

Becky P Y Loo

List of Publications by Year in descending order

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Version: 2024-02-01

143
papers

3,810
citations

126858

33
h-index

182361

51
g-index

154
all docs

154
docs citations

154
times ranked

2852
citing authors

#	ARTICLE	IF	CITATIONS
1	Rail-based transit-oriented development: Lessons from New York City and Hong Kong. <i>Landscape and Urban Planning</i> , 2010, 97, 202-212.	3.4	245
2	Pedestrian environment and route choice: evidence from New York City and Hong Kong. <i>Journal of Transport Geography</i> , 2013, 28, 124-136.	2.3	161
3	High-speed rail networks, economic integration and regional specialisation in China and Europe. <i>Travel Behaviour & Society</i> , 2015, 2, 1-14.	2.4	153
4	Carbon dioxide emissions from passenger transport in China since 1949: Implications for developing sustainable transport. <i>Energy Policy</i> , 2012, 50, 464-476.	4.2	112
5	Passengers' airport choice within multi-airport regions (MARs): some insights from a stated preference survey at Hong Kong International Airport. <i>Journal of Transport Geography</i> , 2008, 16, 117-125.	2.3	86
6	Validating crash locations for quantitative spatial analysis: A GIS-based approach. <i>Accident Analysis and Prevention</i> , 2006, 38, 879-886.	3.0	85
7	Jobs-housing balance in an era of population decentralization: An analytical framework and a case study. <i>Journal of Transport Geography</i> , 2011, 19, 552-562.	2.3	84
8	An international review of the frequency of single-bicycle crashes (SBCs) and their relation to bicycle modal share. <i>Injury Prevention</i> , 2015, 21, e138-e143.	1.2	77
9	Decoupling transport from economic growth: Extending the debate to include environmental and social externalities. <i>Journal of Transport Geography</i> , 2016, 57, 134-144.	2.3	69
10	Urban resilience from the lens of social media data: Responses to urban flooding in Nanjing, China. <i>Cities</i> , 2020, 106, 102884.	2.7	67
11	Factors associated with home-based e-working and e-shopping in Nanjing, China. <i>Transportation</i> , 2018, 45, 365-384.	2.1	66
12	Transit-oriented development in future cities: towards a two-level sustainable mobility strategy. <i>International Journal of Urban Sciences</i> , 2017, 21, 54-67.	1.3	60
13	Measures of activity-based pedestrian exposure to the risk of vehicle-pedestrian collisions: Space-time path vs. potential path tree methods. <i>Accident Analysis and Prevention</i> , 2015, 75, 320-332.	3.0	55
14	How Is the Neighborhood Environment Related to the Health of Seniors Living in Hong Kong, Singapore, and Tokyo? Some Insights for Promoting Aging in Place. <i>Annals of the American Association of Geographers</i> , 2017, 107, 812-828.	1.5	55
15	Telecommunications reforms in China: towards an analytical framework. <i>Telecommunications Policy</i> , 2004, 28, 697-714.	2.6	53
16	Association between setting quantified road safety targets and road fatality reduction. <i>Accident Analysis and Prevention</i> , 2006, 38, 997-1005.	3.0	51
17	Factors affecting the likelihood of reporting road crashes resulting in medical treatment to the police. <i>Injury Prevention</i> , 2007, 13, 186-189.	1.2	50
18	Developing mobile telecommunications to narrow digital divide in developing countries? Some lessons from China. <i>Telecommunications Policy</i> , 2012, 36, 888-900.	2.6	50

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19	Combined distribution and assignment model for a continuum traffic equilibrium problem with multiple user classes. <i>Transportation Research Part B: Methodological</i> , 2006, 40, 633-650.	2.8	48
20	Changing Urban Form in Hong Kong: What Are the Challenges on Sustainable Transportation?. <i>International Journal of Sustainable Transportation</i> , 2008, 2, 177-193.	2.1	48
21	Bicycle crash casualties in a highly motorized city. <i>Accident Analysis and Prevention</i> , 2010, 42, 1902-1907.	3.0	47
22	Pedestrian exposure measures: A time-space framework. <i>Travel Behaviour & Society</i> , 2014, 1, 22-30.	2.4	46
23	Travel behaviour and mobility needs of older adults in an ageing and car-dependent society. <i>International Journal of Urban Sciences</i> , 2017, 21, 109-128.	1.3	46
24	A qualitative assessment methodology for road safety policy strategies. <i>Accident Analysis and Prevention</i> , 2004, 36, 281-293.	3.0	42
25	Transit-oriented development on greenfield versus infill sites: Some lessons from Hong Kong. <i>Landscape and Urban Planning</i> , 2017, 167, 37-48.	3.4	42
26	Pedestrian Injuries in an Ageing Society: Insights From Hospital Trauma Registry. <i>Journal of Trauma</i> , 2009, 66, 1196-1201.	2.3	39
27	An application of the continuous equilibrium modelling approach in understanding the geography of air passenger flows in a multi-airport region. <i>Applied Geography</i> , 2005, 25, 169-199.	1.7	37
28	The Identification of Hazardous Road Locations: A Comparison of the Blacksite and Hot Zone Methodologies in Hong Kong. <i>International Journal of Sustainable Transportation</i> , 2009, 3, 187-202.	2.1	37
29	The identification of traffic crash hot zones under the link-attribute and event-based approaches in a network-constrained environment. <i>Computers, Environment and Urban Systems</i> , 2013, 41, 249-261.	3.3	37
30	Progress of e-development in China since 1998. <i>Telecommunications Policy</i> , 2017, 41, 731-742.	2.6	37
31	Road Safety Strategies: A Comparative Framework and Case Studies. <i>Transport Reviews</i> , 2005, 25, 613-639.	4.7	36
32	Geographic accessibility around health care facilities for elderly residents in Hong Kong: a microscale walkability assessment. <i>Environment and Planning B: Planning and Design</i> , 2012, 39, 629-646.	1.7	36
33	CO2 emissions associated with hubbing activities in air transport: an international comparison. <i>Journal of Transport Geography</i> , 2014, 34, 185-193.	2.3	36
34	Motorcycle safety among motorcycle taxi drivers and nonoccupational motorcyclists in developing countries: A case study of Maoming, South China. <i>Traffic Injury Prevention</i> , 2016, 17, 170-175.	0.6	35
35	China's 1994 Tax-Sharing Reforms: One System, Differential Impact. <i>Asian Survey</i> , 2006, 46, 215-237.	0.5	34
36	Would relaxing speed limits aggravate safety?. <i>Accident Analysis and Prevention</i> , 2005, 37, 377-388.	3.0	33

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37	Determinants of children's active travel to school: A case study in Hong Kong. <i>Travel Behaviour & Society</i> , 2020, 21, 79-89.	2.4	33
38	Mobility impairment, social engagement, and life satisfaction among the older population in China: a structural equation modeling analysis. <i>Quality of Life Research</i> , 2017, 26, 1273-1282.	1.5	32
39	Association of children's mobility and wellbeing: A case study in Hong Kong. <i>Travel Behaviour & Society</i> , 2017, 9, 95-104.	2.4	32
40	Developing Metro Systems in the People's Republic of China: Policy and Gaps. <i>Transportation</i> , 2006, 33, 115-132.	2.1	31
41	Traffic collisions in space: four decades of advancement in applied GIS. <i>Annals of GIS</i> , 2016, 22, 1-14.	1.4	31
42	Walking, neighbourhood environment and quality of life among older people. <i>Current Opinion in Environmental Sustainability</i> , 2017, 25, 8-13.	3.1	31
43	Travel time use and its impact on high-speed-railway passengers' travel satisfaction in the e-society. <i>International Journal of Sustainable Transportation</i> , 2019, 13, 197-209.	2.1	31
44	Sustainable Urban Transportation: Concepts, Policies, and Methodologies. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2006, 132, 76-79.	0.8	29
45	Spatial Restructuring to Facilitate Shorter Commuting. <i>Urban Studies</i> , 2011, 48, 1681-1694.	2.2	29
46	Development of a regional transport infrastructure: some lessons from the Zhujiang Delta, Guangdong, China. <i>Journal of Transport Geography</i> , 1999, 7, 43-63.	2.3	28
47	Interplay of international, national and local factors in shaping container port development: A case study of Hong Kong. <i>Transport Reviews</i> , 2002, 22, 219-245.	4.7	28
48	Active transport in Africa and beyond: towards a strategic framework. <i>Transport Reviews</i> , 2019, 39, 181-203.	4.7	28
49	Towards people-centered integrated transport: A case study of Shanghai Hongqiao Comprehensive Transport Hub. <i>Cities</i> , 2016, 58, 50-58.	2.7	27
50	"Mapping" Smart Cities. <i>Journal of Urban Technology</i> , 2019, 26, 129-146.	2.5	27
51	Tunnel Traffic and Toll Elasticities in Hong Kong: Some Recent Evidence for International Comparisons. <i>Environment and Planning A</i> , 2003, 35, 249-276.	2.1	26
52	Hubs of Internet Entrepreneurs: The Emergence of Co-working Offices in Shanghai, China. <i>Journal of Urban Technology</i> , 2017, 24, 67-84.	2.5	26
53	"Mind the (Policy-Implementation) Gap": Transport decarbonisation policies and performances of leading global economies (1990-2018). <i>Global Environmental Change</i> , 2021, 68, 102250.	3.6	26
54	Walking towards a happy city. <i>Journal of Transport Geography</i> , 2021, 93, 103078.	2.3	25

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55	Spatio-temporal variations of traffic congestion under work from home (WFH) arrangements: Lessons learned from COVID-19. <i>Cities</i> , 2022, 124, 103610.	2.7	25
56	Identification of superspreading environment under COVID-19 through human mobility data. <i>Scientific Reports</i> , 2021, 11, 4699.	1.6	24
57	Role of Stated Preference Methods in Planning for Sustainable Urban Transportation: State of Practice and Future Prospects. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2002, 128, 210-224.	0.8	23
58	The role of paratransit: some reflections based on the experience of residentsâ€™ coach services in Hong Kong. <i>Transportation</i> , 2007, 34, 471-486.	2.1	23
59	A multilevel investigation of differential individual mobility of working couples with children: a case study of Hong Kong. <i>Transportmetrica A: Transport Science</i> , 2013, 9, 629-652.	1.3	23
60	Alternative and Transitional Energy Sources for Urban Transportation. <i>Current Sustainable/Renewable Energy Reports</i> , 2014, 1, 19-26.	1.2	23
61	The Textile and Clothing Industries Under the Fifth Kondratieff Wave: Some Insights from the Case of Hong Kong. <i>World Development</i> , 2002, 30, 847-872.	2.6	22
62	Cordon-based congestion pricing in a continuum traffic equilibrium system. <i>Transportation Research, Part A: Policy and Practice</i> , 2005, 39, 813-834.	2.0	22
63	Towards exposure-based time-space pedestrian crash analysis in facing the challenges of ageing societies in Asia. <i>Asian Geographer</i> , 2013, 30, 105-125.	0.4	22
64	Safety in numbers for cyclists beyond national-level and city-level data: a study on the non-linearity of risk within the city of Hong Kong. <i>Injury Prevention</i> , 2016, 22, 379-385.	1.2	22
65	Impact analysis of airport infrastructure within a sustainability framework: Case studies on Hong Kong International Airport. <i>International Journal of Sustainable Transportation</i> , 2016, 10, 781-793.	2.1	22
66	The sustainable transport pathway: A holistic strategy of Five Transformations. <i>Journal of Transport and Land Use</i> , 2018, 11, .	0.7	22
67	Alternative-substitute business models and the provision of local infrastructure: Alterity as a solution to financialization and public-sector failure. <i>Geoforum</i> , 2018, 95, 25-34.	1.4	21
68	Does neighbourhood count in affecting children's journeys to schools?. <i>Children's Geographies</i> , 2015, 13, 89-113.	1.6	20
69	Transport resilience: The Occupy Central Movement in Hong Kong from another perspective. <i>Transportation Research, Part A: Policy and Practice</i> , 2017, 106, 100-115.	2.0	20
70	Global association between satellite-derived nitrogen dioxide (NO ₂) and lockdown policies under the COVID-19 pandemic. <i>Science of the Total Environment</i> , 2021, 761, 144148.	3.9	20
71	Are there useful yardsticks of population size and income level for building metro systems? Some worldwide evidence. <i>Cities</i> , 2010, 27, 299-306.	2.7	19
72	Spatial point analysis of road crashes in Shanghai: A GIS-based network kernel density method. , 2011, , .		19

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73	Land use and traffic collisions: A link-attribute analysis using Empirical Bayes method. <i>Accident Analysis and Prevention</i> , 2016, 95, 236-249.	3.0	19
74	RAILWAY DEVELOPMENT AND AIR PATRONAGE IN CHINA, 1993â€“2012: IMPLICATIONS FOR LOWâ€CARBON TRANSPORT. <i>Journal of Regional Science</i> , 2017, 57, 507-522.	2.1	19
75	Neighbourhood environment and depressive symptoms among the elderly in Hong Kong and Singapore. <i>International Journal of Health Geographics</i> , 2020, 19, 48.	1.2	19
76	Taxi License Premiums in Hong Kong: Can Their Fluctuations be Explained by Taxi as a Mode of Public Transport?. <i>International Journal of Sustainable Transportation</i> , 2007, 1, 249-266.	2.1	18
77	The hierarchy of cities in Internet news media and Internet search: Some insights from China. <i>Cities</i> , 2019, 84, 121-133.	2.7	18
78	The Rise of a Digital Community in the People's Republic of China. <i>Journal of Urban Technology</i> , 2003, 10, 1-21.	2.5	17
79	Exploring the Impacts of Safety Culture on Immigrantsâ€™ Vulnerability in Non-motorized Crashes: A Cross-sectional Study. <i>Journal of Urban Health</i> , 2012, 89, 138-152.	1.8	17
80	Aging in Place: From the Neighborhood Environment, Sense of Community, to Life Satisfaction. <i>Annals of the American Association of Geographers</i> , 2022, 112, 1484-1499.	1.5	17
81	Risking multi-billion decisions on underground railways: Land value capture, differential rent and financialization in London and Hong Kong. <i>Tunnelling and Underground Space Technology</i> , 2018, 81, 403-412.	3.0	16
82	Introducing alternative fuel vehicles in Hong Kong: views from the public light bus industry. <i>Transportation</i> , 2006, 33, 605-619.	2.1	15
83	Performance Evaluations of the Spiral-Marking Roundabouts in Hong Kong. <i>Journal of Transportation Engineering</i> , 2012, 138, 1377-1387.	0.9	15
84	The effects of a traffic guidance scheme for auto-toll lanes on traffic safety at toll plazas. <i>Safety Science</i> , 2006, 44, 753-770.	2.6	14
85	Applying a World-City Network Approach to Globalizing Higher Education: Conceptualization, Data Collection and the Lists of World Cities. <i>Higher Education Policy</i> , 2015, 28, 107-126.	1.3	14
86	How would people respond to a new railway extension? The value of questionnaire surveys. <i>Habitat International</i> , 2009, 33, 1-9.	2.3	13
87	An environment-people interactions framework for analysing children's extra-curricular activities and active transport. <i>Journal of Transport Geography</i> , 2019, 74, 341-358.	2.3	13
88	Delineating traffic congestion zones in cities: An effective approach based on GIS. <i>Journal of Transport Geography</i> , 2021, 94, 103108.	2.3	13
89	A review of the road safety strategy in hong kong. <i>Journal of Advanced Transportation</i> , 2007, 41, 3-37.	0.9	12
90	Multidisciplinary efforts toward sustained road safety benefits: Integrating place-based and people-based safety analyses. <i>Injury Prevention</i> , 2013, 19, 58-63.	1.2	12

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91	Step-free railway station access in the UK: the value of inclusive design. <i>European Transport Research Review</i> , 2021, 13, .	2.3	12
92	The Rural-Urban Divide in Road Safety: The Case of China. <i>Open Transportation Journal</i> , 2011, 5, 9-20.	0.4	12
93	An Application of Canonical Correlation Analysis in Regional Science: The Interrelationships Between Transport and Development in China's Zhujiang Delta. <i>Journal of Regional Science</i> , 2000, 40, 143-171.	2.1	11
94	Identification of Hazardous Road Locations for Pedestrians. <i>Procedia Engineering</i> , 2012, 45, 815-823.	1.2	11
95	Pioneers of electric mobility: Lessons about transport decarbonisation from two bay areas. <i>Journal of Cleaner Production</i> , 2022, 330, 129866.	4.6	11
96	Sequential optimization approach for the multi-class user equilibrium problem in a continuous transportation system. <i>Journal of Advanced Transportation</i> , 2004, 38, 323-345.	0.9	9
97	Contributory Factors to critically wrong road-crossing judgements among older people: an integrated research study. <i>Hong Kong Journal of Emergency Medicine</i> , 2016, 23, 13-24.	0.4	9
98	The role of distance in online social networks: A case study of urban residents in Nanjing, China. <i>Cities</i> , 2018, 79, 37-44.	2.7	9
99	The potential impacts of strategic highways on new town development: a case study of Route 3 in Hong Kong. <i>Transportation Research, Part A: Policy and Practice</i> , 2002, 36, 41-63.	2.0	8
100	A Geographical Analysis of Potential Railway Load Centers in China*. <i>Professional Geographer</i> , 2005, 57, 558-579.	1.0	8
101	Sensitivity analysis for a continuum traffic equilibrium problem. <i>Annals of Regional Science</i> , 2006, 40, 493-514.	1.0	8
102	On the Use of Probit-Based Models for Ranking Data Analysis. <i>Transportation Research Record</i> , 2019, 2673, 229-240.	1.0	8
103	TEMPORAL AND SPATIAL PATTERNS OF VEHICLE-PEDESTRIAN CRASHES IN BUSY COMMERCIAL AND SHOPPING AREAS: A CASE STUDY OF HONG KONG. <i>Asian Geographer</i> , 2005, 24, 113-128.	0.4	7
104	AN ESTIMATION OF EFFICIENT TIME-VARYING TOLLS FOR CROSS HARBOR TUNNELS IN HONG KONG. <i>Singapore Economic Review</i> , 2011, 56, 467-488.	0.9	7
105	Realising car-free developments within compact cities. <i>Proceedings of the Institution of Civil Engineers: Municipal Engineer</i> , 2018, 171, 41-50.	0.4	7
106	Incorporating personal experience in free-choice environmental learning: lessons from a zoological theme park. <i>Environmental Education Research</i> , 2019, 25, 1250-1266.	1.6	7
107	Public Transport Waiting Time Estimation Using Semi-Supervised Graph Convolutional Networks. , 2019, , .		7
108	Recent experiences and divergent pathways to transport decoupling. <i>Journal of Transport Geography</i> , 2020, 88, 102826.	2.3	7

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109	Applying the Hidden Markov Model to Analyze Urban Mobility Patterns: An Interdisciplinary Approach. Chinese Geographical Science, 2021, 31, 1-13.	1.2	7
110	Cutting the loss: International benchmarking of a sustainable ferry business model. Transportation Research, Part A: Policy and Practice, 2021, 145, 167-188.	2.0	7
111	Becoming Smarter through Smart City Pilot Projects: Experiences and Lessons from China since 2013. Journal of Urban Technology, 2022, 29, 3-24.	2.5	7
112	Street life and pedestrian activities in smart cities: opportunities and challenges for computational urban science. Computational Urban Science, 2021, 1, 26.	1.9	7
113	Export Expansion in the People's Republic of China since 1978: A Case Study of the Pearl River Delta. China Quarterly, 2004, 177, 133-154.	0.5	6
114	How short-term cycling training promotes cycling among schoolchildren in high-density cities. International Journal of Sustainable Transportation, 2020, 14, 872-885.	2.1	6
115	Screening Approach for Short-Term PM2.5 Health Co-Benefits: A Case Study from 15 Metropolitan Cities around the World during the COVID-19 Pandemic. Atmosphere, 2022, 13, 18.	1.0	6
116	Cross-boundary container truck congestion: the case of the Hong Kong-Pearl River Delta region. Transportation, 2010, 37, 257-274.	2.1	5
117	Changes in novice motorcyclist safety in Hong Kong after the probationary driving license scheme. Transportmetrica A: Transport Science, 2017, 13, 435-448.	1.3	5
118	Sustainable Railway Futures. , 0, , .		5
119	Strategies of Internet Development in the Asia-Pacific Region. Journal of Urban Technology, 2007, 14, 3-22.	2.5	4
120	To cross or not to cross: A closer look at children's decision-making on the road. Transportation Research, Part A: Policy and Practice, 2021, 149, 1-11.	2.0	4
121	Geographical Information Systems. , 2012, , 447-463.		4
122	A metropolitan-scale, three-dimensional agent-based model to assess the effectiveness of the COVID-19 Omicron wave interventions in a hyperdense city: a case study of Hong Kong. International Journal of Infectious Diseases, 2022, 122, 534-536.	1.5	4
123	A re-examination of Lardy's Donnan debate in the provincial context of Guangdong, 1949-1992. Journal of Contemporary China, 1998, 7, 61-87.	1.5	3
124	Choice or Rank Data in Stated Preference Surveys?. Open Transportation Journal, 2008, 2, 74-79.	0.4	3
125	Bus Bunching from a Stop-based Perspective: Insights from Visual Analytics. Proceedings of the Institution of Civil Engineers: Municipal Engineer, 0, , 1-27.	0.4	3
126	Situating High-Speed Railway Stations within Local Urban Contexts: Passenger Satisfaction with Intermodal Integration at the Hong Kong HSR Station. Built Environment, 2020, 46, 362-378.	0.4	3

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127	Urban traffic congestion in twelve large metropolitan cities: A thematic analysis of local news contents, 2009â€”2018. <i>International Journal of Sustainable Transportation</i> , 2023, 17, 592-614.	2.1	3
128	POST-REFORM DEVELOPMENT IN THE ZHUJIANG DELTA: GROWING EQUALITY OR POLARIZATION?. <i>Asian Geographer</i> , 1997, 16, 115-145.	0.4	2
129	Transport geography: Towards a more people-oriented approach in the last 25â€”years. <i>Journal of Transport Geography</i> , 2019, 81, 102596.	2.3	2
130	Do neighbourhood characteristics matter in understanding school childrenâ€™s active lifestyles? A cross-region multi-city comparison of Glasgow, Edinburgh and Hong Kong. <i>Children's Geographies</i> , 2021, 19, 488-504.	1.6	2
131	A Combined Approach to Address Road Traffic Crashes beyond Cities: Hot Zone Identification and Countermeasures in Indonesia. <i>Sustainability</i> , 2020, 12, 1801.	1.6	2
132	Transport Demand Management. , 2021, , 537-543.		2
133	Rhythm of Transit Stations - Uncovering the Activity-Travel Dynamics of Transit-Oriented Development in the U.S.. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 12503-12517.	4.7	2
134	THE RELEVANCE OF TRANSPORT-DEVELOPMENT STRATEGIES IN UNDERSTANDING TRAVEL BEHAVIOUR AND TRANSPORT SUSTAINABILITY IN HONG KONG. <i>Asian Geographer</i> , 2009, 26, 67-82.	0.4	1
135	An overview of transport geography in China. <i>Journal of Transport Geography</i> , 2009, 17, 419-420.	2.3	1
136	Transport, Urban. , 2020, , 457-462.		1
137	Using the Continuum Equilibrium Approach to Solve Airport Competition Problems. , 2010, , 88-108.		0
138	Overview of unsustainable transport challenges by city cluster. , 2018, , 125-138.		0
139	Initial strategies for sustainable transport. , 2018, , 139-163.		0
140	Incorporating the local context and modified sustainable transport strategies. , 2018, , 164-194.		0
141	Cities and the formation of city clusters. , 2018, , 108-124.		0
142	Benchmarking at the international level. , 2018, , 39-88.		0
143	Looking into the future and the dynamics within the nation. , 2018, , 89-107.		0