

Joohyung Lee

List of Publications by Year in descending order

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33
papers

852
citations

687363

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477307

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all docs

33
docs citations

33
times ranked

1093
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multivariate-Time-Series-Prediction-Based Adaptive Data Transmission Period Control Algorithm for IoT Networks. IEEE Internet of Things Journal, 2022, 9, 419-436.	8.7	12
2	A Novel Joint Dataset and Computation Management Scheme for Energy-Efficient Federated Learning in Mobile Edge Computing. IEEE Wireless Communications Letters, 2022, 11, 898-902.	5.0	11
3	Short-Term Electrical Load Forecasting With Multidimensional Feature Extraction. IEEE Transactions on Smart Grid, 2022, 13, 2999-3013.	9.0	17
4	Power Scheduling Scheme for a Charging Facility Considering the Satisfaction of Electric Vehicle Users. IEEE Access, 2022, 10, 25153-25164.	4.2	8
5	A Novel Joint Dataset and Incentive Management Mechanism for Federated Learning Over MEC. IEEE Access, 2022, 10, 30026-30038.	4.2	3
6	EggBlock: Design and Implementation of Solar Energy Generation and Trading Platform in Edge-Based IoT Systems with Blockchain. Sensors, 2022, 22, 2410.	3.8	5
7	Video analytics-based real-time intelligent crossing detection system (RICDS): Killer app for edge computing. Future Generation Computer Systems, 2022, 133, 84-94.	7.5	5
8	A Sustainable Business Model for a Neutral Host Supporting 5G and beyond (5GB) Ultra-Dense Networks: Challenges, Directions, and Architecture. Sensors, 2022, 22, 5215.	3.8	3
9	Utilizing Hidden Observations to Enhance the Performance of the Trained Agent. IEEE Robotics and Automation Letters, 2022, 7, 7858-7864.	5.1	0
10	A Novel Fair and Scalable Relay Control Scheme for Internet of Things in LoRa-Based Low-Power Wide-Area Networks. IEEE Internet of Things Journal, 2021, 8, 5985-6001.	8.7	15
11	Incentive-Based Coded Distributed Computing Management for Latency Reduction in IoT Services—A Game Theoretic Approach. IEEE Internet of Things Journal, 2021, 8, 8259-8278.	8.7	11
12	A Novel Joint Mobile Cache and Power Management Scheme for Energy-Efficient Mobile Augmented Reality Service in Mobile Edge Computing. IEEE Wireless Communications Letters, 2021, 10, 1061-1065.	5.0	15
13	AdaMM: Adaptive Object Movement and Motion Tracking in Hierarchical Edge Computing System. Sensors, 2021, 21, 4089.	3.8	2
14	A Novel Deep Learning-based IoT Device Transmission Interval Management Scheme for Enhanced Scalability in LoRa Networks. IEEE Wireless Communications Letters, 2021, , 1-1.	5.0	7
15	A Novel Resolution and Power Control Scheme for Energy-Efficient Mobile Augmented Reality Applications in Mobile Edge Computing. IEEE Wireless Communications Letters, 2020, 9, 750-754.	5.0	15
16	A Novel Edge-Cloud Interworking Framework in the Video Analytics of the Internet of Things. IEEE Communications Letters, 2020, 24, 178-182.	4.1	7
17	Joint Demand Response and Energy Trading for Electric Vehicles in Off-Grid System. IEEE Access, 2020, 8, 130576-130587.	4.2	9
18	Novel QoS-Guaranteed Orchestration Scheme for Energy-Efficient Mobile Augmented Reality Applications in Multi-Access Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 13631-13645.	6.3	19

#	ARTICLE	IF	CITATIONS
19	Market Analysis of Distributed Learning Resource Management for Internet of Things: A Game-Theoretic Approach. IEEE Internet of Things Journal, 2020, 7, 8430-8439.	8.7	29
20	Social-viewport adaptive caching scheme with clustering for virtual reality streaming in an edge computing platform. Future Generation Computer Systems, 2020, 108, 424-431.	7.5	10
21	Three Dynamic Pricing Schemes for Resource Allocation of Edge Computing for IoT Environment. IEEE Internet of Things Journal, 2020, 7, 4292-4303.	8.7	54
22	Modeling MPTCP Performance. IEEE Communications Letters, 2019, 23, 616-619.	4.1	9
23	Power Efficient Clustering Scheme for 5G Mobile Edge Computing Environment. Mobile Networks and Applications, 2019, 24, 643-652.	3.3	10
24	Battery-Wear-Model-Based Energy Trading in Electric Vehicles: A Naive Auction Model and a Market Analysis. IEEE Transactions on Industrial Informatics, 2019, 15, 4140-4151.	11.3	32
25	Competitive Partial Computation Offloading for Maximizing Energy Efficiency in Mobile Cloud Computing. IEEE Access, 2018, 6, 899-912.	4.2	25
26	Deep Learning Based Pilot Allocation Scheme (DL-PAS) for 5G Massive MIMO System. IEEE Communications Letters, 2018, 22, 828-831.	4.1	84
27	Load Profile Extraction by Mean-Shift Clustering with Sample Pearson Correlation Coefficient Distance. Energies, 2018, 11, 2397.	3.1	12
28	Energy Trading System in Microgrids With Future Forecasting and Forecasting Errors. IEEE Access, 2018, 6, 44094-44106.	4.2	11
29	Three Hierarchical Levels of Big-Data Market Model Over Multiple Data Sources for Internet of Things. IEEE Access, 2018, 6, 31269-31280.	4.2	17
30	Event-Driven Energy Trading System in Microgrids: Aperiodic Market Model Analysis With a Game Theoretic Approach. IEEE Access, 2017, 5, 26291-26302.	4.2	37
31	Learning-Based Adaptive Imputation Method with kNN Algorithm for Missing Power Data. Energies, 2017, 10, 1668.	3.1	46
32	Distributed Energy Trading in Microgrids: A Game-Theoretic Model and Its Equilibrium Analysis. IEEE Transactions on Industrial Electronics, 2015, 62, 3524-3533.	7.9	310
33	An adaptive reporting frequency control scheme for energy saving on Wireless Sensor Networks. , 2014, , .		2