Bryan Wei Yang Lim

List of Publications by Year
in descending order

21	1,976	623734 14	940533 16
papers	citations	h-index	g-index

21	21	21	1390
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Federated Learning in Mobile Edge Networks: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 2031-2063.	39.4	1,098
2	Towards Federated Learning in UAV-Enabled Internet of Vehicles: A Multi-Dimensional Contract-Matching Approach. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5140-5154.	8.0	127
3	Decentralized Edge Intelligence: A Dynamic Resource Allocation Framework for Hierarchical Federated Learning. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 536-550.	5.6	124
4	Hierarchical Incentive Mechanism Design for Federated Machine Learning in Mobile Networks. IEEE Internet of Things Journal, 2020, 7, 9575-9588.	8.7	121
5	Federated Learning in the Sky: Aerial-Ground Air Quality Sensing Framework With UAV Swarms. IEEE Internet of Things Journal, 2021, 8, 9827-9837.	8.7	93
6	Dynamic Edge Association and Resource Allocation in Self-Organizing Hierarchical Federated Learning Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 3640-3653.	14.0	70
7	UAV-Assisted Wireless Energy and Data Transfer With Deep Reinforcement Learning. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 85-99.	7.9	63
8	Joint Auction-Coalition Formation Framework for Communication-Efficient Federated Learning in UAV-Enabled Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2326-2344.	8.0	63
9	Dynamic Contract Design for Federated Learning in Smart Healthcare Applications. IEEE Internet of Things Journal, 2021, 8, 16853-16862.	8.7	41
10	A Comprehensive Survey on Coded Distributed Computing: Fundamentals, Challenges, and Networking Applications. IEEE Communications Surveys and Tutorials, 2021, 23, 1800-1837.	39.4	38
11	When Information Freshness Meets Service Latency in Federated Learning: A Task-Aware Incentive Scheme for Smart Industries. IEEE Transactions on Industrial Informatics, 2022, 18, 457-466.	11.3	36
12	UAV-Assisted Communication Efficient Federated Learning in the Era of the Artificial Intelligence of Things. IEEE Network, 2021, 35, 188-195.	6.9	29
13	A Hierarchical Incentive Design Toward Motivating Participation in Coded Federated Learning. IEEE Journal on Selected Areas in Communications, 2022, 40, 359-375.	14.0	22
14	A Double Auction Mechanism for Resource Allocation in Coded Vehicular Edge Computing. IEEE Transactions on Vehicular Technology, 2022, 71, 1832-1845.	6.3	15
15	Toward Efficient Data Trading in AI Enabled Reconfigurable Wireless Sensor Network Using Contract and Game Theories. IEEE Transactions on Network Science and Engineering, 2022, 9, 98-108.	6.4	10
16	Reputation-aware Hedonic Coalition Formation for Efficient Serverless Hierarchical Federated Learning. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	5.6	10
17	Privacy is not Free: Energy-Aware Federated Learning for Mobile and Edge Intelligence. , 2020, , .		6
18	Incentive Mechanism Design for Mobile Data Rewards using Multi-Dimensional Contract. , 2020, , .		5

#	Article	IF	Citations
19	Incentive Mechanism Design for Federated Learning in the Internet of Vehicles. , 2020, , .		5
20	Dynamic Edge Association in Hierarchical Federated Learning Networks. , 2021, , .		0
21	A Hierarchical Incentive Mechanism for Coded Federated Learning. , 2021, , .		0