

Kun Wang

List of Publications by Year in descending order

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20
papers

421
citations

933447

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1199594

12
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20
all docs

20
docs citations

20
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	\$\mathsf{LightChain}\$: A Lightweight Blockchain System for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2019, 15, 3571-3581.	11.3	202
2	Efficient Privacy Preserving Data Collection and Computation Offloading for Fog-Assisted IoT. IEEE Transactions on Sustainable Computing, 2020, 5, 526-540.	3.1	38
3	Falcon: Addressing Stragglers in Heterogeneous Parameter Server Via Multiple Parallelism. IEEE Transactions on Computers, 2021, 70, 139-155.	3.4	23
4	Joint Detection and Decoding in LDPC-Based Space-Time Coded MIMO-OFDM Systems via Linear Programming. IEEE Transactions on Signal Processing, 2015, 63, 3411-3424.	5.3	21
5	Petrel: Heterogeneity-Aware Distributed Deep Learning Via Hybrid Synchronization. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 1030-1043.	5.6	17
6	Coflow-Like Online Data Acquisition from Low-Earth-Orbit Datacenters. IEEE Transactions on Mobile Computing, 2020, 19, 2743-2760.	5.8	16
7	Diversity Integration in Hybrid-ARQ With Chase Combining Under Partial CSI. IEEE Transactions on Communications, 2016, 64, 2647-2659.	7.8	14
8	MP-OPU: A Mixed Precision FPGA-based Overlay Processor for Convolutional Neural Networks. , 2021, , .		14
9	Low-precision Floating-point Arithmetic for High-performance FPGA-based CNN Acceleration. ACM Transactions on Reconfigurable Technology and Systems, 2022, 15, 1-21.	2.5	14
10	FEC Code Anchored Robust Design of Massive MIMO Receivers. IEEE Transactions on Wireless Communications, 2016, 15, 8223-8235.	9.2	13
11	A Cyclic Game for Service-Oriented Resource Allocation in Edge Computing. IEEE Transactions on Services Computing, 2020, 13, 723-734.	4.6	13
12	Robust receiver design based on FEC code diversity in pilot-contaminated multi-user massive MIMO systems. , 2016, , .		9
13	Joint detection and decoding of LDPC coded distributed space-time signaling in wireless relay networks via linear programming. , 2014, , .		7
14	Diversity combining in wireless relay networks with partial channel state information. , 2015, , .		6
15	Fine-Grained Benchmarking and Targeted Optimization: Enabling Green IoT-Oriented Blockchain in the 6G Era. IEEE Transactions on Green Communications and Networking, 2023, 7, 1036-1051.	5.5	5
16	Canary: Decentralized Distributed Deep Learning Via Gradient Sketch and Partition in Multi-Interface Networks. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 900-917.	5.6	4
17	Exploring Instance-Level Uncertainty for Medical Detection. , 2021, , .		2
18	Cooperative multi-cell MIMO downlink precoding for finite-alphabet inputs. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Joint Turbo Receiver for LDPC-Coded MIMO Systems Based on Semi-Definite Relaxation. , 2018, , .		1
20	Protecting Privacy-Sensitive Locations in Trajectories with Correlated Positions. , 2019, , .		1