

Yoshiaki Taniguchi

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

212
citations

1684188

5
h-index

1372567

10
g-index

67
all docs

67
docs citations

67
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an Acoustic Spot Data Communication System Using Multiple Parametric Array Loudspeakers. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 151-153.	1.4	1
2	A Conversion System Based on Acoustic Communication for Using Bluetooth Low Energy Sensors Underwater. , 2022, , .		0
3	A Conversion System Based on Acoustic Communication for Using Bluetooth Low Energy Sensors Underwater. , 2021, , .		0
4	A BLE-based Monitoring System for Estimating Congestion on University Campuses. , 2021, , .		1
5	A Study on Device Identification from BLE Advertising Packets with Randomized MAC Addresses. , 2021, , .		4
6	Evaluation of Data Forwarding Methods For Fish Farm Monitoring System With Energy Harvesting. , 2021, , .		1
7	A System for Supporting Creation of Procedure Manuals for Network Device Configuration. , 2020, , .		0
8	Person Recognition Using Wi-Fi Channel State Information in an Indoor Environment. , 2020, , .		3
9	A Practical Exercise System Using Virtual Machines for Learning Cross-Site Scripting Countermeasures. , 2020, , .		0
10	A System for Monitoring Social Distancing Using Microcomputer Modules on University Campuses. , 2020, , .		12
11	A Distributed Jamming Signal Transmission Method Considering Node Density to Prevent Eavesdropping in Wireless Networks. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 1275-1276.	1.4	1
12	A system for monitoring farmed fish via LED-based visible light communication. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 1725-1726.	1.4	4
13	A system for supporting practice of lure casting using acceleration and gyroscope sensors. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 804-805.	1.4	0
14	Development of Instructor Support Function for Cloud-based IP Networking Practice System. , 2019, , .		0
15	A Network Device Setting Support System Enabling Dual Check of Operation Command on Remote Site. , 2019, , .		1
16	A Routing Method for Fish Farm Monitoring Under Short Transmission Range Condition. IEICE Transactions on Information and Systems, 2018, E101.D, 2145-2149.	0.7	3
17	A Method for Gathering Sensor Data for Fish-Farm Monitoring Considering the Transmission-Range Volume. IEICE Transactions on Information and Systems, 2018, E101.D, 808-811.	0.7	2
18	Tandem Equipment Arranged Architecture with Exhaust Heat Reuse System for Software-Defined Data Center Infrastructure. IEEE Transactions on Cloud Computing, 2017, 5, 182-192.	4.4	17

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19	A system to support learning of OpenFlow network by visually associating controller configuration information and logical topology. , 2017, , .		0
20	A Desynchronization-Based Data Gathering Mechanism for a Fish Farm Monitoring Environment. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2017, E100.A, 2547-2550.	0.3	7
21	A Method for Gathering Sensor Data from Farmed Fish under Limited Transmission Range Condition. , 2017, , .		1
22	A Method for Selecting Jamming Nodes Considering SINR to Prevent Eavesdropping in Wireless Networks. , 2017, , .		2
23	Design and Evaluation of a Proxy-Based Monitoring System for OpenFlow Networks. Scientific World Journal, The, 2016, 2016, 1-10.	2.1	4
24	A Data Gathering Method Considering Volume of Transmission Range for Fish Farm Monitoring. , 2016, , .		3
25	A Simulation Study of Effect of Fish Body Size on Communication Performance in a Fish Farm Monitoring Environment. , 2016, , .		2
26	A Study on Road Surface Condition Monitoring System Using Bicycle-Mounted Grid Laser Light. , 2016, , .		2
27	A Video Scene Detection of the Instantaneous Motion by Farmed Fry. , 2016, , .		1
28	A System for Supporting Migration to Overlay OpenFlow Network Using OpenStack. , 2016, , .		1
29	A study on pseudo cooperative practice in a cloud-based hands-on IP network practice system. , 2016, , .		0
30	A Workload Assignment Policy for Reducing Power Consumption in Software-Defined Data Center Infrastructure. IEICE Transactions on Communications, 2016, E99.B, 347-355.	0.7	1
31	Experimental Evaluation of a WiFi Device in an Undersea Environment. , 2015, , .		0
32	A study on attacker agent in virtual machine-based network security learning system. , 2015, , .		1
33	Evaluation of a Bicycle-Mounted Ultrasonic Distance Sensor for Monitoring Road Surface Condition. , 2015, , .		14
34	Tracking Pedestrians across Multiple Microcells Based on Successive Bayesian Estimations. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	0
35	A Study on Radio Interference Estimation Method for Wireless Relay Network Link Scheduling. , 2014, , .		1
36	Impact of workload assignment on power consumption in software-defined data center infrastructure. , 2014, , .		9

#	ARTICLE	IF	CITATIONS
37	Multiple regression analysis of IEEE 802.16j relay network throughput. , 2014, , .		2
38	Desynchronization-based weighted scheduling adaptive to traffic load for wireless networks. , 2014, , .		5
39	Comparative evaluation of heuristics for time slot assignment in IEEE 802.16j relay networks. , 2014, , .		0
40	Pedestrian counting with grid-based binary sensors based on Monte Carlo method. SpringerPlus, 2014, 3, 299.	1.2	5
41	An Interdomain Overlay Network Based on ISP Alliances for Economically Efficient Interdomain Traffic Routing. IEICE Transactions on Information and Systems, 2014, E97.D, 3163-3170.	0.7	0
42	Effect of Radio Interference Models on the Performance of Time Slot Assignment Algorithms in IEEE 802.16j Relay Networks. , 2013, , .		1
43	Time slot-adding algorithm for improving bottleneck link throughput in IEEE 802.16j relay networks. , 2013, , .		4
44	The Implications of Overlay Routing for ISPs' Peering Strategies. IEICE Transactions on Information and Systems, 2013, E96.D, 1115-1124.	0.7	1
45	Bayesian Estimation-Based Pedestrian Tracking in Microcells. Scientific World Journal, The, 2013, 2013, 1-10.	2.1	2
46	Self-organizing Transmission Scheduling Considering Collision Avoidance for Data Gathering in Wireless Sensor Networks. Journal of Communications, 2013, 8, 389-397.	1.6	12
47	A Routing Strategy for Multihomed ISP to Mitigate the Impact of Overlay Traffic. IEICE Transactions on Information and Systems, 2013, E96.D, 193-201.	0.7	0
48	An Energy-Efficient Data Gathering Mechanism using Traveling Wave and Spatial Interpolation for Wireless Sensor Networks. Journal of Information Processing, 2012, 20, 167-176.	0.4	1
49	Determining Coverage Area Using Voronoi Diagram Based on Local Information for Wireless Mesh Networks. , 2012, , .		6
50	A game-theoretic analysis of interaction between overlay routing and multihoming. , 2012, , .		0
51	Monte Carlo-based Bi-directional pedestrian counting with compound-eye sensor. , 2012, , .		1
52	Self-organizing transmission scheduling mechanisms using a pulse-coupled oscillator model for wireless sensor networks. , 2012, , .		0
53	Time Slot Assignment Algorithms to Upstream Links for Decreasing Transmission Latency in IEEE 802.16j Networks. IEICE Transactions on Communications, 2012, E95.B, 1793-1801.	0.7	0
54	Parameter Tuning of the Protocol Interference Model Using SINR for Time Slot Assignment in Wireless Mesh Networks. IEICE Transactions on Information and Systems, 2011, E94-D, 2191-2200.	0.7	1

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55	SHOT: Scenario-Type Hypothesis Object Tracking with Indoor Sensor Networks. IEICE Transactions on Information and Systems, 2011, E94-D, 1035-1044.	0.7	1
56	A uniform airdrop deployment method for large-scale wireless sensor networks. International Journal of Sensor Networks, 2011, 9, 182.	0.4	27
57	Autonomous data gathering mechanism with transmission reduction for wireless sensor networks. , 2011, , .		2
58	Time Slot Assignment Algorithms in IEEE 802.16 Multi-hop Relay Networks. , 2010, , .		8
59	An Object Tracking Method based on Scenario-Type Hypothesis Tracking in Segmented Multiple Regions. , 2010, , .		2
60	Improving Coverage Area Quality Using Physical Topology Information in IEEE 802.16 Mesh Networks. , 2009, , .		1
61	An Autonomous Data Gathering Scheme Adaptive to Sensing Requirements for Industrial Environment Monitoring. , 2008, , .		4
62	A traveling wave-based self-organizing communication mechanism for WSNs. , 2007, , .		1
63	A Communication Mechanism using Traveling Wave Phenomena for Wireless Sensor Networks. , 2007, , .		3
64	A Self-Organizing Communication Mechanism using Traveling Wave Phenomena for Wireless Sensor Networks. , 2007, , .		7
65	A Traveling Wave based Communication Mechanism for Wireless Sensor Networks. Journal of Networks, 2007, 2, .	0.4	16
66	<title>Implementation and evaluation of cooperative proxy caching mechanisms for video streaming services</title>. , 2004, , .		0
67	A Device for Visualizing <scp>Wi-Fi</scp> Frames Using an <scp>LED</scp> Panel. IEJ Transactions on Electrical and Electronic Engineering, 0, , .	1.4	0