Takeshi Ikenaga

List of Publications by Year
in descending order

73 papers	228 citations	1683354 5 h-index	1588620 8 g-index
75 all docs	75 docs citations	75 times ranked	121 citing authors

#	Article	IF	Citations
1	ROD-SAN: Energy-Efficient and High-Response Wireless Sensor and Actuator Networks Employing Wake-Up Receiver. IEICE Transactions on Communications, 2016, E99.B, 1998-2008.	0.4	17
2	Performance Evaluation of Power Saving Scheme with Dynamic Transmission Capacity Control. , 2009, , .		15
3	Radio-On-Demand Sensor and Actuator Networks (ROD-SAN): System Design and Field Trial. , 2015, , .		14
4	A flow-based detection method for stealthy dictionary attacks against Secure Shell. Journal of Information Security and Applications, 2015, 21, 31-41.	1.8	14
5	Performance Evaluation of Multi-Rate Communication in Wireless LANs. , 2010, , .		11
6	SSH Dictionary Attack Detection Based on Flow Analysis. , 2012, , .		8
7	Regional InfoHubs by vehicles. , 2016, , .		8
8	Estimating the Randomness of Domain Names for DGA Bot Callbacks. IEEE Communications Letters, 2018, 22, 1378-1381.	2.5	8
9	Multi-class QoS routing strategies based on the network state. Computer Communications, 2005, 28, 1348-1355.	3.1	6
10	Compressing Packets Adaptively Inside Networks. , 2009, , .		6
11	Advanced Relay Nodes for Adaptive Network Services - Concept and Prototype Experiment. , 2010, , .		6
12	Compressing Packets Adaptively Inside Networks. IEICE Transactions on Communications, 2010, E93-B, 501-515.	0.4	6
13	Power saving scheme with low-utilization station aggregation for Radio-On-Demand Networks. , 2011, , .		5
14	A Design and Prototyping of In-Network Processing Platform to Enable Adaptive Network Services. IEICE Transactions on Information and Systems, 2013, E96.D, 238-248.	0.4	5
15	Dynamic transmission capacity control schemes for power saving using a mixture of the history and the latest information. , 2010, , .		4
16	Multiple Station Aggregation Procedure for Radio-On-Demand WLANs. , 2012, , .		4
17	Multipath TCP path schedulers for streaming video. , 2017, , .		4
18	Development of Single Sign-On System with Hardware Token and Key Management Server. , 2007, , .		3

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19	Path selection scheme for traffic load distribution considering the characteristics of network topology. , 2009, , .		3
20	Development of Single Sign-On System with Hardware Token and Key Management Server. IEICE Transactions on Information and Systems, 2009, E92-D, 826-835.	0.4	3
21	Performance Evaluation of Power Saving Scheme for Wireless LAN with Station Aggregation. , 2011, , .		3
22	Effects of routing granularity on communication performance in OpenFlow networks. , 2011, , .		3
23	Splitting TCP Connections Adaptively Inside Networks. IEICE Transactions on Information and Systems, 2012, E95-D, 542-545.	0.4	3
24	Identifying User Authentication Methods on Connections for SSH Dictionary Attack Detection. , 2013, , .		3
25	On demand routing scheme for real-spatial information based group communication. , 2015, , .		3
26	Adaptive contention window control scheme for dense IEEE802.11 wireless LANs. , 2015, , .		3
27	Efficient Data Diffusion and Elimination Control Method for Spatio-Temporal Data Retention System. IEICE Transactions on Communications, 2021, E104.B, 805-816.	0.4	3
28	Transmission Control Method for Data Retention Taking into Account the Low Vehicle Density Environments. IEICE Transactions on Information and Systems, 2021, E104.D, 508-512.	0.4	3
29	Management and Realization of SLA for Providing Network QoS. Lecture Notes in Computer Science, 2001, , 398-408.	1.0	3
30	Disjoint Path Routing for Multi-Channel Multi-Interface Wireless Mesh Network. International Journal of Computer Networks and Communications, 2011, 3, 165-178.	0.3	3
31	On-Demand Transmission Interval Control Method for Spatio-Temporal Data Retention. Advances in Intelligent Systems and Computing, 2020, , 319-330.	0.5	3
32	Increasing the network performance using multiple tables based QoS routing with load balance. , 2005, , .		2
33	Performance Evaluation of Disjoint Path Routing for Multi-interface Multi-channel Wireless Mesh Network. , 2008, , .		2
34	Centralized association management for Radio-On-Demand Networks. , 2011, , .		2
35	A simple priority control mechanism for performance improvement of Mobile Ad-hoc Networks. , 2011, , .		2
36	Routing Metric Based on Node Degree for Load-Balancing in Large-Scale Networks. , 2011, , .		2

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37	Performance Evaluation of the Transmission Control Protocols with the Dynamic Link Control Scheme for Power Saving. , 2012, , .		2
38	Station aggregation scheme considering channel interference for radio on demand networks. , 2013, , .		2
39	Autonomous Data Transmission Control Based on Node Density for Multiple Spatio-Temporal Data Retention. , 2018, , .		2
40	Path Switching Schedulers for MPTCP Streaming Video. , 2019, , .		2
41	Adaptive Server and Path Switching Scheme for Content Delivery Network. , 2019, , .		2
42	TCP Using Adaptive FEC to Improve Throughput Performance in High-Latency Environments. IEICE Transactions on Communications, 2019, E102.B, 537-544.	0.4	2
43	Adaptive Server and Path Switching for Content Delivery Networks. IEICE Transactions on Information and Systems, 2020, E103.D, 2389-2393.	0.4	2
44	Transmission Channel Switching Based on Channel Utilization in ROD-SAN. Communications in Computer and Information Science, 2015, , 129-138.	0.4	2
45	Study on Autonomous Outing Support Service for the Visually Impaired. Advances in Intelligent Systems and Computing, 2020, , 713-722.	0.5	2
46	Data Completeness-aware Transmission Control for Large Spatio-Temporal Data Retention. , 2022, , .		2
47	Adaptive Multi-Class QoS Routing Algorithm for Dynamic Traffic Engineering. , 2006, , .		1
48	Split connection scheme for session-based group communication. , 2009, , .		1
49	Autonomous dynamic transmission scheduling based on neighbor node behavior for multihop wireless networks. , 2012, , .		1
50	Transparent caching scheme on advanced relay nodes for streaming services. , 2012, , .		1
51	Redundancy control and duplicate ACK suppression methods for TCP with FEC. , 2013, , .		1
52	Performance evaluation of multi-hop communication with a dynamic channel switching scheme in ROD-SAN. , 2015, , .		1
53	Improving TCP throughput using forward error correction*. IEICE Communications Express, 2017, 6, 28-33.	0.2	1
54	Reliable Transmission with Multipath and Redundancy for Wireless Mesh Networks. Lecture Notes in Computer Science, 2014, , 755-767.	1.0	1

#	Article	IF	Citations
55	A Dynamic Channel Switching for ROD-SAN. IEICE Transactions on Information and Systems, 2019, E102.D, 920-931.	0.4	1
56	<title>Novel buffer management scheme to moderate negative effects between TCP and UDP</title>., 2001, , .		0
57	<title>Performance evaluation of TCP under dynamic allocation scheme for down link transmission rate in W-CDMA systems</title>., 2002, 4869, 125.		0
58	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
59	Connection control methods in session migration between access terminals. , 2009, , .		0
60	Streaming Media Caching on Advanced Relay Nodes. , 2009, , .		0
61	An effective simple method to reduce bandwidth usage over an access link in IPTV multicast delivery services. , 2010, , .		0
62	A network reconfiguration scheme against misbehaving nodes. , 2010, , .		0
63	Performance Evaluation of Priority and Path Control Schemes for Grid Applications. , 2010, , .		0
64	Effectiveness of priority and path control schemes for grid applications. , 2011, , .		0
65	Adaptive network services on advanced relay nodes. , 2011, , .		0
66	Performance Evaluation of Transmission Order Control on Relay Nodes in Multi-hop Wireless Networks. , 2013, , .		0
67	Expiration Timer Control Method for QoS-Aware Packet Chunking. , 2014, , .		0
68	Dynamic transmission control to save power considering communication quality. , 2014, , .		0
69	Station Reassociation Scheme for Wireless Green Networking. Procedia Computer Science, 2014, 32, 1147-1153.	1.2	0
70	Radio-On-Demand Sensor and Actuator Networks (ROD-SAN): System Design and Field Trial. , 2014, , .		0
71	A New Approach to Identify User Authentication Methods toward SSH Dictionary Attack Detection. IEICE Transactions on Information and Systems, 2015, E98.D, 760-768.	0.4	0
72	An Approach for Identifying Malicious Domain Names Generated by Dictionary-Based DGA Bots. IEICE Transactions on Information and Systems, 2021, E104.D, 669-672.	0.4	0

#	Article	IF	Citations
73	A Self-adaptive Reliable Packet Transmission Scheme for Wireless Mesh Networks. Lecture Notes in Computer Science, 2014, , 781-793.	1.0	0