Polly Huang

List of Publications by Year
in descending order

28 papers	842 citations	759233 12 h-index	888059 17 g-index
29 all docs	29 docs citations	29 times ranked	734 citing authors

#	Article	IF	Citations
1	Quantifying Skype user satisfaction. Computer Communication Review, 2006, 36, 399-410.	1.8	115
2	Sensor-assisted wi-fi indoor location system for adapting to environmental dynamics. , 2005, , .		113
3	How sensitive are online gamers to network quality?. Communications of the ACM, 2006, 49, 34-38.	4.5	98
4	Game traffic analysis: An MMORPG perspective. Computer Networks, 2006, 50, 3002-3023.	5.1	93
5	Could Skype be more satisfying? a QoE-centric study of the FEC mechanism in an internet-scale VoIP system. IEEE Network, 2010, 24, 42-48.	6.9	58
6	Effect of Network Quality on Player Departure Behavior in Online Games. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 593-606.	5.6	53
7	Identifying MMORPG Bots: A Traffic Analysis Approach. Eurasip Journal on Advances in Signal Processing, 2008, 2009, .	1.7	34
8	Impact of sensor-enhanced mobility prediction on the design of energy-efficient localization. Ad Hoc Networks, 2008, 6, 1221-1237.	5.5	29
9	A Smart Kitchen for Nutrition-Aware Cooking. IEEE Pervasive Computing, 2010, 9, 58-65.	1.3	27
10	Rapid Prototyping for Wildlife and Ecological Monitoring. IEEE Systems Journal, 2010, 4, 198-209.	4.6	21
11	A Collaborative Transcoding Strategy for Live Broadcasting Over Peer-to-Peer IPTV Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 220-224.	8.3	16
12	On prophesying online gamer departure. , 2009, , .		14
13	On the challenge and design of transport protocols for MMORPGs. Multimedia Tools and Applications, 2009, 45, 7-32.	3.9	13
14	PipeProbe: Mapping Spatial Layout of Indoor Water Pipelines. , 2009, , .		13
15	Energy-Efficient Boundary Detection for RF-Based Localization Systems. IEEE Transactions on Mobile Computing, 2009, 8, 29-40.	5.8	11
16	Magnetic diffusion: Scalability, reliability, and QoS of data dissemination mechanisms for wireless sensor networks. Computer Communications, 2006, 29, 2482-2493.	5.1	10
17	A mobile mediation tool for improving interaction between depressed individuals and caregivers. Personal and Ubiquitous Computing, 2011, 15, 695-706.	2.8	9
18	Towards long-term mobility tracking in NTU hospital's elder care center. , 2011, , .		9

#	ARTICLE	IF	CITATIONS
19	Modeling the QoE of Rate Changes in Skype/SILK VoIP Calls. IEEE/ACM Transactions on Networking, 2014, 22, 1781-1793.	3.8	8
20	TriopusNet: Automating wireless sensor network deployment and replacement in pipeline monitoring. , 2012, , .		7
21	XD: A Cross-Layer Designed Data Collection Mechanism for Mission-Critical WSNs in Urban Buildings. , 2009, , .		6
22	On the potential of sensor-enhanced active RFIDs. , 0, , .		5
23	The impact of network variabilities on TCP clocking schemes. , 0, , .		2
24	GEN02-3: On the Search of Internet AS-level Topology Invariants. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
25	WSN-based real-time indoor location system at the Taipei World Trade Center: Implementation, deployment, measurement, and experience. , 2012, , .		2
26	ThermalProbe: Exploring the Use of Thermal Identification for Per-User Energy Metering. , 2014, , .		2
27	Emergency alarm system: prototype and experience. , 0, , .		0
28	Quantifying the effect of content-based transport strategies for online role playing games. , 2008, , .		0