Robin Lovelace

List of Publications by Year
in descending order

43 papers	**984** citations	430754 **18** h-index	501076 **28** g-index
67 all docs	**67** docs citations	**67** times ranked	**1051** citing authors

#	Article	IF	Citations
1	Different people, different incentives? Examining the public acceptance of smartphone-based persuasive strategies for sustainable travel using psychographic segmentation. International Journal of Sustainable Transportation, 2022, 16, 1-21.	2.1	8
2	Multivariate Hierarchical Analysis of Car Crashes Data Considering a Spatial Network Lattice. Journal of the Royal Statistical Society Series A: Statistics in Society, 2022, 185, 1150-1177.	0.6	7
3	Severe and Fatal Cycling Crash Injury in Britain: Time to Make Urban Cycling Safer. Journal of Urban Health, 2022, 99, 334-343.	1.8	4
4	Cycling and socioeconomic (dis)advantage. Advances in Transport Policy and Planning, 2022, , 211-233.	0.7	2
5	Is cycling infrastructure in London safe and equitable? Evidence from the cycling infrastructure database. Journal of Transport and Health, 2022, 26, 101369.	1.1	3
6	Travel flow aggregation: Nationally scalable methods for interactive and online visualisation of transport behaviour at the road network level. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 1684-1696.	1.0	3
7	Open source tools for geographic analysis in transport planning. Journal of Geographical Systems, 2021, 23, 547-578.	1.9	25
8	Infrastructure is not enough: Interactions between the environment, socioeconomic disadvantage, and cycling participation in England. Journal of Transport and Land Use, 2021, 14, 693-714.	0.7	9
9	Health, environmental and distributional impacts of cycling uptake: The model underlying the Propensity to Cycle tool for England and Wales. Journal of Transport and Health, 2021, 22, 101066.	1.1	8
10	Cycling behaviour and socioeconomic disadvantage: An investigation based on the English National Travel Survey. Transportation Research, Part A: Policy and Practice, 2021, 152, 173-185.	2.0	6
11	Socioeconomic inequalities in cycling safety: An analysis of cycling injury risk by residential deprivation level in England. Journal of Transport and Health, 2021, 23, 101291.	1.1	2
12	Association of prevalence of active transport to work and incidence of myocardial infarction: A nationwide ecological study. European Journal of Preventive Cardiology, 2020, 27, 822-829.	0.8	8
13	Open access transport models: A leverage point in sustainable transport planning. Transport Policy, 2020, 97, 47-54.	3.4	29
14	Is the London Cycle Hire Scheme becoming more inclusive? An evaluation of the shifting spatial distribution of uptake based on 70 million trips. Transportation Research, Part A: Policy and Practice, 2020, 140, 1-15.	2.0	9
15	Road lighting density and brightness linked with increased cycling rates after-dark. PLoS ONE, 2020, 15, e0233105.	1.1	11
16	Open access, open source and cloud computing: a glimpse into the future of GIS. , 2020, , .		4
17	Scenarios of cycling to school in England, and associated health and carbon impacts: Application of the 'Propensity to Cycle Tool'. Journal of Transport and Health, 2019, 12, 263-278.	1.1	24
18	Characterising climate change discourse on social media during extreme weather events. Global Environmental Change, 2019, 54, 50-60.	3.6	55

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19	A Path Toward the Use of Trail Users' Tweets to Assess Effectiveness of the Environmental Stewardship Scheme: An Exploratory Analysis of the Pennine Way National Trail. Applied Spatial Analysis and Policy, 2019, 12, 71-99.	1.0	8
20	stats19: A package for working with open road crash data. Journal of Open Source Software, 2019, 4, 1181.	2.0	11
21	OpenTripPlanner for R. Journal of Open Source Software, 2019, 4, 1926.	2.0	21
22	stplanr: A Package for Transport Planning. R Journal, 2019, 10, 7.	0.7	31
23	Public transport and school location impacts on educational inequalities: Insights from São Paulo. Journal of Transport Geography, 2018, 67, 110-118.	2.3	58
24	Data visualisation to support obesity policy: case studies of data tools for planning and transport policy in the UK. International Journal of Obesity, 2018, 42, 1977-1986.	1.6	12
25	Development of the Impacts of Cycling Tool (ICT): A modelling study and web tool for evaluating health and environmental impacts of cycling uptake. PLoS Medicine, 2018, 15, e1002622.	3.9	30
26	Estimating the Determinants of Cycling: From Area to Road Network Levels. Journal of Transport and Health, 2018, 9, S4-S5.	1.1	0
27	Fuel price differentials and car ownership: A spatial analysis of diesel cars in Northern Ireland. Transportation Research, Part D: Transport and Environment, 2018, 63, 755-768.	3.2	5
28	Exploring the effect of local transport policies on the adoption of low emission vehicles: Evidence from the London Congestion Charge and Hybrid Electric Vehicles. Transport Policy, 2017, 60, 34-46.	3.4	35
29	Population Synthesis with Quasirandom Integer Sampling. Jasss, 2017, 20, .	1.0	5
30	osmdata. Journal of Open Source Software, 2017, 2, 305.	2.0	54
31	The Propensity to Cycle Tool: An open source online system for sustainable transport planning. Journal of Transport and Land Use, 2017, 10, .	0.7	77
32	From Big Noise to Big Data: Toward the Verification of Large Data sets for Understanding Regional Retail Flows. Geographical Analysis, 2016, 48, 59-81.	1.9	54
33	Who, where, when: the demographic and geographic distribution of bicycle crashes in West Yorkshire. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 41, 277-293.	1.8	20
34	Cycling promotion schemes and long-term behavioural change: A case study from the University of Sheffield. Case Studies on Transport Policy, 2016, 4, 133-142.	1.1	16
35	Evaluating the Performance of Iterative Proportional Fitting for Spatial Microsimulation: New Tests for an Established Technique. Jasss, 2015, 18, .	1.0	29
36	The 'oil vulnerability' of commuter patterns: A case study from Yorkshire and the Humber, UK. Geoforum, 2014, 51, 169-182.	1.4	31

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37	A spatial microsimulation approach for the analysis of commuter patterns: from individual to regional levels. Journal of Transport Geography, 2014, 34, 282-296.	2.3	50
38	â€˜Truncate, replicate, sampleâ€™: A method for creating integer weights for spatial microsimulation. Computers, Environment and Urban Systems, 2013, 41, 1-11.	3.3	44
39	Assessing the energy implications of replacing car trips with bicycle trips in Sheffield, UK. Energy Policy, 2011, 39, 2075-2087.	4.2	35
40	Energy: efficiency gains alone won't reduce emissions. Nature, 2008, 455, 460-460.	13.7	3
41	Geocomputation with R. , 0, , .		72
42	Methods to Prioritise Pop-up Active Transport Infrastructure. Findings, 0, , .	0.0	11
43	Jittering: A Computationally Efficient Method for Generating Realistic Route Networks from Origin-Destination Data. Findings, 0, , .	0.0	3