

# Robin Lovelace

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/325186/publications.pdf>

Version: 2024-02-01

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	The Propensity to Cycle Tool: An open source online system for sustainable transport planning. <i>Journal of Transport and Land Use</i> , 2017, 10, .	0.7	77
2	Geocomputation with R. , 0, , .		72
3	Public transport and school location impacts on educational inequalities: Insights from São Paulo. <i>Journal of Transport Geography</i> , 2018, 67, 110-118.	2.3	58
4	Characterising climate change discourse on social media during extreme weather events. <i>Global Environmental Change</i> , 2019, 54, 50-60.	3.6	55
5	From Big Noise to Big Data: Toward the Verification of Large Data sets for Understanding Regional Retail Flows. <i>Geographical Analysis</i> , 2016, 48, 59-81.	1.9	54
6	osmdata. <i>Journal of Open Source Software</i> , 2017, 2, 305.	2.0	54
7	A spatial microsimulation approach for the analysis of commuter patterns: from individual to regional levels. <i>Journal of Transport Geography</i> , 2014, 34, 282-296.	2.3	50
8	â€˜Truncate, replicate, sampleâ€™: A method for creating integer weights for spatial microsimulation. <i>Computers, Environment and Urban Systems</i> , 2013, 41, 1-11.	3.3	44
9	Assessing the energy implications of replacing car trips with bicycle trips in Sheffield, UK. <i>Energy Policy</i> , 2011, 39, 2075-2087.	4.2	35
10	Exploring the effect of local transport policies on the adoption of low emission vehicles: Evidence from the London Congestion Charge and Hybrid Electric Vehicles. <i>Transport Policy</i> , 2017, 60, 34-46.	3.4	35
11	The â€˜oil vulnerabilityâ€™ of commuter patterns: A case study from Yorkshire and the Humber, UK. <i>Geoforum</i> , 2014, 51, 169-182.	1.4	31
12	stplanr: A Package for Transport Planning. <i>R Journal</i> , 2019, 10, 7.	0.7	31
13	Development of the Impacts of Cycling Tool (ICT): A modelling study and web tool for evaluating health and environmental impacts of cycling uptake. <i>PLoS Medicine</i> , 2018, 15, e1002622.	3.9	30
14	Open access transport models: A leverage point in sustainable transport planning. <i>Transport Policy</i> , 2020, 97, 47-54.	3.4	29
15	Evaluating the Performance of Iterative Proportional Fitting for Spatial Microsimulation: New Tests for an Established Technique. <i>Jasss</i> , 2015, 18, .	1.0	29
16	Open source tools for geographic analysis in transport planning. <i>Journal of Geographical Systems</i> , 2021, 23, 547-578.	1.9	25
17	Scenarios of cycling to school in England, and associated health and carbon impacts: Application of the â€˜Propensity to Cycle Toolâ€™. <i>Journal of Transport and Health</i> , 2019, 12, 263-278.	1.1	24
18	OpenTripPlanner for R. <i>Journal of Open Source Software</i> , 2019, 4, 1926.	2.0	21

#	ARTICLE	IF	CITATIONS
19	Who, where, when: the demographic and geographic distribution of bicycle crashes in West Yorkshire. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2016, 41, 277-293.	1.8	20
20	Cycling promotion schemes and long-term behavioural change: A case study from the University of Sheffield. <i>Case Studies on Transport Policy</i> , 2016, 4, 133-142.	1.1	16
21	Data visualisation to support obesity policy: case studies of data tools for planning and transport policy in the UK. <i>International Journal of Obesity</i> , 2018, 42, 1977-1986.	1.6	12
22	Road lighting density and brightness linked with increased cycling rates after-dark. <i>PLoS ONE</i> , 2020, 15, e0233105.	1.1	11
23	stats19: A package for working with open road crash data. <i>Journal of Open Source Software</i> , 2019, 4, 1181.	2.0	11
24	Methods to Prioritise Pop-up Active Transport Infrastructure. <i>Findings</i> , 0, , .	0.0	11
25	Is the London Cycle Hire Scheme becoming more inclusive? An evaluation of the shifting spatial distribution of uptake based on 70 million trips. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 140, 1-15.	2.0	9
26	Infrastructure is not enough: Interactions between the environment, socioeconomic disadvantage, and cycling participation in England. <i>Journal of Transport and Land Use</i> , 2021, 14, 693-714.	0.7	9
27	A Path Toward the Use of Trail Usersâ€™ Tweets to Assess Effectiveness of the Environmental Stewardship Scheme: An Exploratory Analysis of the Pennine Way National Trail. <i>Applied Spatial Analysis and Policy</i> , 2019, 12, 71-99.	1.0	8
28	Association of prevalence of active transport to work and incidence of myocardial infarction: A nationwide ecological study. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 822-829.	0.8	8
29	Different people, different incentives? Examining the public acceptance of smartphone-based persuasive strategies for sustainable travel using psychographic segmentation. <i>International Journal of Sustainable Transportation</i> , 2022, 16, 1-21.	2.1	8
30	Health, environmental and distributional impacts of cycling uptake: The model underlying the Propensity to Cycle tool for England and Wales. <i>Journal of Transport and Health</i> , 2021, 22, 101066.	1.1	8
31	Multivariate Hierarchical Analysis of Car Crashes Data Considering a Spatial Network Lattice. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2022, 185, 1150-1177.	0.6	7
32	Cycling behaviour and socioeconomic disadvantage: An investigation based on the English National Travel Survey. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 152, 173-185.	2.0	6
33	Fuel price differentials and car ownership: A spatial analysis of diesel cars in Northern Ireland. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 63, 755-768.	3.2	5
34	Population Synthesis with Quasirandom Integer Sampling. <i>Jasss</i> , 2017, 20, .	1.0	5
35	Open access, open source and cloud computing: a glimpse into the future of GIS. , 2020, , .		4
36	Severe and Fatal Cycling Crash Injury in Britain: Time to Make Urban Cycling Safer. <i>Journal of Urban Health</i> , 2022, 99, 334-343.	1.8	4

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37	Energy: efficiency gains alone won't reduce emissions. <i>Nature</i> , 2008, 455, 460-460.	13.7	3
38	Travel flow aggregation: Nationally scalable methods for interactive and online visualisation of transport behaviour at the road network level. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 1684-1696.	1.0	3
39	Jittering: A Computationally Efficient Method for Generating Realistic Route Networks from Origin-Destination Data. <i>Findings</i> , 0, , .	0.0	3
40	Is cycling infrastructure in London safe and equitable? Evidence from the cycling infrastructure database. <i>Journal of Transport and Health</i> , 2022, 26, 101369.	1.1	3
41	Socioeconomic inequalities in cycling safety: An analysis of cycling injury risk by residential deprivation level in England. <i>Journal of Transport and Health</i> , 2021, 23, 101291.	1.1	2
42	Cycling and socioeconomic (dis)advantage. <i>Advances in Transport Policy and Planning</i> , 2022, , 211-233.	0.7	2
43	Estimating the Determinants of Cycling: From Area to Road Network Levels. <i>Journal of Transport and Health</i> , 2018, 9, S4-S5.	1.1	0