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1. 主要成果 (近几年代表性论著论文,有关期刊网站, Recent Papers)

序号	发表时间 Time	论著(论文)名称 Title	发表载体 Journal	论著(论文)作者 Authors
1	2021	Designing Optimal Hub-and-Spoke Network Considering Flow Delay Cost: the Case of Urban Express Delivery in Eastern China (期刊论文, SCI, SSCI)	<i>Transportation Research Part E: Logistics and Transportation Review</i> , (forthcoming)	Bangjun Wang, Guoqiang Shen, Long Zhou
2	2020	Impacts of Land Covers on Stormwater Runoff and Urban Development: A Land Use and Parcel Based Regression Approach (期刊论文, SSCI)	<i>Land Use Policy</i> , Vol. 103, 105280	Long Zhou, Guoqiang Shen, Chaosu Li, Tian Chen, Sihong Li, Robert Brown
https://www.sciencedirect.com/science/article/abs/pii/S0264837721000041				
3	2020	A Multi-Level Spatial-Temporal Freight Movement: The Case of U.S. Manufactured Goods Flows on the U.S. Highway Networks (期刊论文, SCI, SSCI)	<i>Journal of Transport Geography</i> , Vol. 88, 102868	Guoqiang Shen, Long Zhou, Saniye Gizem Aydin
https://www.sciencedirect.com/science/article/pii/S0966692320309455				
4	2020	Accessibility Patterns of Housing to Facility: A Retro Comparison of Four Counties in North Carolina (期刊论文, SCI)	<i>ISPRS International Journal of Geo-Information</i> , Vol. 9, No. 5, 286	G. Shen, Xiaoyi Yan, Long Zhou, Zhangye Wang
https://www.mdpi.com/2220-9964/9/5/286				
5	2019	China's fight against water pollution (SCI)	<i>Science</i> (March 19, 2019)	Xigang Zhu, Siqu Yu, Guoqiang Shen
https://science.sciencemag.org/content/362/6412/298/tab-e-letters				
6	2019	Spatial–Temporal snapshots of global natural disaster impacts Revealed from EM-DAT for 1900-2015 (期刊论文, SCI)	<i>Geomatics, Natural Hazards and Risk</i> , Vol. 10, No. 1, pp. 912-934.	Guoqiang Shen*, Seong Nam Hwang

			https://www.tandfonline.com/doi/abs/10.1080/19475705.2018.1552630	
7	2018	Urban Form, Growth, and Accessibility in Space and Time: Anatomy of Land Use at the Parcel-Level in a Small to Medium-Sized American City(期刊论文, SCI, SSCI)	<i>Sustainability</i> , 10(12), 4572.	Zhou L*., Shen, G., Wu, Y., Brown, R., Chen, T., and Wang, C.
			https://www.mdpi.com/2071-1050/10/12/4572	
8	2018	A Global Expected Risk Analysis of Fatalities, Injuries, and Damages by Natural Disasters (期刊论文, SCI, SSCI)	<i>Sustainability</i> , 10(7), 2573.	Shen, G., Zhou L., Wu, Y*, Cai, Z.
			https://www.mdpi.com/2071-1050/10/7/2573	
9	2018	Optimal Hub-Spoke Network Design with Hub Reroute and Point-Point Connection: A Physical Perspective with Social Relevance (书章节)	<i>Book Chapter 4 in Cities as Spatial and Social Networks</i> , pp. 39-56. Edited by Xinyue Ye and Xingjian Liu. Springer.	Guoqiang Shen*
			https://www.springer.com/la/book/9783319953502	
10	2017	GIS-Based Analyses of U.S. International Seaborne Trade Flows (书章节)	Book Chapter 10 in <i>Advances in Shipping Data Analysis and Modeling: Tracking and Mapping Maritime Flows in the Age of Big Data</i> , pp.147-172. Edited by Dr. Cesar Ducruet, Routledge Studies in Transportation Analysis	Guoqiang Shen*
			https://www.routledge.com/Advances-in-Shipping-Data-Analysis-and-Modeling-Tracking-and-Mapping-Maritime/Ducruet/p/book/9781138280939	
11	2017	Ecological and Economic Impacts of Green Roofs and Permeable Pavements at the City Level: the Case of Corvallis, Oregon (SSCI-SCI 期刊论文)	<i>Journal of Environmental Planning and Management</i> , Vol. 61, No. 3, pp.430-450.	Long Zhou, Guoqiang Shen*, Tom Woodfin, Tian Chen, and Kun Song
			http://www.tandfonline.com/doi/full/10.1080/09640568.2017.1314859	
12	2017	Macro Signs of Emerging Real Estate Speculation in Urban China: 1980-2000 (书章节)	Book Chapter 5 in <i>Urbanization and Party Survival In China</i> , pp.85-104, edited by Dr. Xiaobing Li and Dr. Xiansheng Tian, Lexington Books, USA: New York	Guoqiang Shen*
			https://rowman.com/ISBN/9781498541992/Urbanization-and-Party-Survival-in-China-People-vs-Power	
13	2016	Revealing Global Hot Spots of	<i>Journal of Risk Research</i> , Vol. 21,	Guoqiang

		Technological Disasters: 1900–2013 (期刊论文 SSCI)	<u>Nov.3, pp. 361-393.</u>	Shen*, Seong Nam Hwang
http://www.tandfonline.com/doi/abs/10.1080/13669877.2016.1179214				
14	2015	A Spatial Analysis of Tornado-Induced Human Injuries and Fatalities in the U.S. (SCI 期刊论文)	<i>Natural Hazards</i> , Vol. 77, No. 2, pp. 1223-1242	Guoqiang Shen*, Seong Nam Hwang
https://link.springer.com/article/10.1007/s11069-015-1654-5				
15	2014	Origin–Destination Missing Data Estimation for Freight Transportation Planning: A Gravity Model-Based Regression Approach (期刊论文, SCI)	<i>Transportation Planning and Technology</i> , Vol. 37, No. 6, pp.505-524.	Guoqiang Shen*, Saniya. G. Aydin
http://www.tandfonline.com/doi/full/10.1080/03081060.2014.927665				
16	2014	Freight Flow Disruptions On U.S. Highway Networks Under An Extreme Event: The Case of Hurricane Katrina (期刊论文 SCI)	<i>International Journal of Environmental Science and Technology</i> , Vo.11, No. 8, 2387-2402	Guoqiang Shen*, Saniya. G. Aydin
https://link.springer.com/article/10.1007/s13762-014-0677-x				
17	2012	A Framework to Analyze Extreme Events with Case Studies (期刊论文 EI)	<i>International Journal of Critical Infrastructure</i> , Vol. 8, No., 4, pp. 273-292	Saniya, G. Aydin*, Guoqiang Shen, Simin P. Pulat, M. Kamath, R.G.Ingalls
http://www.inderscience.com/info/inarticle.php?articd=50098				
18	2012	A Freight Mode Choice Analysis Using a Binary Logit Model and GIS: The Case of Cereal Grains Transportation in the United States	<i>Journal of Transportation Technologies</i> , Vol.2, pp.175-188	Guoqiang Shen*, Jiahui Wang
http://www.scirp.org/journal/PaperInformation.aspx?paperID=18594				
19	2012	Exploration and visualization of highway freight flow movements in the United States using Geographical Information System (GIS)	<i>Journal of Geography and Regional Planning</i> . Vol. 5(10), pp. 263-286	Guoqiang Shen*, Saniya. G. Aydin
http://www.academicjournals.org/journal/JGRP/edition/18_May_2012				
20	2012	Data Mining for the Development of A Global Port-	<i>International Journal of Shipping and Transport Logistics</i> , Vol. 4, No. 2,	Jiahui Wang, Simin Pulat,

		to-Port Freight Movement Database (期刊论文 SCI)	pp.137-156	and Guoqiang Shen*
https://www.inderscienceonline.com/doi/abs/10.1504/IJSTL.2012.046192				
21	2012	A Retro-Analysis of I-40 Bridge Collapse on Freight Movement in the U.S. Highway Network using GIS and Assignment Models (期刊论文 SCI)	<i>International Journal of Transportation Science and Technology</i> . Vol. 1 No. 4, pp.379 – 397	Saniya. G. Aydin, Guoqiang Shen*, Simin Pulat
http://www.sciencedirect.com/science/article/pii/S2046043016301381				

2、领导（参与）过的近几年主要项目（注意，基本上是通知，主要是提供相关网页，可以到有关网站， recent research grants）

序号	起止时间	项目名称	项目性质和来源	经费总额	参与人数	申报人的具体职位和任务	主要创新
1	2018. 7-2021. 6	基于控碳体系的县域城镇规划技术研究	十三五“国家重点研发计划重点专项”绿色建筑及建筑工业化	3, 480 万元 (其中中央财政专项经费 1980 万元)	76	海外参与研究者 (Co-PI)	绿色建筑及建筑工业化
http://www.sohu.com/a/250158017_707164							
2	2018. 6-2019. 5	智慧城市水供应研究	德州阿灵顿市项目	20 万美元	4	项目参与者 (Co-PI)	水费模型
https://www.arlingtontx.gov/city_hall/departments/office_of_strategic_initiatives/arlington_urban_design_center							
3	2012. 10-2017. 10	极端气候下的交通物流, Freight under Extreme Weather	美国国家交通部 RITA, 大学交通中心 (UTC) , Basic, NSF+USDOT	560 万美元	10	科研主持人之一 (Co-PI), 申请和项目管理	极端气候下的综合交通物流安全和流

							量分析
http://www.sptc.org/							
4	2011. 10 -2013. 10	交通物流教育和实验室, Oklahoma Center for Transportation and Logistics Research, Education, and Outreach	俄克拉荷马州交通部, Applied, Oklahoma DOT	20 万美元	4	科研主持人 (PI), 申请和物流证书课程设计	综合交通物流研究生证书和培训
http://www.oktc.org/otc/OkTC%20Summer%202011%20Newsletter%20Final.pdf http://www.oktc.org/otc/files/finalReports/OTCES10.2-10-F.pdf							
5	2008. 10 -2010. 10	物流交通设施和供应链决策规划, A Decision Support System for Transportation Infrastructure and Supply Chain System Planning	俄克拉荷马州交通部, Applied, Oklahoma DOT	50 万美元	5	科研主持人 (PI), 申请和决策系统开发	综合交通物流可视化决策模型和算法
http://www.oktc.org/otc/files/2010-2011%20OkTC%20Annual%20Report%2011.29.2011.pdf							
6	2006. 10 -2010. 10	全球多时空综合物流交通安全和模型 Global Inter-Model	美国国家交通部 RITA, NSF, 国安部 DHS, 大学交通中心(UTC), Basic,	1250 万美元	20	科研主持人之一 (Co-PI), 申请和模型开发	全世界综合时空物流交

		Containerized Freight Security and Model	NSF+USDOT				通模型和算法
http://incog.org/transportation/destination2030/documents/freight/freightmovementmodel.pdf https://www.mettrans.org/2015-i-nuf-presentationspapers https://www.mettrans.org/2013-i-nuf-presentationspapers							
7	2005. 3 - 2006. 3	州域物流模型开发 Freight Movement Model Development for Oklahoma	俄州交通部	20 万美金	4	科研主持人之一 (Co-PI), 数据和模型	州域物流分析模型
http://www.oktc.org/otc/fmmfinalreport-dec09.pdf							
8	2004. 10 -2006. 10	国家公共交通分析 National Public Transportation Analysis Group (NAPTAG)	美国国家交通部, 联邦公共交通管理中心 USDOT, FTA	40 万美金	4	科研主持人之一 (Co-PI), 数据和模型	全国公共交通项目评估系统
http://www.oktc.org/otc/fmmfinalreport-dec09.pdf							

3、近几年主要获奖项目（注意，有的有奖状，有的没有比如只是个通知，主要是提供相关网页，都可以到有关网站, recent projects and awards）

序号	起止时间	项目名称	项目性质和来源	经费总额	参与人数	申报人的具体职位和任务	主要创新
1	2018	国家特聘专家	浙江大学	国家地方规定	1	PI	“空中院墅” 创新创意住宅

							体系规划 设计
http://www.1000plan.org/qrjh/section/2?m=rcrd							
2	2018. 1- 2018. 6	沿黄生态城镇带 “陕西省工程顶层 设计国际竞赛 (中标第一名)	陕西生发展和改革 委员会, 省体育产 业集团有限公司、 陕西长安航空旅游 有限公司	500 万元	美国 城典 (北 京) 规 划 设 计 咨 询 有 限 公 司, 同 济 大 学, 西 北 设 计 院	总体创 意规 划师 (城 典公 司搞 海外 顾 问), Co-PI)	总体策划
http://www.sndrc.gov.cn/html/100074/1027846.html http://dy.163.com/v2/article/detail/DJQ39GGR0514TTJM.html							
3	2017	百名海外博士江 苏行暨海外留学 人才创新创业大 赛 (近百名博士 项目获 4 名一等 奖第一名)	江苏省和南京市	现金 3 万 项 目启动 1000 万)	1-4	PI	“智慧共 享交通物 流”系统 和平台应 用
http://www.liuxuehr.com/news/jiaodianzixun/2017/1218/31503.html							

									
4	2016-2018	浙江杭州西湖区, 滨江区, 宁波鄞州区, 绍兴市, 江苏张家港, 昆山, 南京浦口区等海外创业创新项目获 2-3 等奖多项)	江苏省和浙江省地方市区政府	项目启动资金合计 1500 万)	1-4	PI	“智慧共享交通物流”, “空中院墅”, “终极视网”, “城市防灾减灾系统”等项目		
<p style="text-align: center;"> http://www.1000thinktank.com/apply/6372.jhtml http://scholarsupdate.hi2net.com/news.asp?NewsID=25002 </p>									