

# Yuto Lim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1243487/publications.pdf>

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	Personal Thermal Comfort Model for Cyber-Physical Human Centric Systems using Incomplete Supervised Learning Method. , 2022, , .		1
2	Clipping Noise Mitigation in Optical OFDM Using Decision-Directed Signal Reconstruction. IEEE Access, 2021, 9, 115388-115402.	4.2	7
3	Toward Cooperation of Personal Health Devices and Smart Appliances in Japan Smart Homes. , 2021, , .		1
4	Reinforcement learning based dynamic spectrum access in cognitive Internet of Vehicles. China Communications, 2021, 18, 58-68.	3.2	17
5	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
6	Consensus Transmit Power Control with Optimal Search Technique for Full-duplex Wireless Multihop Networks. , 2021, , .		1
7	Optical SEFDM and NOMA in Visible Light Communications. , 2021, , .		0
8	Linear and Non-linear Signal Reconstruction for Clipping Noise Mitigation in Optical OFDM. , 2021, , .		2
9	Optimal Achievable Transmission Capacity Scheme with Transmit Power Control in Full-duplex Wireless Multihop Networks. , 2021, , .		1
10	Study of Human Thermal Comfort for Cyber-Physical Human Centric System in Smart Homes. Sensors, 2020, 20, 372.	3.8	22
11	An Experimental Study on Culturally Competent Robot for Smart Home Environment. Advances in Intelligent Systems and Computing, 2020, , 369-380.	0.6	4
12	IoT Area Network Simulator For Network Dataset Generation. Journal of Information Processing, 2020, 28, 668-678.	0.4	2
13	Tree-Based Contrast Subspace Mining for Categorical Data. International Journal of Computational Intelligence Systems, 2020, 13, 1714.	2.7	1
14	Capacity of Full-duplex Wireless Networks with Mixture of Concurrent and Sequential Transmission Scheme. , 2020, , .		2
15	Collaborative Resource Management for Negotiable Multi-Operator Small Cell Networks. Sensors, 2019, 19, 3550.	3.8	3
16	A Novel Human Activity Recognition and Prediction in Smart Home Based on Interaction. Sensors, 2019, 19, 4474.	3.8	60
17	CARESSES:The Flower that Taught Robots about Culture. , 2019, , .		1
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	Semantic Service Gateway for ECHONET based Smart Homes. , 2019, , .		2
21	Efficient network coding-based data transfer framework for multihop wireless communication. International Journal of Networking and Virtual Organisations, 2019, 21, 127.	0.2	0
22	Activity Prediction using LSTM in Smart Home. , 2019, , .		2
23	Study of Temporally Coupled Framed Access Scheme in Slotted ALOHA. , 2019, , .		0
24	Demand-Side Management with Local Energy Sharing Model for Prosumer Communities. , 2019, , .		2
25	An Accident Model with Considering Physical Processes for Indoor Environment Safety. Applied Sciences (Switzerland), 2019, 9, 4732.	2.5	5
26	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
27	Support for ECHONET-based smart home environments in the universAAL ecosystem. , 2018, , .		3
28	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
29	Performance Efficiency Analysis on Slepian-Wolf based Proof of Retrievability and Its Variants for Cloud Storage. , 2018, , .		0
30	Transmit Power and Carrier Sense Control for Massive Machine-to-Machine Communication in Wireless Ultra-dense Networks. , 2018, , .		0
31	Multi-Operator Small Cells Collaboration using Simultaneous Bilateral Negotiation. , 2018, , .		3
32	A Design of Overlapped Chunked Code over Compute-and-Forward in Multi-Source Multi-Relay Networks. , 2018, , .		1
33	Fair Billing Mechanism for Energy Consumption Scheduling with User Deviation in the Smart Grid. , 2018, , .		2
34	Adaptive Rescheduling of Energy Consumption Based on User Preferences for the Future Smart Grid. , 2018, , .		2
35	A Design of Overlapped Chunked Code over Compute-and-Forward for Multi-Source Multi-Relay Networks. Sensors, 2018, 18, 3225.	3.8	1
36	Reading Activity Recognition in Smart RF-Library. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
37	A Platform for Integrating Alexa Voice Service into ECHONET-Based Smart Homes. , 2018, , .		5
38	Marginal Contribution-Based Distributed Subchannel Allocation in Small Cell Networks. Sensors, 2018, 18, 1500.	3.8	1
39	Predictive Thermal Comfort Control for Cyber-Physical Home Systems. , 2018, , .		3
40	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
41	An Optimization Approach Towards a Proof of Retrievability Scheme for Cloud Storage. Advanced Science Letters, 2018, 24, 1812-1816.	0.2	1
42	Bridging between universAAL and ECHONET for smart home environment. , 2017, , .		4
43	An architecture for supporting RAS on Linux-based IoT gateways. , 2017, , .		1
44	Short-term prediction of energy consumption of air conditioners based on weather forecast. , 2017, , .		4
45	A risk model for indoor environment safety. , 2017, , .		2
46	SMT-Based Scheduling for Overloaded Real-Time Systems. IEICE Transactions on Information and Systems, 2017, E100.D, 1055-1066.	0.7	6
47	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
48	Management architecture for heterogeneous IoT devices in home network. , 2016, , .		16
49	Development of home simulation with thermal environment and electricity consumption. , 2016, , .		1
50	SMT-based scheduling for multiprocessor real-time systems. , 2016, , .		6
51	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
52	Factors Affecting Sentiment Prediction of Malay News Headlines Using Machine Learning Approaches. Communications in Computer and Information Science, 2016, , 289-299.	0.5	3
53	Balanced Cooperative Linear Data Exchange with Physical Layer Network Coding. , 2016, , .		1
54	SOFL-based dependency graph generation for scheduling. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
55	Scheduling overload for real-time systems using SMT solver. , 2016, , .		7
56	necoMAC: Network Coding Aware MAC Protocol for Multirate Wireless Networks. , 2016, , .		1
57	A New Wireless Geolocation Technique Using Joint RSS-Based Voronoi and Factor Graph. , 2015, , .		3
58	Development of a smart community simulator with individual emulation modules for community facilities and houses. , 2015, , .		15
59	End-to-end throughput evaluation of consensus TPC algorithm in multihop wireless networks. , 2015, , .		6
60	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