

Lingjuan Lyu

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,260
citations

687363

13
h-index

839539

18
g-index

26
all docs

26
docs citations

26
times ranked

938
citing authors

#	ARTICLE	IF	CITATIONS
1	Privacy-Preserving Blockchain-Based Federated Learning for IoT Devices. IEEE Internet of Things Journal, 2021, 8, 1817-1829.	8.7	256
2	PPFA: Privacy Preserving Fog-Enabled Aggregation in Smart Grid. IEEE Transactions on Industrial Informatics, 2018, 14, 3733-3744.	11.3	176
3	Towards Fair and Privacy-Preserving Federated Deep Models. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 2524-2541.	5.6	123
4	Threats to Federated Learning. Lecture Notes in Computer Science, 2020, , 3-16.	1.3	119
5	Fog-Empowered Anomaly Detection in IoT Using Hyperellipsoidal Clustering. IEEE Internet of Things Journal, 2017, 4, 1174-1184.	8.7	91
6	Communication-efficient federated learning via knowledge distillation. Nature Communications, 2022, 13, 2032.	12.8	73
7	Data Poisoning Attacks on Federated Machine Learning. IEEE Internet of Things Journal, 2022, 9, 11365-11375.	8.7	62
8	Collaborative Fairness in Federated Learning. Lecture Notes in Computer Science, 2020, , 189-204.	1.3	55
9	A federated graph neural network framework for privacy-preserving personalization. Nature Communications, 2022, 13, .	12.8	53
10	Privacy-Preserving Collaborative Deep Learning with Application to Human Activity Recognition. , 2017, , .		52
11	Fog-Embedded Deep Learning for the Internet of Things. IEEE Transactions on Industrial Informatics, 2019, 15, 4206-4215.	11.3	39
12	Federated Model Distillation with Noise-Free Differential Privacy. , 2021, , .		26
13	FORESEEN: Towards Differentially Private Deep Inference for Intelligent Internet of Things. IEEE Journal on Selected Areas in Communications, 2020, 38, 2418-2429.	14.0	20
14	Privacy-preserving collaborative fuzzy clustering. Data and Knowledge Engineering, 2018, 116, 21-41.	3.4	16
15	A fast and scalable authentication scheme in IOT for smart living. Future Generation Computer Systems, 2021, 117, 125-137.	7.5	15
16	Joint Stance and Rumor Detection in Hierarchical Heterogeneous Graph. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2530-2542.	11.3	15
17	Differentially private locality sensitive hashing based federated recommender system. Concurrency Computation Practice and Experience, 2023, 35, e6233.	2.2	11
18	An improved scheme for privacy-preserving collaborative anomaly detection. , 2016, , .		9

#	ARTICLE	IF	CITATIONS
19	FedFAIM: A Model Performance-based Fair Incentive Mechanism for Federated Learning. IEEE Transactions on Big Data, 2024, , 1-13.	6.1	9
20	Privacy-Preserving Aggregation of Smart Metering via Transformation and Encryption. , 2017, , .		8
21	Cloud-Based Privacy-Preserving Collaborative Consumption for Sharing Economy. IEEE Transactions on Cloud Computing, 2022, 10, 1647-1660.	4.4	8
22	An Unsupervised PM2.5 Estimation Method With Different Spatio-Temporal Resolutions Based on KIDW-TCGRU. IEEE Access, 2020, 8, 190263-190276.	4.2	8
23	Differentially Private Knowledge Distillation for Mobile Analytics. , 2020, , .		7
24	Lightweight Crypto-Assisted Distributed Differential Privacy for Privacy-Preserving Distributed Learning. , 2020, , .		6
25	Towards Distributed Privacy-Preserving Prediction. , 2020, , .		3
26	Privacy-Preserving Data Generation and Sharing Using Identification Sanitizer. Lecture Notes in Computer Science, 2020, , 185-200.	1.3	0