

# David Philip McArthur

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6770361/publications.pdf>

Version: 2024-02-01

30  
papers

461  
citations

932766

10  
h-index

713013

21  
g-index

31  
all docs

31  
docs citations

31  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ships in a city harbour: An economic valuation of atmospheric emissions. <i>Transportation Research, Part D: Transport and Environment</i> , 2013, 21, 47-52.	3.2	67
2	Visualising where commuting cyclists travel using crowdsourced data. <i>Journal of Transport Geography</i> , 2019, 74, 233-241.	2.3	47
3	Reporting practices in merchant shipping, and the identification of influencing factors. <i>Safety Science</i> , 2011, 49, 331-338.	2.6	45
4	Assessing the economic impact of wind farms on tourism in Scotland: GIS, surveys and policy outcomes. <i>International Journal of Tourism Research</i> , 2010, 12, 237-252.	2.1	38
5	Did Safe Cycling Infrastructure Still Matter During a COVID-19 Lockdown?. <i>Sustainability</i> , 2020, 12, 8672.	1.6	35
6	The evaluation of large cycling infrastructure investments in Glasgow using crowdsourced cycle data. <i>Transportation</i> , 2020, 47, 2859-2872.	2.1	32
7	The spatial transferability of parameters in a gravity model of commuting flows. <i>Journal of Transport Geography</i> , 2011, 19, 596-605.	2.3	27
8	Spatial urban data system: A cloud-enabled big data infrastructure for social and economic urban analytics. <i>Future Generation Computer Systems</i> , 2019, 98, 456-473.	4.9	27
9	Can providing safe cycling infrastructure encourage people to cycle more when it rains? The use of crowdsourced cycling data (Strava). <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 133, 109-121.	2.0	21
10	Enhancing data privacy with semantic trajectories: A raster-based framework for GPS stop/move management. <i>Transactions in GIS</i> , 2018, 22, 975-990.	1.0	11
11	Predicting cycling volumes using crowdsourced activity data. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 1228-1244.	1.0	11
12	A Micro-simulation Approach to Modelling Spatial Unemployment Disparities. <i>Growth and Change</i> , 2010, 41, 374-402.	1.3	10
13	Employment, Transport Infrastructure, and Rural Depopulation: A New Spatial Equilibrium Model. <i>Environment and Planning A</i> , 2014, 46, 1652-1665.	2.1	10
14	Is the popularity of social networking services beneficial for public health? Focusing on active travel and BMI. <i>Journal of Transport and Health</i> , 2018, 11, 183-192.	1.1	10
15	Did air pollution continue to affect bike share usage in Seoul during the COVID-19 pandemic?. <i>Journal of Transport and Health</i> , 2022, 24, 101342.	1.1	10
16	Spatial Transferability of Hedonic House Price Functions. <i>Regional Studies</i> , 2012, 46, 597-610.	2.5	9
17	How Does Internet Usage Influence Young Travelers's Choices?. <i>Journal of Planning Education and Research</i> , 2019, 39, 155-165.	1.5	9
18	The suitability of hedonic models for cost-benefit analysis: Evidence from commuting flows. <i>Transportation Research, Part A: Policy and Practice</i> , 2014, 61, 136-151.	2.0	8

#	ARTICLE	IF	CITATIONS
19	Can Accessing the Internet while Travelling Encourage Commuters to Use Public Transport Regardless of Their Attitude?. Sustainability, 2019, 11, 3281.	1.6	6
20	The impact of privacy protection measures on the utility of crowdsourced cycling data. Journal of Transport Geography, 2021, 92, 103020.	2.3	6
21	Exploring the Determinants of Regional Unemployment Disparities in Small Data Sets. International Regional Science Review, 2012, 35, 442-463.	1.0	5
22	How do psychological, habitual and built environment factors influence cycling in a city with a well-connected cycling infrastructure?. International Journal of Urban Sciences, 2022, 26, 478-498.	1.3	5
23	The impact of monetary costs on commuting flows. Papers in Regional Science, 2013, 92, 69-87.	1.0	3
24	Modelling the cost of providing ambulance services. Journal of Transport Geography, 2014, 34, 175-184.	2.3	3
25	Predicting with a small amount of data: an application of fuzzy reasoning to regional disparities. Journal of Economic Studies, 2014, 41, 12-28.	1.0	2
26	Cycling Trends in Scotland during the Early Phase of the COVID Pandemic. Active Travel Studies, 2022, 2, .	0.2	2
27	The role of young users in determining long-term care expenditure in Norway. Scandinavian Journal of Public Health, 2013, 41, 486-491.	1.2	1
28	Optimum Congestion Pricing in a Complex Network. SSRN Electronic Journal, 0, , .	0.4	1
29	Modelling Social Welfare Effects of Relocation and Road Pricing. SSRN Electronic Journal, 0, , .	0.4	0
30	Transport networks and accessibility: complex spatial interactions. , 2014, , .		0