of Human Mobility on Opportunistic Forwarding Algorithms. IEEE Transactions on Mobile Computing, 2007, 6, 606-620.	5.8	785
56	How small labels create big improvements. , 2006, , .		12
57	Pocket switched networks and human mobility in conference environments. , 2005, , .		662