



通信工程系

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通信工程系

微电子系

教工之家

诚聘英才

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 方向: 无线传感器网络、物联网, 边缘计算
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【个人简介】

李文藻, 男, 副教授, 民盟盟员, 博士研究生学历, 博士学位。2019年加拿大西门菲沙大学国家公派访问学者。近年来, 在国内外高水平期刊和重要学术会议上发表论文20余篇, 其中SCI收录10篇, EI收录10余篇。主持四川省科技厅项目、四川省教育厅项目等纵向科研项目6项, 横向合作项目多项。为CCF、ACM、IEEE会员。为国际SCI期刊《Wireless Personal Communications》、《Journal of Cloud Computing》等审稿人。

【主讲课程】

本科生课程: 《数据结构与算法设计》、《软件综合设计项目》
 研究生课程: 《现代通信技术前沿》

【主持(研)项目】

- 2021-2022年, “新工科”背景下面向工程教育的实践课程体系改革与探索, 教育部产学研教育改革项目, 主持
- 2018-2020年, 智慧城市中机会网络中移动节点能量约束的路由策略研究, 四川省科技厅基础研究项目(面上)(2018JY0290), 主持
- 2016-2017基于稀疏理论的医学PET影像重建研究, 协同创新中心开放基金项目, 主持
- 2014-2015在社会关系特征模型下的DTN部署系统研究, 四川省科技厅项目(14-YCG052), 主持
- 2014-2015城市中部署的容延迟网络路由协议研究, 四川省科技厅项目(2014ZR0146), 主持
- 2013-2013生物医药研发大型仪器设备共享平台的建设运行, 四川省科技厅基础平台建设子课题(2012JCPT002), 主持
- 2010-2012基于NDIS视频切换系统研究, 四川省教育厅青年基金(10ZB092), 主持

【科研成果】

一、部分发表论文

- Li W, Chen J, Li Y, et al. Mobile Edge Server Deployment towards Task Offloading in Mobile Edge Computing: A Clustering Approach[J]. 2022.
- Wenzao Li, Lingling Yang, Zhan Wen, Jiali Chen, Xi Wu. On the Optimization Strategy of EV Charging Station Localization and Charging Piles Density. Wirel. Commun. Mob. Comput. 2021: 6675841:1-6675841:13 (2021). SCI.
- Wenzao Li, Fangxin Wang, Yuwen Pan, Jiangchuan Liu. Computing Cost Optimization for Multi-BS in MEC by Offloading[J]. Mobile Networks and Applications, 2020(99). SCI.
- Yuwen Pan, Yuanwang Yang, Wenzao Li. A Deep Learning Trained by Genetic Algorithm to Improve the Efficiency of Path Planning for Data Collection With Multi-UAV[J]. IEEE Access, 2021, PP(99):1-1. SCI.
- Wenzao Li, Yuwen Pan, Fangxin Wang, Jiangchuan Liu. Toward Optimal Resource Allocation for Task Offloading in Mobile Edge Computing[C], International Conference on Heterogeneous Networking for Quality,

Reliability, Security and Robustness. Springer, Cham, 2019: 50-62. Ei.

6. Wenzao Li, Jianwei Liu, Xi Wu, Fangxin Wang and Jiangchuan Liu, "A Location-Aware Duty Cycle Approach toward Energy-Efficient Mobile Crowdsensing," 2019 IEEE 25th International Conference on Parallel and Distributed Systems (ICPADS), 2019: 562-569.Ei.

7. Shuang Xiao, Wenzao Li, Lingling Yang, et al. Graph-Coloring Based Spectrum Sharing for V2V communication[C],2020 International Conference on UK-China Emerging Technologies (UCET). IEEE, 2020: 1-4.Ei.

8. Jianwei Liu, Wenzao Li, Wen Zhan, et al. An energy efficiency approach via self-adaptive duty-cycle in social contacts scenario[C],2019 IEEE 25th International Conference on Parallel and Distributed Systems (ICPADS). IEEE, 2019: 955-958. Ei.

9. Shuang Xiao, Wenzao Li, Lingling Yang, et al. Joint uplink-downlink resource allocation under outage case in vehicular communications[C], 2019 IEEE 25th International Conference on Parallel and Distributed Systems (ICPADS). IEEE, 2019: 929-932. Ei.

10. Wenzao Li, Feng Lin, Yuanji Ma, Jiliu Zhou. DTNs for monitoring of communicable diseases in urban environments[J]. Journal of Computational Methods in Sciences and Engineering, 2018, 18(4): 917-929. Ei.

11. Wenzao Li, Wan B, Wen Z, et al. FRDV: A DTN Routing Based on Human Moving Status in Urban Environments[C]//International Conference on Cloud Computing and Security. Springer, Cham, 2018: 344-355. Ei.

12. Wenzao Li, Zhan Wen, Jianwei Liu, et al. The effective sleep scheduling in wireless opportunistic networks[C], MATEC Web of Conferences. EDP Sciences, 2018, 232: 01036. Ei.

13. Yao Yao, Zhang H, Sun J, Wenzao Li. Novel QCM humidity sensors using stacked black phosphorus nanosheets as sensing film[J]. Sensors and Actuators B: Chemical, 2017, 244: 259-264. SCI.

14. Yan Wang, Wu X, Wenzao Li, et al. Analysis of micro-Doppler signatures of vibration targets using EMD and SPWVD[J]. Neurocomputing, 2016, 171: 48-56. SCI.

15. Wenzao Li, Feng Lin, Jiuli Zhou, et al. DTN routing with fixed stations based on the geographic grid approach in an urban environment[J]. Wireless Personal Communications, 2015, 82(4): 2033-2049. SCI.

16. Wenzao Li, Feng Lin, Jiuli Zhou, et al. GTDM: a DTN routing on noncooperative game theory in a city environment[J]. Journal of Sensors, 2015, e1-12. SCI.

17. Yan Wang, Wenzao Li, Jiuli Zhou, et al. Identification of the normal and abnormal heart sounds using wavelet-time entropy features based on OMS-WPD[J]. Future Generation Computer Systems, 2014, 37: 488-495. SCI.

18. Yan Wang, Xi Wu, Wenzao Li, et al. A Reconstruction Method Based on AL0FGD for Compressed Sensing in Border Monitoring WSN System[J]. PloS one, 2014, 9(12): e112932. SCI.

二、授权专利

1. 一种基于延迟容忍网络的疫情监考方法及系统（ZL201710364806.2）发明专利
2. 用于智慧校园的远程教育声音采集装置（ZL201820557172.2）实用新型
3. 一种利用短距无线通信技术的商品状态检测的装置（ZL201721862078.X）实用新型

【关闭窗口】