Yuusuke Kawakita

List of Publications by Year
in descending order

47 papers	195 citations	1937685 4 h-index	1588992 8 g-index
47 all docs	47 docs citations	47 times ranked	88 citing authors

#	Article	IF	Citations
1	Anti-collision performance of Gen2 Air Protocol in Random Error Communication Link. , 0, , .		37
2	Personalized Clothing-Recommendation System Based on a Modified Bayesian Network. , 2012, , .		16
3	A feasibility study on simultaneous data collection from multiple sensor RF tags with multiple subcarriers. , 2014, , .		16
4	Perfectly Synchronized Streaming From Multiple Digitally Modulated Backscatter Sensor Tags. IEEE Journal of Radio Frequency Identification, 2019, 3, 149-156.	2.3	14
5	Concurrent Backscatter Streaming from Batteryless and Wireless Sensor Tags with Multiple Subcarrier Multiple Access. IEICE Transactions on Communications, 2017, E100.B, 2121-2128.	0.7	10
6	Frequency Efficient Subcarrier Spacing in Multicarrier Backscatter Sensors System. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2019, E102.A, 1834-1841.	0.3	9
7	Rendezvous enhancement for conference support system based on RFID. , 2004, , .		8
8	Comparative Analysis on Channel Allocation Schemes in Multiple Subcarrier Passive Communication System. IEICE Transactions on Communications, 2015, E98.B, 1777-1784.	0.7	8
9	Multi-carrier backscatter communication system for concurrent wireless and batteryless sensing. , 2017, , .		6
10	Active RFID Attached Object Clustering Method with New Evaluation Criterion for Finding Lost Objects. Mobile Information Systems, 2017, 2017, 1-12.	0.6	5
11	An Approach to Renewable-Energy Dominant Grids via Distributed Electrical Energy Platform for IoT Systems. , 2019, , .		5
12	USE OF RFID AT LARGE-SCALE EVENTS. IATSS Research, 2005, 29, 31-39.	3.4	4
13	Dynamic Spectrum Sensing for Energy Harvesting Wireless Sensor. , 2013, , .		4
14	Perfectly Synchronized Streaming from Digitally Modulated Multiple Backscatter Sensor Tags. , 2018, , .		4
15	Method for estimation of distance between objects and its application for finding lost objects. , 2012, , .		3
16	Feature Quantity for Universal Receivers to Identify Protocols of Radio Services and Devices. , 2013, , .		3
17	Active RFID attached object clustering method based on RSSI series for finding lost objects. , 2015, , .		3
18	Monopulse switching to cancel phase offset in array antenna comprising multiple COTS SDRs. , 2016, , .		3

#	Article	IF	Citations
19	Controlling of communication connection range using acoustic waves emitted from smartphones. Journal of Reliable Intelligent Environments, 2018, 4, 75-87.	5.2	3
20	Frequency Efficient Concurrent Data Streaming with Passive Backscatter Wireless Sensors. , 2018, , .		3
21	Real-Time Separation of Collided Signals in Multiple Zones Backscatter Communication System. , 2019, , .		3
22	Concurrent backscatter streaming with batteryless sensors for wireless motion capture applications. , 2021, , .		3
23	Efficient Frequency Sharing of Baseband and Subcarrier Coding UHF RFID Systems. IEICE Transactions on Communications, 2009, E92-B, 3794-3802.	0.7	3
24	Performance Evaluation of Variable Bandwidth Channel Allocation Scheme in Multiple Subcarrier Multiple Access. IEICE Transactions on Communications, 2018, E101.B, 564-572.	0.7	3
25	Virtual grid for renewable energy society. , 2015, , .		2
26	Remote implementation of GNU radio-based SDR development environment. , 2016, , .		2
27	Inter-zone interference avoidance using channel reservation in multiple subcarrier multiple access scheme. , 2017, , .		2
28	Reference node selection for range-based localization using hierarchical clustering. , 2018, , .		2
29	Permissible Link Quality for RFID Anti-Collision in a Practical Environment. IEICE Transactions on Communications, 2008, E91-B, 1480-1489.	0.7	2
30	A Resource Analysis of Radio Space Distribution for the Wide-Area Virtualization of Wireless Transceivers. IEICE Transactions on Communications, 2014, E97.B, 1800-1807.	0.7	2
31	Simultaneous Gen2 Inventory and Angle of Arrival Measurement of Backscatter Signals with Multiple Commodity SDRs. , 2020, , .		2
32	Wireless Modal Testing With Multiple Battery-Free Backscatter Sensors. IEEE Journal of Radio Frequency Identification, 2022, 6, 299-306.	2.3	2
33	Normalization method for online learning on radio access technology identification in cognitive radio. , 2017, , .		1
34	SDR processing delay estimation applying correlation detection for structure health monitoring using multi-subcarrier multiple access. , 2017, , .		1
35	Controlling Power Supply Paths in VG Hub Networks Using a Hybrid Type Control Algorithm. Ambient Intelligence and Smart Environments, 2022, , .	0.3	1
36	Load-Adaptive Indexing Method for Schema-less Searches. , 2014, , .		0

#	Article	IF	Citations
37	Improvement in multiple access channel allocation for sensor node configuration based on RFID communication. , 2015, , .		0
38	File System Level Compression of Radio Space Information Storage System for Sensor Platform. , 2015, , .		0
39	Analysis on data compression of two-stage sensing for cognitive radio. , 2018, , .		0
40	GNU Radio-based Cloud Development Environment for Software-defined Radio Users. Journal of Information Processing, 2019, 27, 287-296.	0.4	0
41	Statistical Carrier Phase Recovery for Narrow-band Backscatter Wireless Link. , 2019, , .		0
42	Positioning Method for Various Indoor Sound Sources by Detecting Reception Time Difference using Cross-power Spectrum Phase Analysis and its Experimental Evaluation. Journal of the Institute of Positioning Navigation and Timing of Japan, 2019, 10, 23-32.	0.2	0
43	Normalization of Radio Feature for Online Learning for Identification in Cognitive Radio. SICE Journal of Control Measurement and System Integration, 2019, 12, 134-141.	0.7	0
44	Simultaneous Gen2 Inventory and Angle of Arrival Measurement of Backscatter Signals with Multiple Commodity SDRs. IEEE Journal of Radio Frequency Identification, 2021, , 1-1.	2.3	0
45	Development of SDR Processing Delay Measurement System for Structural Health Monitoring Using Multi-subcarrier Multiple Access. Transactions of the Society of Instrument and Control Engineers, 2017, 53, 564-566.	0.2	0
46	Channel Reservation by Even-odd Separation in Multiple Subcarrier Multiple Access. , 2019, , .		0
47	Faster channel allocation by relaxing the threshold of the terminal judgment of DCRO control and reducing the number of initial calibrations in backscatter synchronous streaming protocols. IEICE Communications Express, 2022, 11, 485-490.	0.4	0