Publications

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| Author | Title | Journal |
| San Zhang and Wu Wang and Zixue Cheng | The Web of Things: A Survey Invited Paper | JCM |
| Si Li and Changmin Bai and Muzhou Xiong and San Zhang and Xian Gong | Heterogeneous cloudlet deployment and user-cloudlet association toward cost effective fog computing | Concurrency and Computation: Practice and Experience |
| Si Li and Han Zhang and Wu Wang and San Zhang and Jie Wu and Huanyang Zheng | Data or index: a trade-off in mobile delay tolerant networks | IJCSE |
| San Zhang and Liu Zhao and Bo Li | Editorial for Special Issue on Social Computing | MONET |
| Yu Zhang and Lin Gu and Xiaofei Liao and Hai Jin and San Zhang and Bing Bing Zhou | {FRANK:} {A} Fast Node Ranking Approach in Large-Scale Networks | IEEE Network |
| San Zhang and Jie Zhang and Liu Zhao and Lin Gu and Kun Wang | Take Renewable Energy into {CRAN} toward Green Wireless Access Networks | IEEE Network |
| Lin Gu and San Zhang and Liu Zhao and Ahmed Barnawi and Yong Xiang | Cost Efficient Resource Management in Fog Computing Supported Medical Cyber-Physical System | IEEE Trans. Emerging Topics Comput. |
| Kun Wang and Xiaoxuan Hu and Huining Li and Peng Li and San Zhang and Liu Zhao | A Survey on Energy Internet Communications for Sustainability | T-SUSC |
| Kun Wang and Li Yuan and Toshiaki Miyazaki and San Zhang and Liu Zhao and Yanfei Sun | Strategic Antieavesdropping Game for Physical Layer Security in Wireless Cooperative Networks | IEEE Trans. Vehicular Technology |
| Kun Wang and Yihui Wang and San Zhang and Liu Zhao | An SDN-Based Architecture for Next-Generation Wireless Networks | IEEE Wireless Commun. |
| Si Li and Jinlai Xu and Zhongwen Luo and San Zhang | MEMoMR: Accelerate MapReduce via reuse of intermediate results | Concurrency and Computation: Practice and Experience |
| Kaimin Wei and Liu Zhao and Xiangli Li and San Zhang and Ke Xu | Congestion control in social-based sensor networks: {A} social network perspective | Peer-to-Peer Networking and Applications |
| Jinsong Wu and Liu Zhao and Jie Li and San Zhang | Big Data Meet Green Challenges: Greening Big Data | IEEE Systems Journal |
| Jinsong Wu and Liu Zhao and Jie Li and San Zhang | Big Data Meet Green Challenges: Big Data Toward Green Applications | IEEE Systems Journal |
| Lin Gu and San Zhang and Liu Zhao 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 |
| San Zhang and Lin Gu and Liu Zhao 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 |
| San Zhang and Lin Gu and Lu Lian and Liu Zhao and Si Li and Jiankun Hu | On Cost-Efficient Sensor Placement for Contaminant Detection in Water Distribution Systems | IEEE Trans. Industrial Informatics |
| Chengyu Hu and Jing Zhao and Xuesong Yan and San Zhang and Liu Zhao | A MapReduce based Parallel Niche Genetic Algorithm for contaminant source identification in water distribution network | Ad Hoc Networks |
| Si Li and Changmin Bai and San Zhang 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 |
| San Zhang and Liu Zhao and Huawei Huang and Shui Yu and Victor C. M. Leung | Optimal {VM} placement in data centres with architectural and resource constraints | IJAACS |
| Si Li and Guang Yang and San Zhang 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. |
| Wei{-}Lun Chang and San Zhang and Rung{-}Ching Chen and Liu Zhao | An artificial bee colony algorithm for data collection path planning in sparse wireless sensor networks | Int. J. Machine Learning \& Cybernetics |
| San Zhang and Liu Zhao and Ahmed Barnawi and Shui Yu and Ivan Stojmenovic | An Improved Stochastic Modeling of Opportunistic Routing in Vehicular {CPS} | IEEE Trans. Computers |
| Lin Gu and San Zhang and Ahmed Barnawi and Liu Zhao and Ivan Stojmenovic | Optimal Task Placement with QoS Constraints in Geo-Distributed Data Centers Using {DVFS} | IEEE Trans. Computers |
| Kaimin Wei and Liu Zhao and San Zhang and Ke Xu and Keqiu Li | Exploiting Small World Properties for Message Forwarding in Delay Tolerant Networks | IEEE Trans. Computers |
| San Zhang and Peng Li and Liu Zhao and Toshiaki Miyazaki and Jiankun Hu and Yong Xiang | Energy Minimization in Multi-Task Software-Defined Sensor Networks | IEEE Trans. Computers |
| Si Li and San Zhang and Huawei Huang and Liu Zhao and Ahmed Barnawi and Ivan Stojmenovic | Opportunistic Offloading of Deadline-Constrained Bulk Cellular Traffic in Vehicular DTNs | IEEE Trans. Computers |
| Lin Gu and San Zhang and Peng Li and Liu Zhao | Cost Minimization for Big Data Processing in Geo-Distributed Data Centers | IEEE Trans. Emerging Topics Comput. |
| San Zhang and Liu Zhao and Yong Xiang and Hai Jin | On the Throughput of Two-Way Relay Networks Using Network Coding | IEEE Trans. Parallel Distrib. Syst. |
| Kaimin Wei and San Zhang and Liu Zhao and Ke Xu | On Social Delay-Tolerant Networking: Aggregation, Tie Detection, and Routing | IEEE Trans. Parallel Distrib. Syst. |
| San Zhang and Liu Zhao and Jiankun Hu | Reliable Bulk-Data Dissemination in Delay Tolerant Networks | IEEE Trans. Parallel Distrib. Syst. |
| Liu Zhao and San Zhang and Yang Xiang | Chameleon Hashing for Secure and Privacy-Preserving Vehicular Communications | IEEE Trans. Parallel Distrib. Syst. |
| Zhuo Li and Liu Zhao and San Zhang and Ahmed Barnawi and Ivan Stojmenovic | Joint Resource Allocation for Max-Min Throughput in Multicell Networks | IEEE Trans. Vehicular Technology |
| Si Li and Huawei Huang and San Zhang and Bo Li and Liu Zhao | An energy-aware deadline-constrained message delivery in delay-tolerant networks | Wireless Networks |
| Zhuo Li and San Zhang and Liu Zhao 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 |
| San Zhang and Wu Wang and Zixue Cheng | The Web of Things: {A} Survey (Invited Paper) | JCM |