

Daniel J Graham

List of Publications by Year in descending order

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136
papers

4,544
citations

126858

33
h-index

133188

59
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138
all docs

138
docs citations

138
times ranked

3059
citing authors

#	ARTICLE	IF	CITATIONS
1	A meta-analysis of estimates of urban agglomeration economies. <i>Regional Science and Urban Economics</i> , 2009, 39, 332-342.	1.4	560
2	Road Traffic Demand Elasticity Estimates: A Review. <i>Transport Reviews</i> , 2004, 24, 261-274.	4.7	271
3	The productivity of transport infrastructure investment: A meta-analysis of empirical evidence. <i>Regional Science and Urban Economics</i> , 2013, 43, 695-706.	1.4	207
4	Spatial Variation in Road Pedestrian Casualties: The Role of Urban Scale, Density and Land-use Mix. <i>Urban Studies</i> , 2003, 40, 1591-1607.	2.2	133
5	Crowding cost estimation with large scale smart card and vehicle location data. <i>Transportation Research Part B: Methodological</i> , 2017, 95, 105-125.	2.8	131
6	Estimating the effect of urban density on fuel demand. <i>Energy Economics</i> , 2010, 32, 86-92.	5.6	118
7	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.	2.0	110
8	Variable returns to agglomeration and the effect of road traffic congestion. <i>Journal of Urban Economics</i> , 2007, 62, 103-120.	2.4	105
9	Identifying urbanisation and localisation externalities in manufacturing and service industries. <i>Papers in Regional Science</i> , 2009, 88, 63-85.	1.0	93
10	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.	3.4	88
11	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, 366-377.	3.0	84
12	Agglomeration, accessibility and productivity: Evidence for large metropolitan areas in the US. <i>Urban Studies</i> , 2017, 54, 179-195.	2.2	84
13	Development of Key Performance Indicator to Compare Regularity of Service between Urban Bus Operators. <i>Transportation Research Record</i> , 2011, 2216, 33-41.	1.0	76
14	Gasoline Demand with Heterogeneity in Household Responses. <i>Energy Journal</i> , 2010, 31, 47-74.	0.9	76
15	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.	3.7	75
16	The impacts of speed cameras on road accidents: An application of propensity score matching methods. <i>Accident Analysis and Prevention</i> , 2013, 60, 148-157.	3.0	75
17	TESTING FOR CAUSALITY BETWEEN PRODUCTIVITY AND AGGLOMERATION ECONOMIES. <i>Journal of Regional Science</i> , 2010, 50, 935-951.	2.1	74
18	Air transport and economic growth: a review of the impact mechanism and causal relationships. <i>Transport Reviews</i> , 2020, 40, 506-528.	4.7	73

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19	Factors Affecting Accident Severity Inside and Outside Urban Areas in Greece. Traffic Injury Prevention, 2012, 13, 458-467.	0.6	67
20	An empirical analytical framework for agglomeration economies. Annals of Regional Science, 2008, 42, 267-289.	1.0	64
21	The effects of area deprivation on the incidence of child and adult pedestrian casualties in England. Accident Analysis and Prevention, 2005, 37, 125-135.	3.0	59
22	Modelling fuel demand for different socio-economic groups. Applied Energy, 2009, 86, 2740-2749.	5.1	54
23	Equity analysis of personal tradable carbon permits for the road transport sector. Environmental Science and Policy, 2008, 11, 533-544.	2.4	53
24	The Location and Concentration of Businesses in Britain: Business Clusters, Business Services, Market Coverage and Local Economic Development. Transactions of the Institute of British Geographers, 1999, 24, 393-420.	1.8	50
25	Quantifying the substitutability and complementarity between high-speed rail and air transport. Transportation Research, Part A: Policy and Practice, 2018, 118, 191-215.	2.0	50
26	Willingness to pay and attitudinal preferences of Indian consumers for electric vehicles. Energy Economics, 2021, 100, 105340.	5.6	48
27	Use of Accident Prediction Models in Road Safety Management – An International Inquiry. Transportation Research Procedia, 2016, 14, 4257-4266.	0.8	42
28	An analysis of gasoline demand elasticities at the national and local levels in Mexico. Energy Policy, 2010, 38, 4445-4456.	4.2	41
29	Quantifying Wider Economic Impacts of agglomeration for transport appraisal: Existing evidence and future directions. Economics of Transportation, 2019, 19, 100121.	1.1	41
30	Estimating the agglomeration benefits of transport investments: some tests for stability. Transportation, 2011, 38, 409-426.	2.1	40
31	Highway infrastructure and state-level employment: A causal spatial analysis. Papers in Regional Science, 2009, 88, 133-160.	1.0	39
32	Social distancing in public transport: mobilising new technologies for demand management under the Covid-19 crisis. Transportation, 2022, 49, 735-764.	2.1	39
33	A dynamic panel analysis of urban metro demand. Transportation Research, Part E: Logistics and Transportation Review, 2009, 45, 787-794.	3.7	38
34	On the joint impact of high-speed rail and megalopolis policy on regional economic growth in China. Transport Policy, 2020, 99, 20-30.	3.4	38
35	Economies of scale and density in urban rail transport: effects on productivity. Transportation Research, Part E: Logistics and Transportation Review, 2003, 39, 443-458.	3.7	34
36	Assessment of Wider Economic Impacts of High-Speed Rail for Great Britain. Transportation Research Record, 2011, 2261, 15-24.	1.0	34

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37	Agglomeration elasticities and firm heterogeneity. <i>Journal of Urban Economics</i> , 2013, 75, 44-56.	2.4	34
38	Causal linkages between highways and sector-level employment. <i>Transportation Research, Part A: Policy and Practice</i> , 2010, 44, 265-280.	2.0	33
39	HIGHWAY INFRASTRUCTURE INVESTMENT AND COUNTY EMPLOYMENT GROWTH: A DYNAMIC PANEL REGRESSION ANALYSIS*. <i>Journal of Regional Science</i> , 2009, 49, 263-286.	2.1	32
40	A semiparametric model of household gasoline demand. <i>Energy Economics</i> , 2010, 32, 93-101.	5.6	32
41	Demand imbalances and multi-period public transport supply. <i>Transportation Research Part B: Methodological</i> , 2018, 108, 106-126.	2.8	29
42	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.	2.0	29
43	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.	0.6	29
44	MaaS economics: Should we fight car ownership with subscriptions to alternative modes?. <i>Economics of Transportation</i> , 2020, 22, 100167.	1.1	27
45	The effect of labour market spatial structure on commuting in England and Wales â€¦. <i>Journal of Economic Geography</i> , 2012, 12, 717-737.	1.6	26
46	Road traffic accident prediction modelling: a literature review. <i>Proceedings of the Institution of Civil Engineers: Transport</i> , 2017, 170, 245-254.	0.3	25
47	Safety effects of the London cycle superhighways on cycle collisions. <i>Accident Analysis and Prevention</i> , 2017, 99, 90-101.	3.0	25
48	Decomposing the impact of deprivation on child pedestrian casualties in England. <i>Accident Analysis and Prevention</i> , 2008, 40, 1351-1364.	3.0	24
49	A cointegration analysis of gasoline demand in the United States. <i>Applied Economics</i> , 2009, 41, 3327-3336.	1.2	24
50	Quantifying the causal effects of 20 mph zones on road casualties in London via doubly robust estimation. <i>Accident Analysis and Prevention</i> , 2016, 93, 65-74.	3.0	24
51	Transportâ€¦induced agglomeration effects: Evidence for US metropolitan areas. <i>Regional Science Policy and Practice</i> , 2018, 10, 37-47.	0.8	23
52	Approximate Bayesian Inference for Doubly Robust Estimation. <i>Bayesian Analysis</i> , 2016, 11, .	1.6	22
53	Evaluating the causal economic impacts of transport investments: evidence from the Madridâ€¦Barcelona high speed rail corridor. <i>Journal of Applied Statistics</i> , 2019, 46, 1714-1723.	0.6	22
54	The determinants of efficiency and productivity in European railways. <i>Applied Economics</i> , 2009, 41, 2827-2851.	1.2	21

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55	Impact of Transport Infrastructure on Firm Formation. <i>Transportation Research Record</i> , 2010, 2163, 133-143.	1.0	21
56	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.	1.8	21
57	Heterogeneous treatment effects of speed cameras on road safety. <i>Accident Analysis and Prevention</i> , 2016, 97, 153-161.	3.0	21
58	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.	3.0	19
59	Public transport provision under agglomeration economies. <i>Regional Science and Urban Economics</i> , 2020, 81, 103503.	1.4	19
60	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.	3.0	18
61	Understanding the costs of urban rail transport operations. <i>Transportation Research Part B: Methodological</i> , 2020, 138, 292-316.	2.8	18
62	Agglomeration Elasticities in New Zealand. <i>SSRN Electronic Journal</i> , 0, , .	0.4	18
63	Contemporary Deindustrialisation and Tertiarisation in the London Economy. <i>Urban Studies</i> , 1995, 32, 885-911.	2.2	17
64	Proper Pricing for Transport Infrastructure and the Case of Urban Road Congestion. <i>Urban Studies</i> , 2006, 43, 1395-1418.	2.2	17
65	The impact of high-speed technology on railway demand. <i>Transportation</i> , 2007, 35, 111-128.	2.1	17
66	Is the Mexico City metro an inferior good?. <i>Transport Policy</i> , 2009, 16, 40-45.	3.4	17
67	Highway infrastructure and private output: evidence from static and dynamic production function models. <i>Transportmetrica</i> , 2011, 7, 347-367.	1.8	17
68	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.	1.4	17
69	Do speed cameras reduce road traffic collisions?. <i>PLoS ONE</i> , 2019, 14, e0221267.	1.1	17
70	Evaluation of port disruption impacts in the global liner shipping network. <i>Journal of Shipping and Trade</i> , 2019, 4, .	0.7	17
71	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, 31-53.	1.0	16
72	Comparison of exposure in pedestrian crash analyses: A study based on zonal origin-destination survey data. <i>Safety Science</i> , 2020, 131, 104926.	2.6	16

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73	Explaining Size Differentiation of Business Service Centres. <i>Urban Studies</i> , 1998, 35, 1457-1480.	2.2	15
74	Impacts of Unattended Train Operations on Productivity and Efficiency in Metropolitan Railways. <i>Transportation Research Record</i> , 2015, 2534, 75-83.	1.0	15
75	Spatial Variation in Labour Productivity in British Manufacturing. <i>International Review of Applied Economics</i> , 2000, 14, 323-341.	1.3	14
76	Variability in Comparable Performance of Urban Bus Operations. <i>Transportation Research Record</i> , 2009, 2111, 177-184.	1.0	14
77	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.	0.6	14
78	The economics of seat provision in public transport. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 109, 277-292.	3.7	14
79	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.	1.2	13
80	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.	2.1	13
81	Effects of Road Investments on Economic Output and Induced Travel Demand. <i>Transportation Research Record</i> , 2012, 2297, 163-171.	1.0	13
82	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.	3.0	13
83	A Productivity Growth Interpretation of the Labour Demand Shift-Share Model. <i>Regional Studies</i> , 1998, 32, 515-525.	2.5	12
84	An evaluation of national road user charging in England. <i>Transportation Research, Part A: Policy and Practice</i> , 2005, 39, 632-650.	2.0	12
85	Development of a Transnational Accident Prediction Model. <i>Transportation Research Procedia</i> , 2016, 14, 1772-1781.	0.8	12
86	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.	2.0	12
87	Fuel economy valuation and preferences of Indian two-wheeler buyers. <i>Journal of Cleaner Production</i> , 2021, 294, 126328.	4.6	12
88	Competition for Metropolitan Resources: The "Crowding Out" of London's Manufacturing Industry?. <i>Environment and Planning A</i> , 1997, 29, 459-484.	2.1	11
89	Decomposing the determinants of road traffic demand. <i>Applied Economics</i> , 2005, 37, 19-28.	1.2	11
90	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.	2.6	11

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91	The Gini index of demand imbalances in public transport. <i>Transportation</i> , 2021, 48, 2521-2544.	2.1	11
92	Has the ultra low emission zone in London improved air quality?. <i>Environmental Research Letters</i> , 2021, 16, 124001.	2.2	11
93	Estimation of Road Traffic Demand Elasticities for Mexico City, Mexico. <i>Transportation Research Record</i> , 2009, 2134, 99-105.	1.0	10
94	Decomposing journey times on urban metro systems via semiparametric mixed methods. <i>Transportation Research Part C: Emerging Technologies</i> , 2020, 114, 140-163.	3.9	10
95	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.	1.9	10
96	The contributions of technical and allocative efficiency to the economic performance of European railways. <i>Portuguese Economic Journal</i> , 2008, 7, 125-153.	0.6	9
97	Determinants of Delay Incident Occurrence in Urban Metros. <i>Transportation Research Record</i> , 2011, 2216, 10-18.	1.0	9
98	Transportation-Induced Agglomeration Effects and Productivity of Firms in Megacity Region of Paris Basin. <i>Transportation Research Record</i> , 2012, 2307, 21-30.	1.0	9
99	A causal inference approach to measure the vulnerability of urban metro systems. <i>Transportation</i> , 2021, 48, 3269-3300.	2.1	9
100	Preferences for using the London Underground during the COVID-19 pandemic. <i>Transportation Research, Part A: Policy and Practice</i> , 2022, 160, 45-60.	2.0	9
101	Urban Metro Rail Demand: Evidence from Dynamic Generalized Method of Moments Estimates using Panel Data. <i>Transportation Research Record</i> , 2018, 2672, 288-296.	1.0	8
102	Impacts of Moving-Block Signaling on Technical Efficiency. <i>Transportation Research Record</i> , 2015, 2534, 68-74.	1.0	7
103	Best Practices in Operating High Frequency Metro Services. <i>Transportation Research Record</i> , 2019, 2673, 491-501.	1.0	7
104	Use of Open Data to Assess Cyclist Safety in London. <i>Transportation Research Record</i> , 2019, 2673, 27-35.	1.0	7
105	Quantifying the impacts of air transportation on economic productivity: a quasi-experimental causal analysis. <i>Economics of Transportation</i> , 2020, 24, 100195.	1.1	7
106	Manufacturing Employment Change, Output Demand, and Labor Productivity in the Regions of Britain. <i>International Regional Science Review</i> , 2000, 23, 172-200.	1.0	6
107	Testing for the Distributional Effects of National Road User Charging. <i>International Journal of Sustainable Transportation</i> , 2009, 3, 18-38.	2.1	6
108	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.	3.2	6

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109	Determinants of Train Service Costs in Metro Operations. <i>Transportation Research Record</i> , 2015, 2534, 31-37.	1.0	6
110	Development of a Key Performance Indicator System to Benchmark Relative Paratransit Performance. <i>Transportation Research Record</i> , 2017, 2650, 1-8.	1.0	6
111	Metros, agglomeration and displacement. Evidence from London. <i>Regional Science and Urban Economics</i> , 2021, 90, 103681.	1.4	6
112	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> , 2022, 185, 615-639.	0.6	6
113	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.	1.3	5
114	Fast Bayesian estimation of spatial count data models. <i>Computational Statistics and Data Analysis</i> , 2021, 157, 107152.	0.7	5
115	Evaluating the speed camera sites selection criteria in the UK. <i>Journal of Safety Research</i> , 2021, 76, 90-100.	1.7	4
116	Road traffic casualties in Great Britain at daylight savings time transitions: a causal regression discontinuity design analysis. <i>BMJ Open</i> , 2022, 12, e054678.	0.8	4
117	Pricing our Roads: Vision and Reality. <i>SSRN Electronic Journal</i> , 2005, , .	0.4	3
118	Role of Air Travel Demand Elasticities in Reducing Aviation's Carbon Dioxide Emissions. <i>Transportation Research Record</i> , 2012, 2300, 31-41.	1.0	3
119	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.	2.0	3
120	Causal Inference for Ex Post Evaluation of Transport Interventions. , 2021, , 283-290.		3
121	Metro Station Operating Costs: An Econometric Analysis. <i>Journal of Public Transportation</i> , 2007, 10, 93-107.	0.3	3
122	Passenger shuttle service network design in an airport. <i>Transportmetrica B</i> , 2022, 10, 1099-1125.	1.4	3
123	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.	2.0	2
124	A benchmarking framework for understanding bus performance in the US. <i>Benchmarking</i> , 2020, 27, 1533-1550.	2.9	2
125	Do changes in air transportation affect productivity? A cross-country panel approach. <i>Regional Science Policy and Practice</i> , 2020, 12, 493-505.	0.8	2
126	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.	3.9	2

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127	Attacker-defender modelling of vulnerability in maritime logistics corridors. , 2017, , 297-315.		2
128	Quantifying the effects of passenger-level heterogeneity on transit journey times. Data-Centric Engineering, 2020, 1, .	1.2	2
129	Optimal infrastructure reinvestment in urban rail systems: A dynamic supply optimisation approach. Transportation Research, Part A: Policy and Practice, 2021, 147, 251-268.	2.0	1
130	Model-based adjustment for conditional benchmarking. IMA Journal of Management Mathematics, 0, , .	1.1	1
131	Quantifying responses to changes in the jurisdiction of a congestion charge: A study of the London western extension. PLoS ONE, 2021, 16, e0253881.	1.1	1
132	Metros, Agglomeration and Firm Productivity. Evidence from London. SSRN Electronic Journal, 0, , .	0.4	1
133	Analysing the causal effect of London cycle superhighways on traffic congestion. Annals of Applied Statistics, 2021, 15, .	0.5	1
134	Border delays could cause congestion. Food Science and Technology, 2018, 32, 14-15.	0.3	0
135	Characterizing Journey Time Performance on Urban Metro Systems under Varying Operating Conditions. Transportation Research Record, 2019, 2673, 516-528.	1.0	0
136	National Road Pricing in Great Britain: Is it Fair and Practical?. , 2008, , .		0