Publications

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| Author | Title | Journal | Author Order |
| Hong Yao and Changmin Bai and Zitong Wang and Qi Wang and Zhangjie Fu | Heterogeneous cloudlet deployment and user-cloudlet association toward cost effective fog computing | Concurrency and Computation: Practice and Experience | 4 |
| Hong Yao and Han Zhang and Changkai Zhang and Qi Wang and Jie Wu and Huanyang Zheng | Data or index: a trade-off in mobile delay tolerant networks | IJCSE | 4 |
| Kun Wang and Li Yuan and Toshiaki Miyazaki and Qi Wang and Yuankui Cao and Yanfei Sun | Strategic Antieavesdropping Game for Physical Layer Security in Wireless Cooperative Networks | IEEE Trans. Vehicular Technology | 4 |
| Kun Wang and Xiaoxuan Hu and Huining Li and Peng Li and Qi Wang and Yuankui Cao | A Survey on Energy Internet Communications for Sustainability | T-SUSC | 5 |
| Kun Wang and Yihui Wang and Qi Wang and Yuankui Cao | An SDN-Based Architecture for Next-Generation Wireless Networks | IEEE Wireless Commun. | 3 |
| Lin Gu and Qi Wang and Yuankui Cao and Ahmed Barnawi and Yong Xiang | Cost Efficient Resource Management in Fog Computing Supported Medical Cyber-Physical System | IEEE Trans. Emerging Topics Comput. | 2 |
| Qi Wang and Jie Zhang and Yuankui Cao and Lin Gu and Kun Wang | Take Renewable Energy into {CRAN} toward Green Wireless Access Networks | IEEE Network | 1 |
| Qi Wang and Yuankui Cao and Bo Li | Editorial for Special Issue on Social Computing | MONET | 1 |
| Tianqi Mao and Zhaocheng Wang and Qi Wang and Sheng Chen and Lajos Hanzo | Dual-Mode Index Modulation Aided {OFDM} | IEEE Access | 3 |
| Tianqi Mao and Qi Wang and Jinguo Quan and Zhaocheng Wang | Zero-Padded Orthogonal Frequency Division Multiplexing with Index Modulation Using Multiple Constellation Alphabets | IEEE Access | 2 |
| Yu Zhang and Lin Gu and Xiaofei Liao and Hai Jin and Qi Wang and Bing Bing Zhou | {FRANK:} {A} Fast Node Ranking Approach in Large-Scale Networks | IEEE Network | 5 |
| Hong Yao and Jinlai Xu and Zhongwen Luo and Qi Wang | MEMoMR: Accelerate MapReduce via reuse of intermediate results | Concurrency and Computation: Practice and Experience | 4 |
| Jinsong Wu and Yuankui Cao and Jie Li and Qi Wang | Big Data Meet Green Challenges: Greening Big Data | IEEE Systems Journal | 4 |
| Jinsong Wu and Yuankui Cao and Jie Li and Qi Wang | Big Data Meet Green Challenges: Big Data Toward Green Applications | IEEE Systems Journal | 4 |
| Kaimin Wei and Yuankui Cao and Xiangli Li and Qi Wang and Ke Xu | Congestion control in social-based sensor networks: {A} social network perspective | Peer-to-Peer Networking and Applications | 4 |
| Lin Gu and Qi Wang and Yuankui Cao and Yong Xiang and Jiankun Hu | A General Communication Cost Optimization Framework for Big Data Stream Processing in Geo-Distributed Data Centers | IEEE Trans. Computers | 2 |
| Qi Wang and Lin Gu and Lu Lian and Yuankui Cao and Hong Yao and Jiankun Hu | On Cost-Efficient Sensor Placement for Contaminant Detection in Water Distribution Systems | IEEE Trans. Industrial Informatics | 1 |
| Qi Wang and Lin Gu and Yuankui Cao and Zixue Cheng and Shui Yu | Joint Optimization of Task Scheduling and Image Placement in Fog Computing Supported Software-Defined Embedded System | IEEE Trans. Computers | 1 |
| Chengyu Hu and Jing Zhao and Xuesong Yan and Qi Wang and Yuankui Cao | A MapReduce based Parallel Niche Genetic Algorithm for contaminant source identification in water distribution network | Ad Hoc Networks | 4 |
| Hong Yao and Changmin Bai and Qi Wang and Qingzhong Liang and Yuanyuan Fan | Migrate or not? Exploring virtual machine migration in roadside cloudlet-based vehicular cloud | Concurrency and Computation: Practice and Experience | 3 |
| Hong Yao and Guang Yang and Qi Wang and Chao Liu and Qingzhong Liang and Chengyu Hu | An Advertiser-Centric Cooperative Mechanism in Smartphone Advertising Based on Stackelberg Game Analysis | Int. J. Web Service Res. | 3 |
| Hong Yao and Qi Wang and Huawei Huang and Yuankui Cao and Ahmed Barnawi and Ivan Stojmenovic | Opportunistic Offloading of Deadline-Constrained Bulk Cellular Traffic in Vehicular DTNs | IEEE Trans. Computers | 2 |
| Kaimin Wei and Yuankui Cao and Qi Wang and Ke Xu and Keqiu Li | Exploiting Small World Properties for Message Forwarding in Delay Tolerant Networks | IEEE Trans. Computers | 3 |
| Lin Gu and Qi Wang and Ahmed Barnawi and Yuankui Cao and Ivan Stojmenovic | Optimal Task Placement with QoS Constraints in Geo-Distributed Data Centers Using {DVFS} | IEEE Trans. Computers | 2 |
| Qi Wang and Peng Li and Yuankui Cao and Toshiaki Miyazaki and Jiankun Hu and Yong Xiang | Energy Minimization in Multi-Task Software-Defined Sensor Networks | IEEE Trans. Computers | 1 |
| Qi Wang and Yuankui Cao and Ahmed Barnawi and Shui Yu and Ivan Stojmenovic | An Improved Stochastic Modeling of Opportunistic Routing in Vehicular {CPS} | IEEE Trans. Computers | 1 |
| Qi Wang and Yuankui Cao and Huawei Huang and Shui Yu and Victor C. M. Leung | Optimal {VM} placement in data centres with architectural and resource constraints | IJAACS | 1 |
| Wei{-}Lun Chang and Qi Wang and Rung{-}Ching Chen and Yuankui Cao | An artificial bee colony algorithm for data collection path planning in sparse wireless sensor networks | Int. J. Machine Learning \& Cybernetics | 2 |
| Hong Yao and Huawei Huang and Qi Wang and Bo Li and Yuankui Cao | An energy-aware deadline-constrained message delivery in delay-tolerant networks | Wireless Networks | 3 |
| Kaimin Wei and Qi Wang and Yuankui Cao and Ke Xu | On Social Delay-Tolerant Networking: Aggregation, Tie Detection, and Routing | IEEE Trans. Parallel Distrib. Syst. | 2 |
| Lin Gu and Qi Wang and Peng Li and Yuankui Cao | Cost Minimization for Big Data Processing in Geo-Distributed Data Centers | IEEE Trans. Emerging Topics Comput. | 2 |
| Qi Wang and Yuankui Cao and Jiankun Hu | Reliable Bulk-Data Dissemination in Delay Tolerant Networks | IEEE Trans. Parallel Distrib. Syst. | 1 |
| Qi Wang and Yuankui Cao and Yong Xiang and Hai Jin | On the Throughput of Two-Way Relay Networks Using Network Coding | IEEE Trans. Parallel Distrib. Syst. | 1 |
| Yuankui Cao and Qi Wang and Yang Xiang | Chameleon Hashing for Secure and Privacy-Preserving Vehicular Communications | IEEE Trans. Parallel Distrib. Syst. | 2 |
| Zhuo Li and Yuankui Cao and Qi Wang and Ahmed Barnawi and Ivan Stojmenovic | Joint Resource Allocation for Max-Min Throughput in Multicell Networks | IEEE Trans. Vehicular Technology | 3 |
| Zhuo Li and Qi Wang and Yuankui Cao and Sanglu Lu and Daoxu Chen and Weihua Zhuang | On the Throughput of Feedbackless Segmented Network Coding in Delay Tolerant Networks | IEEE Wireless Commun. Letters | 2 |
| Qi Wang and Yuankui Cao and Victor C. M. Leung and Jiankun Hu | The Exploration of Network Coding in {IEEE} 802.15.4 Networks | Int. J. Digital Multimedia Broadcasting | 1 |
| Qi Wang and Yuankui Cao and Zixue Cheng | The Web of Things: {A} Survey (Invited Paper) | JCM | 1 |
| Qi Wang and Zeger, Scott L. | Longitudinal data analysis using generalized linear models | Biometrika | 1 |