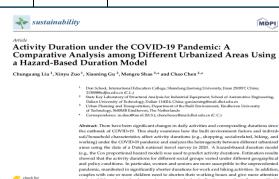
# 八、 学生培养成效

## (二) 学生荣誉与奖励

3. 学生发表 SCI 论文(部分)

序号	学生姓名	成果名称	期刊名称	成果 形式
1	左新羽	《Activity Duration under the COVID-19 Pandemic: A Comparative Analysis among Different Urbanized Areas Using a Hazard-Based Duration Model》 《疫情背景下活动持续时间的比较研究:基于风险模型的不同城市化区域分析》	Sustainabilit y (MDPI)	论文
2	王志玮	《The Impacts of Low-Carbon Incentives and Carbon-Reduction Awareness on Airport Ground Access Mode Choice under Travel Time Uncertainty: A Hybrid CPT-MNL Model.》 《旅行时间不确定性下低碳激励与减碳意识对机场地面交通方式选择的影响研究:基于 CPT-MNL 混合模型》	Sustainabilit y (MDPI)	论文
3	王兴宇	《The spatial and temporal disaggregation models of high - accuracy vehicle emission inventory》 《高精度机动车排放清单的时空分解模型研究》	Environmen t Internationa	论文
4	郭奥华	《Development of distributed and decentralized intelligent transport systems in terms of digitalization》 《面向数字化的分布式与去中心化智能交通系统发展研究》	E3S Web of Conferences	论文
5	王兴宇	《A novel spatial disaggregation model of vehicle emission inventory》 《一种新型机动车排放清单空间分解模型研究》	Urban Climate	论文
6	李一佳, 金自明	《Digital traffic state analysis for urban regions considering complex multi - directional flow changes》 《考虑复杂多方向流动变化的城市交通状态数字化分析》	Ain Shams Engineering Journal	论文
7	邵梦茹	《Investigating the Impacts of Autonomous Vehicles on the Efficiency of Road Network and Traffic Demand: A Case Study of Qingdao, China》 《自动驾驶车辆对道路网络效率与交通需求影响的研究:以中国青岛为例》	Sensors	论文
8	王荣洲	《A Method for Designing the Architecture of Intelligent Transportation Systems in the People's Republic of China》 《中国智能交通系统体系结构设计方法研究》	E3S Web of Conferences	论文
9	左新羽, 谷晓宁	《Activity Duration under the COVID-19 Pandemic: A Comparative Analysis among Different Urbanized Areas Using a Hazard-Based Duration Model》 《新冠疫情背景下的活动持续时间研究:基于风险持续时间模型的不同城市化区域比较分析》	Sustainabilit y	论文
10	邵梦茹, 吕庆昌, 左新羽, 谷晓宁	《The Impacts of Low-Carbon Incentives and Carbon-Reduction Awareness on Airport Ground Access Mode Choice under Travel Time Uncertainty: A Hybrid CPT-MNL Model》《旅行时间不确定性下低碳激励与减碳意识对机场地面出行方式选择的影响研究:基于 CPT-MNL 混合模型》	Sustainabilit y	论文

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11	姜吉啸	«Research on the efficiency of neural network-based traffic	transport	
		flow prediction model》	and	论文
		《基于神经网络的交通流预测模型效率研究》	technologic	
			al machines	
12	姜吉啸	《Research on Urban Road Traffic Flow Prediction Based on	Applied and	
		Hybrid CNN-LSTM Model》	Computatio	论文
		《基于 CNN-LSTM 混合模型的城市道路交通流预测研	nal	
		究》	Engineering	



Keywords: built environment; COVID-19 countermeasures; activity duration; spatial heterogenei

1. Introduction

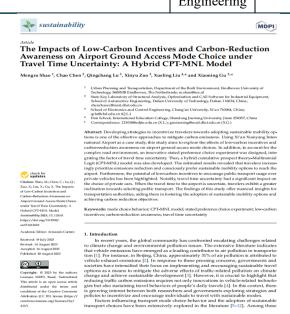
Since the first known outbreak of COVID-19 in Wuhan, China, in December 2015
this novel coreanizm has appread rapikly around two world. Precisely because of the
novel coreanizm has been appeared to the property of the control of th

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https://www.mdpi.com/journal/sustainability

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Affice Investigating the Impacts of Autonomous Vehicles on the Efficiency of Road Network and Traffic Demand: A Case Study of Qingdao, China

邵梦茹《Investigating the Impacts of Autonomous Vehicles on the Efficiency of Road Network and Traffic Demand: A Case Study of Qingdao, China» 《自动驾驶车辆对道路网络效率与交通需求影响 的研究: 以中国青岛为例》

https://doi.org/10.1051/e3sconf/202340307035

### Development of distributed and decentralized intelligent transport systems in terms of digitalization

Guo Aohua 14, Vladimir Zyryanov1, and Liu Chungus <sup>1</sup>Don State Technical University, Rostov-on-Don, Russ <sup>2</sup>Shandong Transport University, Jinan, China

Fast-growing end-to-end technologies, including the Internet of Things (IoT) and cloud computing, enable big data processing, analysis and decision-making in control systems. These technologies also include blockchain, which shows a rapid pace of development and a significant potential for application in ITS [I-3]. Blockchain can be used to create a secure, reliable and decentralized system, ensuring optimal use of all road infrastructure and resources. One of the most important issues in the application of blockchain technology is the security issues caused by the evolution of ITS towards centralization.

## Materials and methods

郭奥华《Development of distributed and decentralized intelligent transport systems in terms of digitalization»

《面向数字化的分布式与去中心化智能交通系统 发展研究》

sustainability

Article
The Impacts of Low-Carbon Incentives and Carbon-Reduction
Awareness on Airport Ground Access Mode Choice under
Travel Time Uncertainty: A Hybrid CPT-MNL Model

Mengru Shao <sup>1</sup>, Chao Chen <sup>2</sup>, Qingchang Lu <sup>3</sup>, Xinyu Zuo <sup>3</sup>, Xueling Liu <sup>4,\*</sup> and Xiaoning Gu <sup>2,\*</sup>

邵梦茹《The Impacts of Low-Carbon Incentives and Carbon-Reduction Awareness on Airport Ground Access Mode Choice under Travel Time Uncertainty: A Hybrid CPT-MNL Model》

《旅行时间不确定性下低碳激励与减碳意识对机 场地面出行方式选择的影响研究:基于 CPT-MNL 混合模型》

## A Method for Designing the Architecture of Intelligent Transportation Systems in the People's Republic of China

zhou Wang<sup>1</sup>, Vladimir Vasilyevich Zyryanov

Keywords: Architecture, Intelligent transport systems, Development method, Software engineering.

## 1 Introduction

With the rapid development of the social economy and technology, the number of existing cars and drivers has increased rapidly, and the construction of the urban road information management system has been relatively lagging behind, leading to the incompatibility the existing traffic management model with the rapidly growing demand for transportation. This created serious problems for the traffic accidents not only affect the development of economic construction, but also interfere with people's daily lives. Therefore, building an intelligent traffic information system, enhancing the city's economic development potential, effectively improving the city's investment environment, developing urban modernized traffic management plans, and using advanced technical means to achieve scientific management have become the top priority of urban traffic management construction[1].

Intelligent Tarnsportation Systems (ITS) have been developed very complete and mature in many developed countries of the world and are widely used. China's intelligent

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王荣洲《A Method for Designing the Architecture of Intelligent Transportation Systems in the People's Republic of China》

《中国智能交通系统体系结构设计方法研究》