

# Yusak Octavius Susilo

## 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.

115  
papers

2,874  
citations

28  
h-index

48  
g-index

125  
ext. papers

3,519  
ext. citations

3.9  
avg, IF

6.04  
L-index

#	Paper	IF	Citations
115	The promises of big data and small data for travel behavior (aka human mobility) analysis. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2016</b> , 68, 285-299	8.4	264
114	The effect of policy incentives on electric vehicle adoption. <i>Energy Policy</i> , <b>2016</b> , 94, 94-103	7.2	218
113	Total cost of ownership and its potential implications for battery electric vehicle diffusion. <i>Research in Transportation Business and Management</i> , <b>2016</b> , 18, 11-17	2.8	134
112	The influence of built environment to the trends in commuting journeys in the Netherlands. <i>Transportation</i> , <b>2007</b> , 34, 589-609	4	97
111	Travel satisfaction with public transport: Determinants, user classes, regional disparities and their evolution. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2017</b> , 95, 64-84	3.7	76
110	Pedestrians' behaviour in cross walks: the effects of fear of falling and age. <i>Accident Analysis and Prevention</i> , <b>2012</b> , 44, 30-4	6.1	71
109	The influence of weather characteristics variability on individual's travel mode choice in different seasons and regions in Sweden. <i>Transport Policy</i> , <b>2015</b> , 41, 147-158	5.7	69
108	The influence of individuals' environmental attitudes and urban design features on their travel patterns in sustainable neighborhoods in the UK. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2012</b> , 17, 190-200	6.4	58
107	Comparing Rail Passengers' Travel Time Use in Great Britain Between 2004 and 2010. <i>Mobilities</i> , <b>2013</b> , 8, 560-579	1.5	56
106	Analysis of Day-to-Day Variability in an Individual's Action Space: Exploration of 6-Week Mobidrive Travel Diary Data. <i>Transportation Research Record</i> , <b>2005</b> , 1902, 124-133	1.7	56
105	Exploring key determinants of travel satisfaction for multi-modal trips by different traveler groups. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2014</b> , 67, 366-380	3.7	52
104	Repetitions in individual daily activity/travel/location patterns: a study using the Herfindahl-Hirschman Index. <i>Transportation</i> , <b>2014</b> , 41, 995-1011	4	50
103	Comparison of Vehicle-Ownership Models. <i>Transportation Research Record</i> , <b>2008</b> , 2076, 97-105	1.7	50
102	The prospects of fare-free public transport: evidence from Tallinn. <i>Transportation</i> , <b>2017</b> , 44, 1083-1104	4	47
101	Transportation mode detection – An in-depth review of applicability and reliability. <i>Transport Reviews</i> , <b>2017</b> , 37, 442-464	9.9	44
100	Analysis of Day-to-Day Variability in an Individual's Action Space: Exploration of 6-Week Mobidrive Travel Diary Data		43
99	Rail Passengers' Time Use and Utility Assessment: 2010 Findings from Great Britain with Multivariate Analysis. <i>Transportation Research Record</i> , <b>2012</b> , 2323, 99-109	1.7	40

98	Reasons underlying behaviour of motorcyclists disregarding traffic regulations in urban areas of Indonesia. <i>Accident Analysis and Prevention</i> , <b>2015</b> , 75, 272-84	6.1	38
97	How Far is Too Far?: Travel Time Ratios for Activity Participation in the Netherlands. <i>Transportation Research Record</i> , <b>2009</b> , 2134, 89-98	1.7	36
96	Electric vehicle users and their travel patterns in Greater Stockholm. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2017</b> , 52, 98-111	6.4	35
95	Assessing the impacts of collection-delivery points to individual's activity-travel patterns: A greener last mile alternative?. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , <b>2019</b> , 121, 84-99	9	35
94	A REFLECTION OF MOTORIZATION AND PUBLIC TRANSPORT IN JAKARTA METROPOLITAN AREA. <i>IATSS Research</i> , <b>2007</b> , 31, 59-68	4.2	33
93	How routine is a routine? An analysis of the day-to-day variability in prism vertex location. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2006</b> , 40, 259-279	3.7	33
92	Examining the impact of weather variability on non-commuters' daily activity-travel patterns in different regions of Sweden. <i>Journal of Transport Geography</i> , <b>2014</b> , 39, 36-48	5.2	32
91	A long term analysis of the mechanisms underlying children's activity-travel engagements in the Osaka metropolitan area. <i>Journal of Transport Geography</i> , <b>2012</b> , 20, 41-50	5.2	31
90	IS TRAVEL DEMAND INSATIABLE? A STUDY OF CHANGES IN STRUCTURAL RELATIONSHIPS UNDERLYING TRAVEL. <i>Transportmetrica</i> , <b>2005</b> , 1, 23-45		30
89	Day-to-day variability in travellers' activity-travel patterns in the Jakarta metropolitan area. <i>Transportation</i> , <b>2016</b> , 43, 601-621	4	28
88	When do you charge your electric vehicle? A stated adaptation approach. <i>Energy Policy</i> , <b>2017</b> , 108, 565-573		28
87	Behavioural decisions of travel-time ratios for work, maintenance and leisure activities in the Netherlands. <i>Transportation Planning and Technology</i> , <b>2010</b> , 33, 19-34	1.6	28
86	Weather variability and travel behaviour – what we know and what we do not know. <i>Transport Reviews</i> , <b>2017</b> , 37, 715-741	9.9	27
85	Public attitudes towards motorcyclists' safety: a qualitative study from the United Kingdom. <i>Accident Analysis and Prevention</i> , <b>2012</b> , 49, 105-13	6.1	27
84	Walking to school in Scotland: Do perceptions of neighbourhood quality matter?. <i>IATSS Research</i> , <b>2015</b> , 38, 125-129	4.2	26
83	Individual Carbon Dioxide Emissions and Potential for Reduction in the Netherlands and the United Kingdom. <i>Transportation Research Record</i> , <b>2009</b> , 2139, 142-152	1.7	26
82	Investigating the impacts of weather variability on individual's daily activity-travel patterns: A comparison between commuters and non-commuters in Sweden. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2015</b> , 82, 47-64	3.7	25
81	Segmentation of paratransit users based on service quality and travel behaviour in Bandung, Indonesia. <i>Transportation Planning and Technology</i> , <b>2014</b> , 37, 200-218	1.6	25

80	Recurrence of Daily Travel Patterns: Stochastic Process Approach to Multiday Travel Behavior. <i>Transportation Research Record</i> , <b>2007</b> , 2021, 55-63	1.7	24
79	Road-based public transportation in urban areas of Indonesia: What policies do users expect to improve the service quality?. <i>Transport Policy</i> , <b>2016</b> , 49, 114-124	5.7	24
78	Individual, Travel, and Bus Stop Characteristics Influencing Travelers' Safety Perceptions. <i>Transportation Research Record</i> , <b>2018</b> , 2672, 19-28	1.7	24
77	Relationships among discretionary activity duration, its travel time spent and activity space indices in the Jakarta Metropolitan Area, Indonesia. <i>Journal of Transport Geography</i> , <b>2016</b> , 54, 148-160	5.2	23
76	Evolution of Satisfaction with Public Transport and Its Determinants in Sweden: Identifying Priority Areas. <i>Transportation Research Record</i> , <b>2015</b> , 2538, 86-95	1.7	23
75	The grey escape: investigating older people's use of the free bus pass. <i>Transportation Planning and Technology</i> , <b>2012</b> , 35, 3-15	1.6	23
74	The influence of parents' travel patterns, perceptions and residential self-selectivity to their children travel mode shares. <i>Transportation</i> , <b>2016</b> , 43, 357-378	4	22
73	Public Transport Pricing Policy: Empirical Evidence from a Fare-Free Scheme in Tallinn, Estonia. <i>Transportation Research Record</i> , <b>2014</b> , 2415, 89-96	1.7	22
72	Measuring the impacts of weather variability on home-based trip chaining behaviour: a focus on spatial heterogeneity. <i>Transportation</i> , <b>2016</b> , 43, 843-867	4	21
71	Smartphone based travel diary collection: experiences from a field trial in Stockholm. <i>Transportation Research Procedia</i> , <b>2017</b> , 26, 32-38	2.4	21
70	Day-to-Day Interpersonal and Intrapersonal Variability of Individuals' Activity Spaces in a Developing Country. <i>Environment and Planning B: Planning and Design</i> , <b>2014</b> , 41, 1063-1076		21
69	Transportation carbon dioxide emissions by built environment and family lifecycle: Case study of the Osaka metropolitan area. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2014</b> , 31, 176-188	6.4	21
68	MEILI: A travel diary collection, annotation and automation system. <i>Computers, Environment and Urban Systems</i> , <b>2018</b> , 70, 24-34	5.9	20
67	On complexity and variability of individuals' discretionary activities. <i>Transportation</i> , <b>2018</b> , 45, 177-204	4	20
66	Structural changes in commuters' daily travel: The case of auto and transit commuters in the Osaka metropolitan area of Japan, 1980-2000. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2008</b> , 42, 95-115	3.7	19
65	The changes of activity-travel participation across gender, life-cycle, and generations in Sweden over 30 years. <i>Transportation</i> , <b>2019</b> , 46, 793-818	4	19
64	Electric vehicle rental and electric vehicle adoption. <i>Research in Transportation Economics</i> , <b>2019</b> , 73, 72-82	4	18
63	The impacts of household structure on the individual stochastic travel and out-of-home activity time budgets. <i>Journal of Advanced Transportation</i> , <b>2014</b> , 48, 454-470	1.9	18

62	The trade-off behaviours between virtual and physical activities during the first wave of the COVID-19 pandemic period. <i>European Transport Research Review</i> , <b>2021</b> , 13,	3.7	18
61	Measures of transport mode segmentation of trajectories. <i>International Journal of Geographical Information Science</i> , <b>2016</b> , 30, 1763-1784	4.1	17
60	Mobility Collector. <i>Journal of Location Based Services</i> , <b>2014</b> , 8, 229-255	1.9	17
59	How does travel satisfaction sum up? An exploratory analysis in decomposing the door-to-door experience for multimodal trips. <i>Transportation</i> , <b>2019</b> , 46, 1615-1642	4	17
58	Comparison of pedestrian trip generation models. <i>Journal of Advanced Transportation</i> , <b>2013</b> , 47, 399-412.	1.9	16
57	Analysing the complexity of day-to-day individual activity-travel patterns using a multidimensional sequence alignment model: A case study in the Bandung Metropolitan Area, Indonesia. <i>Journal of Transport Geography</i> , <b>2017</b> , 64, 1-12	5.2	16
56	How would you change your travel patterns if you used an electric vehicle? A stated adaptation approach. <i>Travel Behaviour &amp; Society</i> , <b>2018</b> , 13, 144-154	5.3	15
55	Rickshaw Use and Social Impacts in Dhaka, Bangladesh. <i>Transportation Research Record</i> , <b>2011</b> , 2239, 74-83	3.7	15
54	Estimating changes in transport CO 2 emissions due to changes in weather and climate in Sweden. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2016</b> , 49, 172-187	6.4	14
53	Legitimising risk taking: articulating dangerous behaviour on the road. <i>Transportation Planning and Technology</i> , <b>2014</b> , 37, 62-82	1.6	13
52	Determinants of intention-to-use first-/last-mile automated bus service. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2020</b> , 139, 350-375	3.7	12
51	Observing dynamic behavioural responses due to the extension of a tram line by using panel survey. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2016</b> , 86, 78-95	3.7	11
50	An exploration of shoppers travel mode choice in visiting convenience stores in the UK. <i>Transportation Planning and Technology</i> , <b>2013</b> , 36, 669-684	1.6	11
49	Influence of Individual Perceptions on the Decision to Adopt Automated Bus Services. <i>Sustainability</i> , <b>2020</b> , 12, 6484	3.6	11
48	Collecting travel diaries: Current state of the art, best practices, and future research directions. <i>Transportation Research Procedia</i> , <b>2018</b> , 32, 155-166	2.4	11
47	Determinants of traveler satisfaction: Evidence for non-linear and asymmetric effects. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2019</b> , 66, 339-356	4.5	10
46	Investigating intra-household interactions between individuals' time and space constraints. <i>Journal of Transport Geography</i> , <b>2018</b> , 73, 108-119	5.2	10
45	Behavioural Causes and Categories of Traffic Violations by Motorcyclists in Indonesian Urban Roads. <i>Journal of Transportation Safety and Security</i> , <b>2015</b> , 7, 174-197	1.7	9

44	Deploying traditional and smartphone app survey methods in measuring door-to-door travel satisfaction in eight European cities. <i>Transportation Research Procedia</i> , <b>2017</b> , 25, 2257-2275	2.4	9
43	Implementing a Behavioural Pilot Survey for the Stage-based Study of the whole Journey Traveller Experience. <i>Transportation Research Procedia</i> , <b>2015</b> , 11, 172-184	2.4	9
42	Collecting a multi-dimensional three-weeks household time-use and activity diary in the Bandung Metropolitan Area, Indonesia. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2015</b> , 80, 231-246	3.7	9
41	Time use and spatial influence on transport-related social exclusion, and mental and social health. <i>Travel Behaviour &amp; Society</i> , <b>2020</b> , 21, 24-36	5.3	8
40	The effect of residential housing policy on car ownership and trip chaining behaviour in Hangzhou, China. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2018</b> , 62, 125-138	6.4	8
39	Detangling the impacts of age, residential locations and household lifecycle in car usage and ownership in the Osaka metropolitan area, Japan. <i>Journal of Zhejiang University: Science A</i> , <b>2014</b> , 15, 517-528	2.1	8
38	Which factors affect willingness-to-pay for automated vehicle services? Evidence from public road deployment in Stockholm, Sweden. <i>European Transport Research Review</i> , <b>2020</b> , 12,	3.7	7
37	The Implication of Road Toll Discount for Mode Choice: Intercity Travel during the Chinese Spring Festival Holiday. <i>Sustainability</i> , <b>2018</b> , 10, 2700	3.6	7
36	Jointly modelling individual's daily activity-travel time use and mode share by a nested multivariate Tobit model system. <i>Transportmetrica A: Transport Science</i> , <b>2017</b> , 13, 491-518	2.5	6
35	Traffic violations by young motorcyclists on Indonesian urban roads. <i>Journal of Transportation Safety and Security</i> , <b>2017</b> , 9, 236-261	1.7	6
34	Examining the relationships between individual's time use and activity participations with their health indicators. <i>European Transport Research Review</i> , <b>2017</b> , 9,	3.7	5
33	Comparative framework for activity-travel diary collection systems <b>2015</b> ,		5
32	Longitudinal interactions between experienced users's service valuations and willingness-to-use a first-/last-mile automated bus service. <i>Travel Behaviour &amp; Society</i> , <b>2021</b> , 22, 252-261	5.3	5
31	Fair accessibility [Operationalizing the distributional effects of policy interventions. <i>Journal of Transport Geography</i> , <b>2020</b> , 89, 102890	5.2	4
30	Jointly Modelling Individual's Daily Activity-travel Time Use and Mode Share by a Nested Multivariate Tobit Model System. <i>Transportation Research Procedia</i> , <b>2015</b> , 9, 71-89	2.4	4
29	Does a Grande Latte Really Stir up Gridlock?: Stops in Commute Journeys and Incremental Travel. <i>Transportation Research Record</i> , <b>2006</b> , 1985, 198-206	1.7	4
28	Does a Grande Latte Really Stir up Gridlock?: Stops in Commute Journeys and Incremental Travel		4
27	Investigating the interactions between travellers' familiar areas and their multi-day activity locations. <i>Journal of Transport Geography</i> , <b>2016</b> , 53, 61-73	5.2	4

26	Is flat fare fair? Equity impact of fare scheme change. <i>Transport Policy</i> , <b>2020</b> , 91, 48-58	5.7	4
25	What is the role of weather, built-environment and accessibility geographical characteristics in influencing travelers' experience?. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2019</b> , 122, 34-50	3.7	3
24	Understanding seasonal variation in individual's activity participation and trip generation by using four consecutive two-week travel diary. <i>Travel Behaviour &amp; Society</i> , <b>2018</b> , 12, 52-63	5.3	3
23	When and why do people choose automated buses over conventional buses? Results of a context-dependent stated choice experiment. <i>Sustainable Cities and Society</i> , <b>2021</b> , 69, 102842	10.1	3
22	What construct one's familiar area? A quantitative and longitudinal study. <i>Environment and Planning B: Urban Analytics and City Science</i> , <b>2019</b> , 46, 322-340	2	3
21	Do accessibility, vulnerability, opportunity, and travel characteristics have uniform impacts on the traveler's experience?. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2018</b> , 114, 38-51	3.7	2
20	Examining the effects of out-of-home and in-home constraints on leisure activity participation in different seasons of the year. <i>Transportation</i> , <b>2016</b> , 43, 997-1021	4	2
19	Transport Workers' Perspective on Indigenous Transport and Climate Change Adaptation. <i>Transportation Research Record</i> , <b>2014</b> , 2451, 1-9	1.7	2
18	Measuring Mobility and Transport Services: The METPEX Project. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 1036-1045	0.4	2
17	Measuring System-Level Impacts of Corporate Mobility as a Service (CMaaS) Based on Empirical Evidence. <i>Sustainability</i> , <b>2020</b> , 12, 7051	3.6	2
16	Measuring Door-to-Door Journey Travel Satisfaction with a Mobile Phone App. <i>Applying Quality of Life Research</i> , <b>2018</b> , 119-138	0.5	1
15	Measuring quality across the whole journey <b>2014</b> , 316-323		1
14	User experiences and perceptions of women-only transport services in Mexico <b>2019</b> , 188-209		1
13	The Movingo integrated ticket: seamless connections across the mrdalen region of Sweden. <i>Transportation Planning and Technology</i> , <b>2020</b> , 43, 404-423	1.6	1
12	A stated adaptation instrument for studying travel patterns after electric vehicle adoption. <i>Transportation Research Procedia</i> , <b>2018</b> , 32, 464-473	2.4	1
11	Residential Locations and Health Effects on Multitasking Behaviours and Day Experiences. <i>Sustainability</i> , <b>2021</b> , 13, 11347	3.6	0
10	Weather perception and its impact on out-of-home leisure activity participation decisions. <i>Transportmetrica B</i> , <b>2020</b> , 8, 219-236	1.8	0
9	Word of mouth and behavioural intentions of the automated bus service. <i>Cities</i> , <b>2022</b> , 126, 103668	5.6	0

8	The Influence of Parent's Perceptions and Residential Self-Selection to the Children's Travel Modes at Single Parent Households. <i>Transport and Sustainability</i> , <b>2015</b> , 43-64	0.1
7	The dynamic and long-term changes of automated bus service adoption. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2022</b> , 155, 450-463	3.7
6	Towards a better understanding of the health impacts of one's movement in space and time. <i>Journal of Location Based Services</i> , 1-24	1.9
5	Who has more say on your daily time use? A quantitative intra-household time-use altruism analysis <b>2020</b> , 455-477	
4	Women and Transport Modes <b>2021</b> , 656-664	
3	Built Environment Characteristics, Daily Travel, and Biometric Readings: Creation of an Experimental Tool Based on a Smartwatch Platform. <i>Sustainability</i> , <b>2021</b> , 13, 9993	3.6
2	Trip Chaining Analysis <b>2021</b> , 606-611	
1	Seamless public transport ticket inspection: Exploring users' reaction to next-generation ticket inspection. <i>Journal of Public Transportation</i> , <b>2022</b> , 24, 100004	26.8