

Pan Hui

List of Publications by Year in descending order

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Version: 2024-02-01

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	ThinkAir: Dynamic resource allocation and parallel execution in the cloud for mobile code offloading. , 2012, , .		869
2	Impact of Human Mobility on Opportunistic Forwarding Algorithms. IEEE Transactions on Mobile Computing, 2007, 6, 606-620.	5.8	785
3	Bubble rap. , 2008, , .		665
4	Pocket switched networks and human mobility in conference environments. , 2005, , .		662
5	Mobile Data Offloading through Opportunistic Communications and Social Participation. IEEE Transactions on Mobile Computing, 2012, 11, 821-834.	5.8	417
6	Mobile Augmented Reality Survey: From Where We Are to Where We Go. IEEE Access, 2017, 5, 6917-6950.	4.2	296
7	Cellular Traffic Offloading through WiFi Networks. , 2011, , .		236
8	Social-aware D2D communications: qualitative insights and quantitative analysis. , 2014, 52, 150-158.		182
9	Promoting tolerance for delay tolerant network research. Computer Communication Review, 2008, 38, 63-68.	1.8	159
10	Mobile code offloading: from concept to practice and beyond. , 2015, 53, 80-88.		135
11	Evaluating the Impact of Social Selfishness on the Epidemic Routing in Delay Tolerant Networks. IEEE Communications Letters, 2010, 14, 1026-1028.	4.1	127
12	Interaction Methods for Smart Glasses: A Survey. IEEE Access, 2018, 6, 28712-28732.	4.2	117
13	Multiple Mobile Data Offloading Through Disruption Tolerant Networks. IEEE Transactions on Mobile Computing, 2014, 13, 1579-1596.	5.8	99
14	A Survey of Opportunistic Offloading. IEEE Communications Surveys and Tutorials, 2018, 20, 2198-2236.	39.4	98
15	Selfishness, Altruism and Message Spreading in Mobile Social Networks. , 2009, , .		69
16	Edge Intelligence: Empowering Intelligence to the Edge of Network. Proceedings of the IEEE, 2021, 109, 1778-1837.	21.3	61
17	Is the Same Instance Type Created Equal? Exploiting Heterogeneity of Public Clouds. IEEE Transactions on Cloud Computing, 2013, 1, 201-214.	4.4	45
18	Social-aware hybrid mobile offloading. Pervasive and Mobile Computing, 2017, 36, 25-43.	3.3	39

#	ARTICLE	IF	CITATIONS
19	Mobile Phone Call Data as a Regional Socio-Economic Proxy Indicator. PLoS ONE, 2015, 10, e0124160.	2.5	38
20	A Survey on Haptic Technologies for Mobile Augmented Reality. ACM Computing Surveys, 2022, 54, 1-35.	23.0	34
21	Evidence-Aware Mobile Computational Offloading. IEEE Transactions on Mobile Computing, 2018, 17, 1834-1850.	5.8	30
22	Quadmetric Optimized Thumb-to-Finger Interaction for Force Assisted One-Handed Text Entry on Mobile Headsets. , 2019, 3, 1-27.		23
23	A2W: Context-Aware Recommendation System for Mobile Augmented Reality Web Browser. , 2021, , .		22
24	Towards Maximizing Timely Content Delivery in Delay Tolerant Networks. IEEE Transactions on Mobile Computing, 2015, 14, 755-769.	5.8	20
25	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
26	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
27	Non-asymptotic throughput and delay distributions in multi-hop wireless networks. , 2010, , .		16
28	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
29	One-thumb Text Acquisition on Force-assisted Miniature Interfaces for Mobile Headsets. , 2020, , .		13
30	Phase transitions of opportunistic communication. , 2008, , .		13
31	UbiPoint. , 2020, , .		13
32	How small labels create big improvements. , 2006, , .		12
33	Planet-scale human mobility measurement. , 2010, , .		12
34	Performance Evaluation of Routing Schemes for Energy-Constrained Delay Tolerant Networks. , 2011, , .		12
35	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
36	SmartDiet. Computer Communication Review, 2012, 42, 297-298.	1.8	11

#	ARTICLE	IF	CITATIONS
37	How Subtle Can It Get?. , 2020, 4, 1-29.		10
38	PARA: Privacy Management and Control in Emerging IoT Ecosystems using Augmented Reality. , 2021, , .		10
39	Contact duration aware evaluation for content dissemination delay in mobile social network. Wireless Communications and Mobile Computing, 2015, 15, 527-537.	1.2	9
40	Using Deep Learning and Mobile Offloading to Control a 3D-printed Prosthetic Hand. , 2019, 3, 1-19.		9
41	An Empirical Study of Human Altruistic Behaviors in Opportunistic Networks. , 2015, , .		8
42	Pervasive Communities in the Internet of People. , 2018, , .		8
43	Portfolio Optimization in Traffic Offloading: Concept, Model, and Algorithms. IEEE Transactions on Mobile Computing, 2021, 20, 691-706.	5.8	8
44	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
45	Theophany. , 2021, , .		8
46	Predicting search time when hunting for multiple moving targets: A recursive harmonic law. Chaos, 2018, 28, 083109.	2.5	7
47	Settling for less. Performance Evaluation Review, 2011, 39, 49-51.	0.6	6
48	Adaptive wakeup scheduling based on power-law distributed contacts in delay tolerant networks. , 2014, , .		5
49	StoreSim: Optimizing Information Leakage in Multicloud Storage Services. , 2015, , .		4
50	AI on the Move: From On-Device to On-Multi-Device. , 2019, , .		4
51	COSINE: Collaborator Selector for Cooperative Multi-Device Sensing and Computing. , 2020, , .		3
52	Evidence-Aware Mobile Cloud Architectures. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 65-84.	0.7	3
53	Maximizing timely content advertising in DTNs. , 2012, , .		2
54	Sensorclone. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
55	Path Formation in Human Contact Networks. Springer Optimization and Its Applications, 2012, , 349-385.	0.9	1
56	Human Data Model. ACM Transactions on Computing for Healthcare, 2020, 1, 1-39.	5.0	1
57	Modeling the communication contacts in roadside unit aided vehicles opportunistic networks. , 2013, , .		0