

Pavlos Kanaroglou

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,836
citations

361296
20
h-index

360920
35
g-index

39
all docs

39
docs citations

39
times ranked

3341
citing authors

#	ARTICLE	IF	CITATIONS
1	A review and evaluation of intraurban air pollution exposure models. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2005, 15, 185-204.	1.8	868
2	Electric buses: A review of alternative powertrains. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 62, 673-684.	8.2	275
3	A GIS-based Environmental Justice Analysis of Particulate Air Pollution in Hamilton, Canada. <i>Environment and Planning A</i> , 2001, 33, 955-973.	2.1	260
4	Travel behavior within Canada's older population: a cohort analysis. <i>Journal of Transport Geography</i> , 2005, 13, 340-351.	2.3	172
5	Elderly Mobility: Demographic and Spatial Analysis of Trip Making in the Hamilton CMA, Canada. <i>Urban Studies</i> , 2007, 44, 123-146.	2.2	153
6	Identifying and characterizing potential electric vehicle adopters in Canada: A two-stage modelling approach. <i>Transport Policy</i> , 2016, 52, 100-112.	3.4	121
7	How open are Canadian households to electric vehicles? A national latent class choice analysis with willingness-to-pay and metropolitan characterization. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 58, 208-224.	3.2	88
8	The effect of temperature inversions on ground-level nitrogen dioxide (NO ₂) and fine particulate matter (PM _{2.5}) using temperature profiles from the Atmospheric Infrared Sounder (AIRS). <i>Science of the Total Environment</i> , 2009, 407, 5085-5095.	3.9	79
9	Topographic and spatial impacts of temperature inversions on air quality using mobile air pollution surveys. <i>Science of the Total Environment</i> , 2010, 408, 5086-5096.	3.9	79
10	The design of electric vehicle charging network. <i>Transportation Research, Part D: Transport and Environment</i> , 2016, 49, 1-17.	3.2	78
11	Geographic clustering of firms and urban form: a multivariate analysis. <i>Journal of Geographical Systems</i> , 2007, 9, 29-52.	1.9	61
12	Spatial Analysis for Environmental Health Research: Concepts, Methods, and Examples. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2003, 66, 1783-1810.	1.1	54
13	A spatial analysis of the determinants of pneumonia and influenza hospitalizations in Ontario (1992-2001). <i>Social Science and Medicine</i> , 2007, 64, 1636-1650.	1.8	53
14	Smart growth strategies, transportation and urban sprawl: simulated futures for Hamilton, Ontario. <i>Canadian Geographer / Géographie Canadienne</i> , 2008, 52, 291-308.	1.0	53
15	Population Synthesis: Comparing the Major Techniques Using a Small, Complete Population of Firms. <i>Geographical Analysis</i> , 2009, 41, 181-203.	1.9	51
16	What hinders adoption of the electric bus in Canadian transit? Perspectives of transit providers. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 64, 134-149.	3.2	49
17	Mobile monitoring of air pollution in cities: the case of Hamilton, Ontario, Canada. <i>Journal of Environmental Monitoring</i> , 2009, 11, 998.	2.1	48
18	Business establishment mobility behavior in urban areas: a microanalytical model for the City of Hamilton in Ontario, Canada. <i>Journal of Geographical Systems</i> , 2007, 9, 229-252.	1.9	31

#	ARTICLE	IF	CITATIONS
19	Association between Proximity to Major Roads and Sputum Cell Counts. Canadian Respiratory Journal, 2011, 18, 13-18.	0.8	28
20	Spatio-temporal analysis of pneumonia and influenza hospitalizations in Ontario, Canada. Geospatial Health, 2008, 2, 191.	0.3	26
21	Simulation Model for Assessing the Impact of Climate Change on Transportation and the Economy in Canada. Transportation Research Record, 2008, 2067, 84-92.	1.0	19
22	The sensitivity of OMI-derived nitrogen dioxide to boundary layer temperature inversions. Atmospheric Environment, 2009, 43, 3596-3604.	1.9	19
23	Intrametropolitan Location of Business Establishments. Transportation Research Record, 2009, 2133, 33-45.	1.0	18
24	IMPACT: An integrated GIS-based model for simulating the consequences of demographic changes and population ageing on transportation. Computers, Environment and Urban Systems, 2009, 33, 200-210.	3.3	17
25	Transferability and enhancement of a microsimulation model for estimating urban commercial vehicle movements. Journal of Transport Geography, 2012, 24, 358-369.	2.3	17
26	Metropolitan Elderly Out-Migration in Canada, 1971-1976. Research on Aging, 1986, 8, 201-231.	0.9	15
27	Atmospheric remote sensing to detect effects of temperature inversions on sputum cell counts in airway diseases. Environmental Research, 2010, 110, 624-632.	3.7	15
28	METROPOLITAN OUTMIGRATION PATTERN OF CANADIAN LABOUR FORCE ENTRANTS, 1971-1976. Canadian Geographer / Geographie Canadien, 1986, 30, 229-242.	1.0	13
29	Modeling NOx and NO2 emissions from mobile sources: A case study for Hamilton, Ontario, Canada. Transportation Research, Part D: Transport and Environment, 2008, 13, 323-333.	3.2	13
30	Effective mitigation efforts to reduce road dust near industrial sites: Assessment by mobile pollution surveys. Journal of Environmental Management, 2012, 98, 112-118.	3.8	12
31	Qualitative GIS: An Open Framework Using SpatiaLite and Open Source GIS. Transactions in GIS, 2016, 20, 144-159.	1.0	12
32	Rediscovering light rail: assessing the potential impacts of a light rail transit line on transit oriented development and transit ridership. Transportation Letters, 2012, 4, 211-226.	1.8	10
33	An investigation of air pollution in southern Ontario, Canada, with MODIS and MISR Aerosol Data. , 2007, , .		8
34	Simulation Framework for Analysis of Elderly Mobility Policies. Transportation Research Record, 2008, 2078, 62-71.	1.0	7
35	Mathematical characterization of spatiotemporal congested traffic patterns: mixed speed data analysis in the greater Toronto and Hamilton area, Canada. Transportation Planning and Technology, 2016, 39, 318-328.	0.9	6
36	A review and evaluation of intraurban air pollution exposure models. , 0, .		4

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37	Emissions and built form “ an analysis of six Canadian cities. Transportation Letters, 2015, 7, 80-91.	1.8	3
38	Weekday and Seasonal Variations in NO ² in Southern Ontario, Canada using Data from the Ozone Monitoring Instrument (OMI). , 2008, , .		1
39	Human cellular response to temperature inversions detected by the Atmospheric Infrared Sounder (AIRS). , 2010, , .		0