# Kun Wang

List of Publications by Year
in descending order

| 20 | 421 | 933447 | 1199594 |
|---|---|---|---|
| papers | citations | 10 h-index | 12 g-index |

| 20 | 20 | 20 | 531 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | 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 |
| 2 | 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 |
| 3 | Falcon: Addressing Stragglers in Heterogeneous Parameter Server Via Multiple Parallelism. IEEE Transactions on Computers, 2021, 70, 139-155. | 3.4 | 23 |
| 4 | 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 |
| 5 | Exploring Instance-Level Uncertainty for Medical Detection. , 2021, , . | | 2 |
| 6 | Petrel: Heterogeneity-Aware Distributed Deep Learning Via Hybrid Synchronization. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 1030-1043. | 5.6 | 17 |
| 7 | MP-OPU: A Mixed Precision FPGA-based Overlay Processor for Convolutional Neural Networks. , 2021, , . | | 14 |
| 8 | Coflow-Like Online Data Acquisition from Low-Earth-Orbit Datacenters. IEEE Transactions on Mobile Computing, 2020, 19, 2743-2760. | 5.8 | 16 |
| 9 | A Cyclic Game for Service-Oriented Resource Allocation in Edge Computing. IEEE Transactions on Services Computing, 2020, 13, 723-734. | 4.6 | 13 |
| 10 | Efficient Privacy Preserving Data Collection and Computation Offloading for Fog-Assisted IoT. IEEE Transactions on Sustainable Computing, 2020, 5, 526-540. | 3.1 | 38 |
| 11 | $\mathsf{LightChain}$: A Lightweight Blockchain System for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2019, 15, 3571-3581. | 11.3 | 202 |
| 12 | Protecting Privacy-Sensitive Locations in Trajectories with Correlated Positions. , 2019, , . | | 1 |
| 13 | Joint Turbo Receiver for LDPC-Coded MIMO Systems Based on Semi-Definite Relaxation. , 2018, , . | | 1 |
| 14 | Robust receiver design based on FEC code diversity in pilot-contaminated multi-user massive MIMO systems. , 2016, , . | | 9 |
| 15 | FEC Code Anchored Robust Design of Massive MIMO Receivers. IEEE Transactions on Wireless Communications, 2016, 15, 8223-8235. | 9.2 | 13 |
| 16 | Diversity Integration in Hybrid-ARQ With Chase Combining Under Partial CSI. IEEE Transactions on Communications, 2016, 64, 2647-2659. | 7.8 | 14 |
| 17 | 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 |
| 18 | Diversity combining in wireless relay networks with partial channel state information. , 2015, , . | | 6 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Joint detection and decoding of LDPC coded distributed space-time signaling in wireless relay networks via linear programming. , 2014, , . | | 7 |
| 20 | Cooperative multi-cell MIMO downlink precoding for finite-alphabet inputs. , 2014, , . | | 1 |