

Daniel J Graham

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

132
papers

3,140
citations

28
h-index

52
g-index

137
ext. papers

3,831
ext. citations

3.8
avg, IF

5.93
L-index

#	Paper	IF	Citations
132	A meta-analysis of estimates of urban agglomeration economies. <i>Regional Science and Urban Economics</i> , 2009 , 39, 332-342	2.2	425
131	Road Traffic Demand Elasticity Estimates: A Review. <i>Transport Reviews</i> , 2004 , 24, 261-274	9.9	228
130	The productivity of transport infrastructure investment: A meta-analysis of empirical evidence. <i>Regional Science and Urban Economics</i> , 2013 , 43, 695-706	2.2	157
129	Spatial Variation in Road Pedestrian Casualties: The Role of Urban Scale, Density and Land-use Mix. <i>Urban Studies</i> , 2003 , 40, 1591-1607	3.2	117
128	Estimating the effect of urban density on fuel demand. <i>Energy Economics</i> , 2010 , 32, 86-92	8.3	95
127	Variable returns to agglomeration and the effect of road traffic congestion. <i>Journal of Urban Economics</i> , 2007 , 62, 103-120	4.1	83
126	Crowding cost estimation with large scale smart card and vehicle location data. <i>Transportation Research Part B: Methodological</i> , 2017 , 95, 105-125	7.2	80
125	A meta-analysis of the impact of rail projects on land and property values. <i>Transportation Research, Part A: Policy and Practice</i> , 2013 , 50, 158-170	3.7	75
124	Identifying urbanisation and localisation externalities in manufacturing and service industries*. <i>Papers in Regional Science</i> , 2009 , 88, 63-84	1.8	72
123	Development of Key Performance Indicator to Compare Regularity of Service between Urban Bus Operators. <i>Transportation Research Record</i> , 2011 , 2216, 33-41	1.7	61
122	Agglomeration, accessibility and productivity: Evidence for large metropolitan areas in the US. <i>Urban Studies</i> , 2017 , 54, 179-195	3.2	57
121	Productivity and efficiency in urban railways: Parametric and non-parametric estimates. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2008 , 44, 84-99	9	57
120	TESTING FOR CAUSALITY BETWEEN PRODUCTIVITY AND AGGLOMERATION ECONOMIES. <i>Journal of Regional Science</i> , 2010 , 50, 935-951	1.8	55
119	An empirical analytical framework for agglomeration economies. <i>Annals of Regional Science</i> , 2008 , 42, 267-289	1.1	53
118	Factors affecting accident severity inside and outside urban areas in Greece. <i>Traffic Injury Prevention</i> , 2012 , 13, 458-67	1.8	52
117	Gasoline Demand with Heterogeneity in Household Responses. <i>Energy Journal</i> , 2010 , 31,	3.5	52
116	The effects of congestion charging on road traffic casualties: a causal analysis using difference-in-difference estimation. <i>Accident Analysis and Prevention</i> , 2012 , 49, 366-77	6.1	51

115	The impacts of speed cameras on road accidents: an application of propensity score matching methods. <i>Accident Analysis and Prevention</i> , 2013 , 60, 148-57	6.1	50
114	The effects of area deprivation on the incidence of child and adult pedestrian casualties in England. <i>Accident Analysis and Prevention</i> , 2005 , 37, 125-35	6.1	48
113	The Location and Concentration of Businesses in Britain: Business Clusters, Business Services, Market Coverage and Local Economic Development. <i>Transactions of the Institute of British Geographers</i> , 1999 , 24, 393-420	2.5	43
112	Modelling fuel demand for different socio-economic groups. <i>Applied Energy</i> , 2009 , 86, 2740-2749	10.7	40
111	Equity analysis of personal tradable carbon permits for the road transport sector. <i>Environmental Science and Policy</i> , 2008 , 11, 533-544	6.2	38
110	Highway infrastructure and state-level employment: A causal spatial analysis. <i>Papers in Regional Science</i> , 2009 , 88, 133-159	1.8	34
109	A dynamic panel analysis of urban metro demand. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2009 , 45, 787-794	9	34
108	An analysis of gasoline demand elasticities at the national and local levels in Mexico. <i>Energy Policy</i> , 2010 , 38, 4445-4456	7.2	33
107	Quantifying the substitutability and complementarity between high-speed rail and air transport. <i>Transportation Research, Part A: Policy and Practice</i> , 2018 , 118, 191-215	3.7	32
106	Estimating the agglomeration benefits of transport investments: some tests for stability. <i>Transportation</i> , 2011 , 38, 409-426	4	30
105	Roles of accessibility, connectivity and spatial interdependence in realizing the economic impact of high-speed rail: Evidence from China. <i>Transport Policy</i> , 2020 , 91, 1-15	5.7	29
104	Air transport and economic growth: a review of the impact mechanism and causal relationships. <i>Transport Reviews</i> , 2020 , 40, 506-528	9.9	26
103	Use of Accident Prediction Models in Road Safety Management [An International Inquiry. <i>Transportation Research Procedia</i> , 2016 , 14, 4257-4266	2.4	26
102	HIGHWAY INFRASTRUCTURE INVESTMENT AND COUNTY EMPLOYMENT GROWTH: A DYNAMIC PANEL REGRESSION ANALYSIS*. <i>Journal of Regional Science</i> , 2009 , 49, 263-286	1.8	26
101	Economies of scale and density in urban rail transport: effects on productivity. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2003 , 39, 443-458	9	26
100	A semiparametric model of household gasoline demand. <i>Energy Economics</i> , 2010 , 32, 93-101	8.3	25
99	Assessment of Wider Economic Impacts of High-Speed Rail for Great Britain. <i>Transportation Research Record</i> , 2011 , 2261, 15-24	1.7	24
98	Quantifying Wider Economic Impacts of agglomeration for transport appraisal: Existing evidence and future directions. <i>Economics of Transportation</i> , 2019 , 19, 100121	2.5	22

97	The effect of labour market spatial structure on commuting in England and Wales □ <i>Journal of Economic Geography</i> , 2012 , 12, 717-737	3.7	20
96	Causal linkages between highways and sector-level employment. <i>Transportation Research, Part A: Policy and Practice</i> , 2010 , 44, 265-280	3.7	20
95	Decomposing the impact of deprivation on child pedestrian casualties in England. <i>Accident Analysis and Prevention</i> , 2008 , 40, 1351-64	6.1	20
94	Demand imbalances and multi-period public transport supply. <i>Transportation Research Part B: Methodological</i> , 2018 , 108, 106-126	7.2	19
93	Quantifying the causal effects of 20mph zones on road casualties in London via doubly robust estimation. <i>Accident Analysis and Prevention</i> , 2016 , 93, 65-74	6.1	19
92	Agglomeration elasticities and firm heterogeneity. <i>Journal of Urban Economics</i> , 2013 , 75, 44-56	4.1	19
91	A cointegration analysis of gasoline demand in the United States. <i>Applied Economics</i> , 2009 , 41, 3327-3336	6.6	19
90	The determinants of efficiency and productivity in European railways. <i>Applied Economics</i> , 2009 , 41, 2827-2851	6.6	18
89	Safety effects of the London cycle superhighways on cycle collisions. <i>Accident Analysis and Prevention</i> , 2017 , 99, 90-101	6.1	17
88	On the joint impact of high-speed rail and megalopolis policy on regional economic growth in China. <i>Transport Policy</i> , 2020 , 99, 20-30	5.7	17
87	Heterogeneous treatment effects of speed cameras on road safety. <i>Accident Analysis and Prevention</i> , 2016 , 97, 153-161	6.1	17
86	Social distancing in public transport: mobilising new technologies for demand management under the Covid-19 crisis. <i>Transportation</i> , 2021 , 1-30	4	16
85	Is the Mexico City metro an inferior good?. <i>Transport Policy</i> , 2009 , 16, 40-45	5.7	15
84	Approximate Bayesian Inference for Doubly Robust Estimation. <i>Bayesian Analysis</i> , 2016 , 11,	2.3	14
83	Highway infrastructure and private output: evidence from static and dynamic production function models. <i>Transportmetrica</i> , 2011 , 7, 347-367		14
82	Evaluating the causal economic impacts of transport investments: evidence from the MadridBarcelona high speed rail corridor. <i>Journal of Applied Statistics</i> , 2019 , 46, 1714-1723	1	14
81	Impact of Transport Infrastructure on Firm Formation: Evidence from Portuguese Municipalities. <i>Transportation Research Record</i> , 2010 , 2163, 133-143	1.7	13
80	The impact of high-speed technology on railway demand. <i>Transportation</i> , 2007 , 35, 111-128	4	13

79	Proper Pricing for Transport Infrastructure and the Case of Urban Road Congestion. <i>Urban Studies</i> , 2006 , 43, 1395-1418	3.2	13
78	Spatial Variation in Labour Productivity in British Manufacturing. <i>International Review of Applied Economics</i> , 2000 , 14, 323-341	1	13
77	Explaining Size Differentiation of Business Service Centres. <i>Urban Studies</i> , 1998 , 35, 1457-1480	3.2	13
76	Contemporary Deindustrialisation and Tertiarisation in the London Economy. <i>Urban Studies</i> , 1995 , 32, 885-911	3.2	13
75	Agglomeration Elasticities in New Zealand. <i>Motu Working Paper</i> , 2009 ,		13
74	A pseudo panel approach to estimating dynamic effects of road infrastructure on firm performance in a developing country context. <i>Regional Science and Urban Economics</i> , 2018 , 70, 20-34	2.2	12
73	Variability in Comparable Performance of Urban Bus Operations. <i>Transportation Research Record</i> , 2009 , 2111, 177-184	1.7	12
72	Modelling the impact of liner shipping network perturbations on container cargo routing: Southeast Asia to Europe application. <i>Accident Analysis and Prevention</i> , 2019 , 123, 399-410	6.1	12
71	Gender differences in the perception of safety in public transport. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2020 , 183, 737-769	2.1	12
70	Road traffic accident prediction modelling: a literature review. <i>Proceedings of the Institution of Civil Engineers: Transport</i> , 2017 , 1-10	0.5	11
69	Comparison of empirical Bayes and propensity score methods for road safety evaluation: A simulation study. <i>Accident Analysis and Prevention</i> , 2019 , 129, 148-155	6.1	11
68	Transport-induced agglomeration effects: Evidence for US metropolitan areas. <i>Regional Science Policy and Practice</i> , 2018 , 10, 37-47	1.6	11
67	Quantifying the effect of area deprivation on child pedestrian casualties by using longitudinal mixed models to adjust for confounding, interference and spatial dependence. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2013 , 176, 931-950	2.1	11
66	A Productivity Growth Interpretation of the Labour Demand Shift-Share Model. <i>Regional Studies</i> , 1998 , 32, 515-525	3.4	11
65	Agglomeration Elasticities in New Zealand. <i>SSRN Electronic Journal</i> ,	1	11
64	Public transport provision under agglomeration economies. <i>Regional Science and Urban Economics</i> , 2020 , 81, 103503	2.2	11
63	MaaS economics: Should we fight car ownership with subscriptions to alternative modes?. <i>Economics of Transportation</i> , 2020 , 22, 100167	2.5	10
62	Testing for labour pooling as a source of agglomeration economies: Evidence for labour markets in England and Wales. <i>Papers in Regional Science</i> , 2014 , 93, 31-52	1.8	10

61	Quantifying Causal Effects of Road Network Capacity Expansions on Traffic Volume and Density via a Mixed Model Propensity Score Estimator. <i>Journal of the American Statistical Association</i> , 2014 , 109, 1440-1449	2.8	10
60	The Role of Metro Fares, Income, Metro Quality of Service and Fuel Prices for Sustainable Transportation in Mexico City. <i>International Journal of Sustainable Transportation</i> , 2011 , 5, 1-24	3.6	10
59	Estimation of Road Traffic Demand Elasticities for Mexico City, Mexico. <i>Transportation Research Record</i> , 2009 , 2134, 99-105	1.7	10
58	Productivity growth in British manufacturing: spatial variation in the role of scale economies, technological growth and industrial structure. <i>Applied Economics</i> , 2001 , 33, 811-821	1.6	10
57	The effects of high-speed rail development on regional equity in China. <i>Transportation Research, Part A: Policy and Practice</i> , 2020 , 141, 180-202	3.7	10
56	The economics of seat provision in public transport. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018 , 109, 277-292	9	10
55	Willingness to pay and attitudinal preferences of Indian consumers for electric vehicles. <i>Energy Economics</i> , 2021 , 100, 105340	8.3	10
54	Understanding the costs of urban rail transport operations. <i>Transportation Research Part B: Methodological</i> , 2020 , 138, 292-316	7.2	9
53	Impacts of Unattended Train Operations on Productivity and Efficiency in Metropolitan Railways. <i>Transportation Research Record</i> , 2015 , 2534, 75-83	1.7	9
52	Transportation-Induced Agglomeration Effects and Productivity of Firms in Megacity Region of Paris Basin. <i>Transportation Research Record</i> , 2012 , 2307, 21-30	1.7	9
51	Effects of Road Investments on Economic Output and Induced Travel Demand: Evidence for Urbanized Areas in the United States. <i>Transportation Research Record</i> , 2012 , 2297, 163-171	1.7	9
50	An evaluation of national road user charging in England. <i>Transportation Research, Part A: Policy and Practice</i> , 2005 , 39, 632-650	3.7	9
49	Development of a Transnational Accident Prediction Model. <i>Transportation Research Procedia</i> , 2016 , 14, 1772-1781	2.4	9
48	Do speed cameras reduce road traffic collisions?. <i>PLoS ONE</i> , 2019 , 14, e0221267	3.7	8
47	Competition for Metropolitan Resources: The Crowding Out of London's Manufacturing Industry?. <i>Environment and Planning A</i> , 1997 , 29, 459-484	2.7	8
46	Decomposing the determinants of road traffic demand. <i>Applied Economics</i> , 2005 , 37, 19-28	1.6	8
45	Effects of changes in road network characteristics on road casualties: An application of full Bayes models using panel data. <i>Safety Science</i> , 2015 , 72, 283-292	5.8	7
44	The contributions of technical and allocative efficiency to the economic performance of European railways. <i>Portuguese Economic Journal</i> , 2008 , 7, 125-153	0.9	7

43	Quantifying the ex-post causal impact of differential pricing on commuter trip scheduling in Hong Kong. <i>Transportation Research, Part A: Policy and Practice</i> , 2020 , 141, 16-34	3.7	7
42	Evaluation of port disruption impacts in the global liner shipping network. <i>Journal of Shipping and Trade</i> , 2019 , 4,	1.7	6
41	Determinants of Delay Incident Occurrence in Urban Metros. <i>Transportation Research Record</i> , 2011 , 2216, 10-18	1.7	6
40	Testing for the Distributional Effects of National Road User Charging. <i>International Journal of Sustainable Transportation</i> , 2009 , 3, 18-38	3.6	6
39	Comparison of exposure in pedestrian crash analyses: A study based on zonal origin-destination survey data. <i>Safety Science</i> , 2020 , 131, 104926	5.8	6
38	Development of a Key Performance Indicator System to Benchmark Relative Paratransit Performance. <i>Transportation Research Record</i> , 2017 , 2650, 1-8	1.7	5
37	Are multiple speed cameras more effective than a single one? Causal analysis of the safety impacts of multiple speed cameras. <i>Accident Analysis and Prevention</i> , 2020 , 139, 105488	6.1	5
36	Determinants of rolling stock maintenance cost in metros. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2016 , 230, 1487-1495	1.4	5
35	The demand for road transport diesel fuel in the UK: Empirical evidence from static and dynamic cointegration techniques. <i>Transportation Research, Part D: Transport and Environment</i> , 2014 , 26, 60-66	6.4	5
34	Impacts of Moving-Block Signaling on Technical Efficiency: Application of Propensity Score Matching on Urban Metro Rail Systems. <i>Transportation Research Record</i> , 2015 , 2534, 68-74	1.7	5
33	Determinants of Train Service Costs in Metro Operations. <i>Transportation Research Record</i> , 2015 , 2534, 31-37	1.7	5
32	The Gini index of demand imbalances in public transport. <i>Transportation</i> , 2020 , 48, 2521	4	4
31	Air quality impacts of new public transport provision: A causal analysis of the Jubilee Line Extension in London. <i>Atmospheric Environment</i> , 2021 , 245, 118025	5.3	4
30	Urban Metro Rail Demand: Evidence from Dynamic Generalized Method of Moments Estimates using Panel Data. <i>Transportation Research Record</i> , 2018 , 2672, 288-296	1.7	4
29	Best Practices in Operating High Frequency Metro Services. <i>Transportation Research Record</i> , 2019 , 2673, 491-501	1.7	3
28	Use of Open Data to Assess Cyclist Safety in London. <i>Transportation Research Record</i> , 2019 , 2673, 27-35	1.7	3
27	Manufacturing Employment Change, Output Demand, and Labor Productivity in the Regions of Britain. <i>International Regional Science Review</i> , 2000 , 23, 172-200	1.8	3
26	Metro Station Operating Costs: An Econometric Analysis. <i>Journal of Public Transportation</i> , 2007 , 10, 93-107	1.8	3

25	Decomposing journey times on urban metro systems via semiparametric mixed methods. <i>Transportation Research Part C: Emerging Technologies</i> , 2020 , 114, 140-163	8.4	2
24	Improved understanding of the relative quality of bus public transit using a balanced approach to performance data normalization?. <i>Transportation Research, Part A: Policy and Practice</i> , 2018 , 114, 13-23	3.7	2
23	Role of Air Travel Demand Elasticities in Reducing Aviation's Carbon Dioxide Emissions: Evidence for European Airlines. <i>Transportation Research Record</i> , 2012 , 2300, 31-41	1.7	2
22	Quantifying the impacts of air transportation on economic productivity: a quasi-experimental causal analysis. <i>Economics of Transportation</i> , 2020 , 24, 100195	2.5	2
21	Fuel economy valuation and preferences of Indian two-wheeler buyers. <i>Journal of Cleaner Production</i> , 2021 , 294, 126328	10.3	2
20	Fast Bayesian estimation of spatial count data models. <i>Computational Statistics and Data Analysis</i> , 2021 , 157, 107152	1.6	2
19	Evaluating the speed camera sites selection criteria in the UK. <i>Journal of Safety Research</i> , 2021 , 76, 90-100	1.0	2
18	Preferences for using the London Underground during the COVID-19 pandemic.. <i>Transportation Research, Part A: Policy and Practice</i> , 2022 , 160, 45-60	3.7	2
17	Pricing our Roads: Vision and Reality. <i>SSRN Electronic Journal</i> , 2005 ,	1	1
16	Metros, Agglomeration and Firm Productivity. Evidence from London. <i>SSRN Electronic Journal</i> ,	1	1
15	Attacker-defender modelling of vulnerability in maritime logistics corridors 2017 , 297-315		1
14	A benchmarking framework for understanding bus performance in the US. <i>Benchmarking</i> , 2020 , 27, 1533-1550	1.550	1
13	The impact of the MeToo scandal on women's perceptions of security. <i>Transportation Research, Part A: Policy and Practice</i> , 2021 , 147, 269-283	3.7	1
12	A dynamic choice model to estimate the user cost of crowding with large-scale transit data. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> ,	2.1	1
11	Road traffic casualties in Great Britain at daylight savings time transitions: a causal regression discontinuity design analysis.. <i>BMJ Open</i> , 2022 , 12, e054678	3	1
10	Do changes in air transportation affect productivity? A cross-country panel approach. <i>Regional Science Policy and Practice</i> , 2020 , 12, 493-505	1.6	0
9	Has the ultra low emission zone in London improved air quality?. <i>Environmental Research Letters</i> , 2021 , 16, 124001	6.2	0
8	Passenger shuttle service network design in an airport. <i>Transportmetrica B</i> , 1-27	1.8	0

7	Quantifying responses to changes in the jurisdiction of a congestion charge: A study of the London western extension. <i>PLoS ONE</i> , 2021 , 16, e0253881	3.7	○
6	A causal inference approach to measure the vulnerability of urban metro systems. <i>Transportation</i> , 2021 , 48, 3269	4	○
5	Metros, agglomeration and displacement. Evidence from London. <i>Regional Science and Urban Economics</i> , 2021 , 90, 103681	2.2	○
4	The boundary between random and non-random passenger arrivals: Robust empirical evidence and economic implications. <i>Transportation Research Part C: Emerging Technologies</i> , 2021 , 130, 103267	8.4	○
3	Causal Inference for Ex Post Evaluation of Transport Interventions 2021 , 283-290		○
2	Characterizing Journey Time Performance on Urban Metro Systems under Varying Operating Conditions. <i>Transportation Research Record</i> , 2019 , 2673, 516-528	1.7	
1	Optimal infrastructure reinvestment in urban rail systems: A dynamic supply optimisation approach. <i>Transportation Research, Part A: Policy and Practice</i> , 2021 , 147, 251-268	3.7	