

Yuji Oie

List of Publications by Year in descending order

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69
papers

331
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11
g-index

70
all docs

70
docs citations

70
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Service-oriented mobility management architecture for seamless handover in ubiquitous networks. IEEE Wireless Communications, 2007, 14, 28-34.	6.6	23
2	On Spatially-Aware Channel Selection in Dynamic Spectrum Access Multi-Hop Inter-Vehicle Communications. , 2009, , .		23
3	Demonstration of Vehicle to Vehicle Communications over TV White Space. , 2011, , .		23
4	Survey of switching techniques in high-speed networks and their performance. International Journal of Satellite Communications and Networking, 1991, 9, 285-303.	0.6	20
5	Proportional rate-based congestion control under long propagation delay. International Journal of Communication Systems, 1995, 8, 79-89.	1.6	18
6	Handover management based on the number of data frame retransmissions for VoWLAN. Computer Communications, 2007, 30, 3257-3269.	3.1	17
7	CapStart: An Adaptive TCP Slow Start for High Speed Networks. , 2009, , .		15
8	Cognitive Radio-Aware Transport Protocol for Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2015, 14, 288-301.	3.9	12
9	Congestion control for bursty video traffic in ATM networks. Electronics and Communications in Japan, 1992, 75, 13-23.	0.1	11
10	Field tests and indoor emulation of distributed autonomous multi-hop vehicle-to-vehicle communications over TV white space. Mobile Computing and Communications Review, 2013, 16, 54-57.	1.7	11
11	Development of Access Point Selection Architecture with Avoiding Interference For WLANs. , 2006, , .		10
12	A framework for network media optimization in multihomed QoS networks. , 2005, , .		9
13	Implementation and Performance Evaluation of Distributed Autonomous Multi-Hop Vehicle-to-Vehicle Communications over TV White Space. Mobile Networks and Applications, 2015, 20, 203-219.	2.2	9
14	An implementation design of a cross-layer handover method with multi-path transmission for VoIP communication. Ad Hoc Networks, 2014, 13, 462-475.	3.4	7
15	Multi-class QoS routing strategies based on the network state. Computer Communications, 2005, 28, 1348-1355.	3.1	6
16	Implementation Design of Handover Management Scheme for Efficient Multimodal Communication. , 2008, , .		6
17	Locating congested segments over the Internet by clustering the delay performance of multiple paths. Computer Communications, 2009, 32, 1642-1654.	3.1	6
18	Design of Wireless Sensor Network for Multi-Point Surveillance of a Moving Target Based on the Relationship Between Tracking Probability and Sensor Density. , 2009, , .		6

#	ARTICLE	IF	CITATIONS
19	Design and Implementation of Cross-layer Architecture for Seamless VoIP Handover. , 2007, , .		5
20	An efficient handover decision method based on frame retransmission and data rate for multi-rate WLANs. Ad Hoc Networks, 2013, 11, 324-338.	3.4	5
21	Evolutionary P2P Networking That Fuses Evolutionary Computation and P2P Networking Together. IEICE Transactions on Communications, 2010, E93-B, 317-327.	0.4	5
22	Out-of-sequence packet arrivals due to layer 2 ARQ and its impact on TCP performance in W-CDMA networks. , 0, , .		4
23	Network-Supported TCP Rate Control for High-Speed Power Line Communications. , 2009, , .		4
24	Network-supported TCP rate control for the coexistence of multiple flows in IP over PLC. , 2012, , .		4
25	QoS-Aware Packet Chunking Schemes for M2M Cloud Services. , 2014, , .		4
26	A database driven data channel selection scheme for V2V communication over TV white space. , 2015, , .		4
27	Performance Analysis for QoS Provisioning in MPLS Networks. Telecommunication Systems, 2004, 25, 209-230.	1.6	3
28	A Simple Multi-point Surveillance Scheme of a Moving Target for Wireless Sensor Networks. , 2007, , .		3
29	Handover Management Based on the Number of Frame Retransmissions for TCP Over WLANs. , 2007, , .		3
30	Proactive AP Selection Method Considering the Radio Interference Environment. IEICE Transactions on Information and Systems, 2009, E92-D, 1867-1876.	0.4	3
31	Seamless handover management scheme under multi-rate WLANs. , 2010, , .		3
32	Capacity and Congestion Probing: TCP Congestion Avoidance via Path Capacity and Storage Estimation. , 2010, , .		3
33	Access Load Balancing with Analogy to Thermal Diffusion for Dynamic P2P File-Sharing Environments. IEICE Transactions on Communications, 2010, E93-B, 1140-1150.	0.4	3
34	Dynamic and Decentralized Storage Load Balancing with Analogy to Thermal Diffusion for P2P File Sharing. IEICE Transactions on Communications, 2010, E93-B, 525-535.	0.4	3
35	Expansion of lightwave network rooknet: TDMA RookNet. Electronics and Communications in Japan, 1995, 78, 36-45.	0.1	2
36	Analysis of packet loss in transport layer over ATM networks. International Journal of Communication Systems, 1997, 10, 181-192.	1.6	2

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37	A reconfigurative algorithm for Torus lightwave networks. Electronics and Communications in Japan, 1999, 82, 34-44.	0.1	2
38	A new task scheduling method for distributed programs that require memory management. Concurrency Computation Practice and Experience, 2006, 18, 941-958.	1.4	2
39	Scaling properties of complex networks: Towards Wilsonian renormalization for complex networks. , 2008, , .		2
40	Proposal of New Layer of Indirection between Application and Transport Layers for Flexible Communications in IP Networks. , 2008, , .		2
41	Performance Evaluation of Disjoint Path Routing for Multi-interface Multi-channel Wireless Mesh Network. , 2008, , .		2
42	Practical performance evaluation of VoWLAN handover based on frame retries. , 2009, , .		2
43	Parallel Evolutionary P2P Networking for Realizing Adaptive Large-Scale Networks. , 2011, , .		2
44	New performance estimation scheme and applications for broadband communications over power lines in the home. , 2011, , .		2
45	Inducing Scale-Free Characteristics of Dynamic Unstructured P2P Networks. , 2012, , .		2
46	Cooperative transmission scheme between PLC and WLAN to improve TCP performance. , 2013, , .		2
47	An Effectiveness Evaluation of PLC/WLAN Cooperative Transmission Scheme under Practical Network Environment. , 2014, , .		2
48	Adaptive Multi-Class QoS Routing Algorithm for Dynamic Traffic Engineering. , 2006, , .		1
49	Implementation and Experimental Evaluation of On-Line Simulation Server for OSPF-TE. , 2007, , .		1
50	Design and implementation of an inter-domain TCP handover management method in ubiquitous WLANs. , 2009, , .		1
51	Self-configuration of Wireless Access Points Based on Mechanisms of Biological Development and Evolution. , 2010, , .		1
52	A perfSONAR-based Integrated Multi-domain Network Measurement Platform -- Internet Monitoring as a Service. , 2011, , .		1
53	Self-Adaptive Routing for Temporary Information Sharing in Wireless Mesh Networks. , 2011, , .		1
54	A broad/narrow PLC dual channel system improving TCP throughput. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
55	An Implementation Design of a WLAN Handover Method Based on Cross-Layer Collaboration for TCP Communication. IEICE Transactions on Communications, 2013, E96.B, 1716-1726.	0.4	1
56	Effective data collection scheme for real-spatial group communication over hybrid infra-ad hoc wireless networks. IEICE Communications Express, 2017, 6, 120-125.	0.2	1
57	Performance evaluation of backpressure congestion control for an ATM switch with input queuing. Electronics and Communications in Japan, 1998, 81, 38-46.	0.1	0
58	Performance evaluation of backpressure congestion control in the multistage model. Electronics and Communications in Japan, 2000, 83, 15-26.	0.1	0
59	Performance evaluation of a multihop network, GEMNET. Electronics and Communications in Japan, 2000, 83, 27-36.	0.1	0
60	Performance evaluation of TCP under dynamic allocation scheme for down-link transmission rate in W-CDMA systems. Wireless Communications and Mobile Computing, 2004, 4, 223-232.	0.8	0
61	Implementation and Experimental Evaluation of On-Line Simulation Server for OSPF-TE. , 2007, , .		0
62	Query-trail-mediated topology reconstruction for exploring performance trade-off in unstructured P2P networks. International Journal of Hybrid Intelligent Systems, 2008, 5, 97-108.	0.9	0
63	Complex Routing for Temporary Information Sharing in Wireless Mesh Networks. , 2009, , .		0
64	Folksonomical P2P File Sharing Networks Using Vectorized KANSEI Information as Search Tags. IEICE Transactions on Information and Systems, 2009, E92-D, 2402-2415.	0.4	0
65	Transmission Control Protocols Evaluation over Satellite Networks. , 2010, , .		0
66	Effectiveness of priority and path control schemes for grid applications. , 2011, , .		0
67	Query-Trail-Mediated Cooperative Behaviors of Peers in Unstructured P2P File Sharing Networks. IEICE Transactions on Information and Systems, 2011, E94-D, 1966-1980.	0.4	0
68	Efficient quality of service-aware packet chunking scheme for machine-to-machine cloud services. Concurrency Computation Practice and Experience, 2017, 29, e4063.	1.4	0
69	Parallel Transferable Uniform Multi-Round Algorithm for Minimizing Makespan. IEICE Transactions on Communications, 2012, E95.B, 1669-1678.	0.4	0