

Jiangtian Nie

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

492
citations

11
h-index

22
g-index

28
ext. papers

782
ext. citations

7.2
avg, IF

4.89
L-index

#	Paper	IF	Citations
22	Deep Learning-Powered Vessel Trajectory Prediction for Improving Smart Traffic Services in Maritime Internet of Things. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	29
21	Intelligent Edge-Enabled Efficient Multi-Source Data Fusion for Autonomous Surface Vehicles in Maritime Internet of Things. <i>IEEE Transactions on Green Communications and Networking</i> , 2022 , 1-1	4	3
20	Aerial Refueling: Scheduling Wireless Energy Charging for UAV Enabled Data Collection. <i>IEEE Transactions on Green Communications and Networking</i> , 2022 , 1-1	4	3
19	Privacy-Aware Double Auction with Time-Dependent Valuation for Blockchain-based Dynamic Spectrum Sharing in IoT Systems. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	1
18	Communication-Efficient and Cross-chain Empowered Federated Learning for Artificial Intelligence of Things. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	9
17	ReflectU: A Mirror-based Intelligent Interactive System for Intuitive Remote Control. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	
16	UAV-Assisted 5G/6G Networks: Joint Scheduling and Resource Allocation Based on Asynchronous Reinforcement Learning 2021 ,		2
15	Joint optimization of service chain caching and task offloading in mobile edge computing. <i>Applied Soft Computing Journal</i> , 2021 , 103, 107142	7.5	17
14	A Highly Efficient Vehicle Taillight Detection Approach Based on Deep Learning. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4716-4726	6.1	4
13	NOMA-Enabled Cooperative Computation Offloading for Blockchain-Empowered Internet of Things: A Learning Approach. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 2364-2378	10.7	30
12	Deep Anomaly Detection for Time-Series Data in Industrial IoT: A Communication-Efficient On-Device Federated Learning Approach. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 6348-6358	10.7	74
11	Data-Driven Trajectory Quality Improvement for Promoting Intelligent Vessel Traffic Services in 6G-Enabled Maritime IoT Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 5374-5385	10.7	55
10	Privacy-preserving blockchain-based federated learning for traffic flow prediction. <i>Future Generation Computer Systems</i> , 2021 , 117, 328-337	7.5	48
9	A Multi-Leader Multi-Follower Game-Based Analysis for Incentive Mechanisms in Socially-Aware Mobile Crowdsensing. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 1457-1471	9.6	10
8	Federated Learning in the Sky: Aerial-Ground Air Quality Sensing Framework With UAV Swarms. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9827-9837	10.7	37
7	EDL-COVID: Ensemble Deep Learning for COVID-19 Case Detection From Chest X-Ray Images. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6539-6549	11.9	29
6	Slicing-based Reliable Resource Orchestration for Secure Software Defined Edge-Cloud Computing Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	1

5	Intelligent Data-Driven Vessel Trajectory Prediction in Marine Transportation Cyber-Physical System 2021 ,		2
4	Toward Efficient Data Trading in AI Enabled Reconfigurable Wireless Sensor Network using Contract and Game Theories. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 1-1	4.9	3
3	An Incentive Mechanism Design for Socially Aware Crowdsensing Services with Incomplete Information. <i>IEEE Communications Magazine</i> , 2019 , 57, 74-80	9.1	20
2	A Stackelberg Game Approach Toward Socially-Aware Incentive Mechanisms for Mobile Crowdsensing. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 724-738	9.6	80
1	A Socially-Aware Incentive Mechanism for Mobile Crowdsensing Service Market 2018 ,		30