

Yuto Lim

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

381
citations

1478505

6
h-index

888059

17
g-index

60
all docs

60
docs citations

60
times ranked

290
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Paddy Rice Smart Farming: A Review on Big Data, Machine Learning, and Rice Production Tasks. IEEE Access, 2021, 9, 50358-50380.	4.2	75
2	A Novel Human Activity Recognition and Prediction in Smart Home Based on Interaction. Sensors, 2019, 19, 4474.	3.8	60
3	A survey on Proof of Retrievability for cloud data integrity and availability: Cloud storage state-of-the-art, issues, solutions and future trends. Journal of Network and Computer Applications, 2018, 110, 75-86.	9.1	57
4	Study of Human Thermal Comfort for Cyber-Physical Human Centric System in Smart Homes. Sensors, 2020, 20, 372.	3.8	22
5	Reinforcement learning based dynamic spectrum access in cognitive Internet of Vehicles. China Communications, 2021, 18, 58-68.	3.2	17
6	Management architecture for heterogeneous IoT devices in home network. , 2016, , .		16
7	Development of a smart community simulator with individual emulation modules for community facilities and houses. , 2015, , .		15
8	Scheduling overload for real-time systems using SMT solver. , 2016, , .		7
9	Clipping Noise Mitigation in Optical OFDM Using Decision-Directed Signal Reconstruction. IEEE Access, 2021, 9, 115388-115402.	4.2	7
10	End-to-end throughput evaluation of consensus TPC algorithm in multihop wireless networks. , 2015, , .		6
11	SMT-based scheduling for multiprocessor real-time systems. , 2016, , .		6
12	SMT-Based Scheduling for Overloaded Real-Time Systems. IEICE Transactions on Information and Systems, 2017, E100.D, 1055-1066.	0.7	6
13	A Platform for Integrating Alexa Voice Service into ECHONET-Based Smart Homes. , 2018, , .		5
14	An Accident Model with Considering Physical Processes for Indoor Environment Safety. Applied Sciences (Switzerland), 2019, 9, 4732.	2.5	5
15	Design and evaluation of hybrid temperature control for cyber-physical home systems. International Journal of Modelling, Identification and Control, 2016, 26, 196.	0.2	4
16	Bridging between universAAL and ECHONET for smart home environment. , 2017, , .		4
17	Short-term prediction of energy consumption of air conditioners based on weather forecast. , 2017, , .		4
18	User-Centric Consumption Scheduling and Fair Billing Mechanism in Demand-Side Management. Energies, 2019, 12, 156.	3.1	4

#	ARTICLE	IF	CITATIONS
19	Activity Recognition Using RFID Phase Profiling in Smart Library. IEICE Transactions on Information and Systems, 2019, E102.D, 768-776.	0.7	4
20	An Experimental Study on Culturally Competent Robot for Smart Home Environment. Advances in Intelligent Systems and Computing, 2020, , 369-380.	0.6	4
21	A New Wireless Geolocation Technique Using Joint RSS-Based Voronoi and Factor Graph. , 2015, , .		3
22	Factors Affecting Sentiment Prediction of Malay News Headlines Using Machine Learning Approaches. Communications in Computer and Information Science, 2016, , 289-299.	0.5	3
23	Support for ECHONET-based smart home environments in the universAAL ecosystem. , 2018, , .		3
24	Multi-Operator Small Cells Collaboration using Simultaneous Bilateral Negotiation. , 2018, , .		3
25	Predictive Thermal Comfort Control for Cyber-Physical Home Systems. , 2018, , .		3
26	Collaborative Resource Management for Negotiable Multi-Operator Small Cell Networks. Sensors, 2019, 19, 3550.	3.8	3
27	A risk model for indoor environment safety. , 2017, , .		2
28	Fair Billing Mechanism for Energy Consumption Scheduling with User Deviation in the Smart Grid. , 2018, , .		2
29	Adaptive Rescheduling of Energy Consumption Based on User Preferences for the Future Smart Grid. , 2018, , .		2
30	Reading Activity Recognition in Smart RF-Library. , 2018, , .		2
31	Semantic Service Gateway for ECHONET based Smart Homes. , 2019, , .		2
32	Activity Prediction using LSTM in Smart Home. , 2019, , .		2
33	Demand-Side Management with Local Energy Sharing Model for Prosumer Communities. , 2019, , .		2
34	IoT Area Network Simulator For Network Dataset Generation. Journal of Information Processing, 2020, 28, 668-678.	0.4	2
35	Capacity of Full-duplex Wireless Networks with Mixture of Concurrent and Sequential Transmission Scheme. , 2020, , .		2
36	Linear and Non-linear Signal Reconstruction for Clipping Noise Mitigation in Optical OFDM. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
37	Development of home simulation with thermal environment and electricity consumption. , 2016, , .		1
38	Balanced Cooperative Linear Data Exchange with Physical Layer Network Coding. , 2016, , .		1
39	necoMAC: Network Coding Aware MAC Protocol for Multirate Wireless Networks. , 2016, , .		1
40	An architecture for supporting RAS on Linux-based IoT gateways. , 2017, , .		1
41	A Design of Overlapped Chunked Code over Compute-and-Forward in Multi-Source Multi-Relay Networks. , 2018, , .		1
42	A Design of Overlapped Chunked Code over Compute-and-Forward for Multi-Source Multi-Relay Networks. Sensors, 2018, 18, 3225.	3.8	1
43	Marginal Contribution-Based Distributed Subchannel Allocation in Small Cell Networks. Sensors, 2018, 18, 1500.	3.8	1
44	CARESSES:The Flower that Taught Robots about Culture. , 2019, , .		1
45	Toward Cooperation of Personal Health Devices and Smart Appliances in Japan Smart Homes. , 2021, , .		1
46	Low-Latency Communication in LTE and WiFi Using Spatial Diversity and Encoding Redundancy. IEICE Transactions on Communications, 2018, E101.B, 1116-1127.	0.7	1
47	An Optimization Approach Towards a Proof of Retrievability Scheme for Cloud Storage. Advanced Science Letters, 2018, 24, 1812-1816.	0.2	1
48	Tree-Based Contrast Subspace Mining for Categorical Data. International Journal of Computational Intelligence Systems, 2020, 13, 1714.	2.7	1
49	Consensus Transmit Power Control with Optimal Search Technique for Full-duplex Wireless Multihop Networks. , 2021, , .		1
50	Personal Thermal Comfort Model for Cyber-Physical Human Centric Systems using Incomplete Supervised Learning Method. , 2022, , .		1
51	Optimal Achievable Transmission Capacity Scheme with Transmit Power Control in Full-duplex Wireless Multihop Networks. , 2021, , .		1
52	A Multi-objectives Genetic Algorithm Clustering Ensembles Based Approach to Summarize Relational Data. Communications in Computer and Information Science, 2016, , 113-122.	0.5	0
53	SOFL-based dependency graph generation for scheduling. , 2016, , .		0
54	Performance Efficiency Analysis on Slepian-Wolf based Proof of Retrievability and Its Variants for Cloud Storage. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
55	Transmit Power and Carrier Sense Control for Massive Machine-to-Machine Communication in Wireless Ultra-dense Networks. , 2018, , .		0
56	Efficient network coding-based data transfer framework for multihop wireless communication. International Journal of Networking and Virtual Organisations, 2019, 21, 127.	0.2	0
57	Study of Temporally Coupled Framed Access Scheme in Slotted ALOHA. , 2019, , .		0
58	Data sharing among wireless client devices in cooperative manner with minimum transmissions. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3329-3338.	4.9	0
59	A New RSS-Based Wireless Geolocation Technique Utilizing Joint Voronoi and Factor Graph. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	0
60	Optical SEFDM and NOMA in Visible Light Communications. , 2021, , .		0