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研究方向：机器人定位与导航，自动无人驾驶，智能交通，系统识别等。

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近年来主持参与的主要科研项目：

1. 主持，前方失稳车辆轨迹预测和自适应紧急 变道控制决策方法研究，湖北汽车工业学院博士启动基金项目；

2. 主持，基于安全可靠基础软件的城市综合交通枢纽智能指挥调度和运行优化系统研发及产业化，工信部电子产业发展基金项目；

3. 主持，动车故障轨边图像检测系统研制，北京市科委重大科技成果转化和产业统筹项目；

4. 核心参与， 山区高速公路应急资源调度与配置研究，三部委课题；

5. 核心参与， 重大突发事件处理交通组织保障技术研究，十五国家科技攻关计划项目(2005BA414B09)；

6. 核心参与，奥运交通应急指挥系统关键技术与示范工程，十一五国家科技支撑计划项目课题(2007BAK12B15)。

近年来发表的代表性论文：

[1]　CHEN Yue-ming, XIAO De-yun. Evacuation model and algorithms for emergency management system // Proceedings of the First International Coference of Transportatin Engineering, Chengdu, China. 2007: 3171-3177. **(EI)**

[2]　CHEN Yueming, XIAO Deyun. An algorithm of vehicle dispatching in emergency system. Computer and Communication. 2008, 26(1):24-26, 43

[3]　Yueming Chen, Deyun Xiao. Study on evacuation model and algorithm for emergency evacuation // Proceedings of the 7th World Congress on Intelligent Control and Automation, Chongqing, China. 2008: 3727-3731. **(EI)**

[4]　Yueming Chen, Deyun Xiao. Study on algorithm of optimal decision for vehicle dispatching in emergency system // Proceedings of Chinese Control and Decision Conference, Yantai, China. 2008: 4671-4674. **(EI)**

[5]　Yueming CHEN, Deyun XIAO. Emergency evacuation model and algorithms. Journal of Transportation Systems Engineering and Information Technology, Volume 8, Issue 6, December 2008, Pages 96-100. **(EI)**

[6]　CHEN Yue-ming, XIAO De-yun.. Review of Evacuation Modeling in Emergency and Its Application. Science Technology and Engineering, 2008,8(17):4945-4952.

[7]　CHEN Yue-ming, XIAO De-yun. Dynamic Traffic Assignment Method For Real-Time Traffic Management under Emergency Evacuation. Science Technology and Engineering, 2008, 8(15):4221-4227

[8]　CHEN Yue-ming, XIAO De-yun. Real-Time traffic management under emergency evacuation based on dynamic traffic assignment // Proceedings of the IEEE International Conference on Automation and Logistics. Qingdao, China, 2008: 1376-1380. **(EI)**

[9]　Chen Yue-ming, Xiao De-yun Traffic network flow forecasting under congested situation. Chinese Journal of Scientific Instrument, 2008, 29(8):111-116. **(EI)**

[10]　CHEN Yue-ming, XIAO De-yun. Dynamic traffic assignment-based method for real-time traffic management during emergency evacuation. 2009, 49(8):1102-1105. **(EI)**

[11]　Chen Yue-ming, Xiao De-yun. Traffic network flow forecasting based on switching model Control and Decision, 2009, 24(8):1177-1180. **(EI)**

[12]　Chen, Yue-Ming, Geng, Hui, Sheng, Gang. Emergency management system for major traffic accidents based on new model and algorithms // Proceedings of 2009 International Forum on Computer Science-Technology and Applications, Chongqing, China. 20009:367-371. **(EI)**

[13]　Chen, Yue-Ming, Geng, Hui. Research of Real-time Traffic Emergency Evacuation Management // Proceedings of 2010 International Conference on New Trends in Information Science and Service Science, Gyeongju, Korea. 2010:666-670. **(EI)**