

Yuusuke Kawakita

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2475896/publications.pdf>

Version: 2024-02-01

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	Wireless Modal Testing With Multiple Battery-Free Backscatter Sensors. IEEE Journal of Radio Frequency Identification, 2022, 6, 299-306.	2.3	2
2	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
3	Controlling Power Supply Paths in VG Hub Networks Using a Hybrid Type Control Algorithm. Ambient Intelligence and Smart Environments, 2022, , .	0.3	1
4	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
5	Concurrent backscatter streaming with batteryless sensors for wireless motion capture applications. , 2021, , .		3
6	Simultaneous Gen2 Inventory and Angle of Arrival Measurement of Backscatter Signals with Multiple Commodity SDRs. , 2020, , .		2
7	Perfectly Synchronized Streaming From Multiple Digitally Modulated Backscatter Sensor Tags. IEEE Journal of Radio Frequency Identification, 2019, 3, 149-156.	2.3	14
8	GNU Radio-based Cloud Development Environment for Software-defined Radio Users. Journal of Information Processing, 2019, 27, 287-296.	0.4	0
9	Real-Time Separation of Collided Signals in Multiple Zones Backscatter Communication System. , 2019, , .		3
10	Statistical Carrier Phase Recovery for Narrow-band Backscatter Wireless Link. , 2019, , .		0
11	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
12	An Approach to Renewable-Energy Dominant Grids via Distributed Electrical Energy Platform for IoT Systems. , 2019, , .		5
13	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
14	Channel Reservation by Even-odd Separation in Multiple Subcarrier Multiple Access. , 2019, , .		0
15	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
16	Controlling of communication connection range using acoustic waves emitted from smartphones. Journal of Reliable Intelligent Environments, 2018, 4, 75-87.	5.2	3
17	Frequency Efficient Concurrent Data Streaming with Passive Backscatter Wireless Sensors. , 2018, , .		3
18	Perfectly Synchronized Streaming from Digitally Modulated Multiple Backscatter Sensor Tags. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Reference node selection for range-based localization using hierarchical clustering. , 2018, , .		2
20	Analysis on data compression of two-stage sensing for cognitive radio. , 2018, , .		0
21	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
22	Multi-carrier backscatter communication system for concurrent wireless and batteryless sensing. , 2017, , .		6
23	Active RFID Attached Object Clustering Method with New Evaluation Criterion for Finding Lost Objects. Mobile Information Systems, 2017, 2017, 1-12.	0.6	5
24	Normalization method for online learning on radio access technology identification in cognitive radio. , 2017, , .		1
25	Inter-zone interference avoidance using channel reservation in multiple subcarrier multiple access scheme. , 2017, , .		2
26	SDR processing delay estimation applying correlation detection for structure health monitoring using multi-subcarrier multiple access. , 2017, , .		1
27	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
28	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
29	Remote implementation of GNU radio-based SDR development environment. , 2016, , .		2
30	Monopulse switching to cancel phase offset in array antenna comprising multiple COTS SDRs. , 2016, , .		3
31	Improvement in multiple access channel allocation for sensor node configuration based on RFID communication. , 2015, , .		0
32	Comparative Analysis on Channel Allocation Schemes in Multiple Subcarrier Passive Communication System. IEICE Transactions on Communications, 2015, E98.B, 1777-1784.	0.7	8
33	Virtual grid for renewable energy society. , 2015, , .		2
34	Active RFID attached object clustering method based on RSSI series for finding lost objects. , 2015, , .		3
35	File System Level Compression of Radio Space Information Storage System for Sensor Platform. , 2015, , .		0
36	A feasibility study on simultaneous data collection from multiple sensor RF tags with multiple subcarriers. , 2014, , .		16

#	ARTICLE	IF	CITATIONS
37	Load-Adaptive Indexing Method for Schema-less Searches. , 2014, , .		0
38	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
39	Dynamic Spectrum Sensing for Energy Harvesting Wireless Sensor. , 2013, , .		4
40	Feature Quantity for Universal Receivers to Identify Protocols of Radio Services and Devices. , 2013, , .		3
41	Method for estimation of distance between objects and its application for finding lost objects. , 2012, , .		3
42	Personalized Clothing-Recommendation System Based on a Modified Bayesian Network. , 2012, , .		16
43	Efficient Frequency Sharing of Baseband and Subcarrier Coding UHF RFID Systems. IEICE Transactions on Communications, 2009, E92-B, 3794-3802.	0.7	3
44	Permissible Link Quality for RFID Anti-Collision in a Practical Environment. IEICE Transactions on Communications, 2008, E91-B, 1480-1489.	0.7	2
45	USE OF RFID AT LARGE-SCALE EVENTS. IATSS Research, 2005, 29, 31-39.	3.4	4
46	Rendezvous enhancement for conference support system based on RFID. , 2004, , .		8
47	Anti-collision performance of Gen2 Air Protocol in Random Error Communication Link. , 0, , .		37