

Susan L Handy

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

16,360
citations

29994

54
h-index

17055

122
g-index

140
all docs

140
docs citations

140
times ranked

8133
citing authors

#	ARTICLE	IF	CITATIONS
1	Built Environment Correlates of Walking. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S550-S566.	0.2	1,444
2	How the built environment affects physical activity. <i>American Journal of Preventive Medicine</i> , 2002, 23, 64-73.	1.6	1,373
3	Infrastructure, programs, and policies to increase bicycling: An international review. <i>Preventive Medicine</i> , 2010, 50, S106-S125.	1.6	957
4	Measuring the Unmeasurable: Urban Design Qualities Related to Walkability. <i>Journal of Urban Design</i> , 2009, 14, 65-84.	0.6	805
5	Correlation or causality between the built environment and travel behavior? Evidence from Northern California. <i>Transportation Research, Part D: Transport and Environment</i> , 2005, 10, 427-444.	3.2	789
6	Examining the Impacts of Residential Self-Selection on Travel Behaviour: A Focus on Empirical Findings. <i>Transport Reviews</i> , 2009, 29, 359-395.	4.7	786
7	Perceived and objective environmental measures and physical activity among urban adults. <i>American Journal of Preventive Medicine</i> , 2005, 28, 105-116.	1.6	715
8	Self-Selection in the Relationship between the Built Environment and Walking: Empirical Evidence from Northern California. <i>Journal of the American Planning Association</i> , 2006, 72, 55-74.	0.9	495
9	Methodologies for exploring the link between urban form and travel behavior. <i>Transportation Research, Part D: Transport and Environment</i> , 1996, 1, 151-165.	3.2	363
10	Smart Growth and the Transportation-Land Use Connection: What Does the Research Tell Us?. <i>International Regional Science Review</i> , 2005, 28, 146-167.	1.0	339
11	Identifying and Measuring Urban Design Qualities Related to Walkability. <i>Journal of Physical Activity and Health</i> , 2006, 3, S223-S240.	1.0	328
12	Do changes in neighborhood characteristics lead to changes in travel behavior? A structural equations modeling approach. <i>Transportation</i> , 2007, 34, 535-556.	2.1	319
13	What influences travelers to use Uber? Exploring the factors affecting the adoption of on-demand ride services in California. <i>Travel Behaviour & Society</i> , 2018, 13, 88-104.	2.4	317
14	The Influences of the Built Environment and Residential Self-Selection on Pedestrian Behavior: Evidence from Austin, TX. <i>Transportation</i> , 2006, 33, 1-20.	2.1	307
15	Promoting Cycling for Transport: Research Needs and Challenges. <i>Transport Reviews</i> , 2014, 34, 4-24.	4.7	298
16	Local shopping as a strategy for reducing automobile travel. , 2001, 28, 317-346.		278
17	Understanding the Link Between Urban Form and Nonwork Travel Behavior. <i>Journal of Planning Education and Research</i> , 1996, 15, 183-198.	1.5	215
18	Commuting and wellbeing: a critical overview of the literature with implications for policy and future research. <i>Transport Reviews</i> , 2020, 40, 5-34.	4.7	212

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19	Neighborhood satisfaction in suburban versus traditional environments: An evaluation of contributing characteristics in eight California neighborhoods. <i>Landscape and Urban Planning</i> , 2010, 97, 37-48.	3.4	191
20	The Impacts of Ict on leisure Activities and Travel: A Conceptual Exploration. <i>Transportation</i> , 2006, 33, 263-289.	2.1	185
21	Explaining Gender Difference in Bicycling Behavior. <i>Transportation Research Record</i> , 2009, 2125, 16-25.	1.0	183
22	Factors associated with bicycle ownership and use: a study of six small U.S. cities. <i>Transportation</i> , 2010, 37, 967-985.	2.1	179
23	Factors Correlated with Bicycle Commuting: A Study in Six Small U.S. Cities. <i>International Journal of Sustainable Transportation</i> , 2011, 5, 91-110.	2.1	173
24	The relationship between the built environment and nonwork travel: A case study of Northern California. <i>Transportation Research, Part A: Policy and Practice</i> , 2009, 43, 548-559.	2.0	172
25	Factors associated with proportions and miles of bicycling for transportation and recreation in six small US cities. <i>Transportation Research, Part D: Transport and Environment</i> , 2010, 15, 73-81.	3.2	170
26	Urban Form and Pedestrian Choices: Study of Austin Neighborhoods. , 0, .		170
27	City Adoption of Environmentally Sustainable Policies in California's Central Valley. <i>Journal of the American Planning Association</i> , 2009, 75, 293-308.	0.9	161
28	Experiences of electric bicycle users in the Sacramento, California area. <i>Travel Behaviour & Society</i> , 2014, 1, 37-44.	2.4	161
29	What drives the use of ridehailing in California? Ordered probit models of the usage frequency of Uber and Lyft. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 102, 233-248.	3.9	153
30	Urban Form and Pedestrian Choices: Study of Austin Neighborhoods. <i>Transportation Research Record</i> , 1996, 1552, 135-144.	1.0	149
31	Explaining Changes in Walking and Bicycling Behavior: Challenges for Transportation Research. <i>Environment and Planning B: Planning and Design</i> , 2009, 36, 725-740.	1.7	140
32	Using Geographic Information Systems to Evaluate Siting and Networks of Hydrogen Stations. <i>Transportation Research Record</i> , 2004, 1880, 126-134.	1.0	134
33	Assessing Impact of Urban Form Measures on Nonwork Trip Mode Choice After Controlling for Demographic and Level-of-Service Effects. <i>Transportation Research Record</i> , 2003, 1831, 158-165.	1.0	132
34	Planning for Telecommuting<i> Measurement and Policy Issues</i>. <i>Journal of the American Planning Association</i> , 1995, 61, 99-111.	0.9	116
35	Do attitudes cause behavior or vice versa? An alternative conceptualization of the attitude-behavior relationship in travel behavior modeling. <i>Transportation Research, Part A: Policy and Practice</i> , 2017, 101, 190-202.	2.0	116
36	Cross-Sectional and Quasi-Panel Explorations of the Connection between the Built Environment and Auto Ownership. <i>Environment and Planning A</i> , 2007, 39, 830-847.	2.1	115

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37	Factors associated with bicycling to high school: insights from Davis, CA. <i>Journal of Transport Geography</i> , 2012, 20, 71-79.	2.3	115
38	Is accessibility an idea whose time has finally come?. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 83, 102319.	3.2	114
39	Travel behavior of immigrants: An analysis of the 2001 National Household Transportation Survey. <i>Transport Policy</i> , 2010, 17, 85-93.	3.4	103
40	Neighborhood Design and the Accessibility of the Elderly: An Empirical Analysis in Northern California. <i>International Journal of Sustainable Transportation</i> , 2010, 4, 347-371.	2.1	102
41	The future of telecommuting. <i>Futures</i> , 1996, 28, 227-240.	1.4	101
42	Key research themes on urban space, scale, and sustainable urban mobility. <i>International Journal of Sustainable Transportation</i> , 2016, 10, 18-24.	2.1	96
43	How do local actions affect VMT? A critical review of the empirical evidence. <i>Transportation Research, Part D: Transport and Environment</i> , 2012, 17, 495-508.	3.2	94
44	Active Neighborhood Checklist: A User-Friendly and Reliable Tool for Assessing Activity Friendliness. <i>American Journal of Health Promotion</i> , 2007, 21, 534-537.	0.9	87
45	The Causal Influence of Neighborhood Design on Physical Activity within the Neighborhood: Evidence from Northern California. <i>American Journal of Health Promotion</i> , 2008, 22, 350-358.	0.9	87
46	Opportunities for Integrating Public Health and Urban Planning Approaches to Promote Active Community Environments. <i>American Journal of Health Promotion</i> , 2003, 18, 14-20.	0.9	82
47	Is Support for Traditionally Designed Communities Growing? Evidence From Two National Surveys. <i>Journal of the American Planning Association</i> , 2008, 74, 209-221.	0.9	81
48	Similarities in Attitudes and Norms and the Effect on Bicycle Commuting: Evidence from the Bicycle Cities Davis and Delft. <i>International Journal of Sustainable Transportation</i> , 2012, 6, 257-281.	2.1	81
49	Measuring Nonmotorized Accessibility and Connectivity in a Robust Pedestrian Network. <i>Transportation Research Record</i> , 2012, 2299, 48-56.	1.0	80
50	Regional transportation planning in the US: An examination of changes in technical aspects of the planning process in response to changing goals. <i>Transport Policy</i> , 2008, 15, 113-126.	3.4	78
51	Neighborhood design and vehicle type choice: Evidence from Northern California. <i>Transportation Research, Part D: Transport and Environment</i> , 2006, 11, 133-145.	3.2	77
52	Environmental and Policy Approaches for Promoting Physical Activity in the United States: A Research Agenda*. <i>Journal of Physical Activity and Health</i> , 2008, 5, 488-503.	1.0	76
53	Exploring the latent constructs behind the use of ridehailing in California. <i>Journal of Choice Modelling</i> , 2018, 29, 47-62.	1.2	76
54	Measuring the Food and Physical Activity Environments. <i>American Journal of Preventive Medicine</i> , 2009, 36, S81-S85.	1.6	68

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55	Qualitative Methods in Travel Behaviour Research. , 2003, , 283-302.		66
56	Trip generation: Introduction to the special section. Journal of Transport and Land Use, 2015, 8, 1.	0.7	60
57	Why do teens abandon bicycling? A retrospective look at attitudes and behaviors. Journal of Transport and Health, 2014, 1, 17-24.	1.1	58
58	Fifty Years of Bicycle Policy in Davis, California. Transportation Research Record, 2008, 2074, 52-57.	1.0	57
59	Thoughts on the Meaning of Mark Stevens's Meta-Analysis. Journal of the American Planning Association, 2017, 83, 26-28.	0.9	57
60	Commute quality and its implications for commute satisfaction: Exploring the role of mode, location, and other factors. Travel Behaviour & Society, 2019, 16, 241-248.	2.4	57
61	Accounting for the short term substitution effects of walking and cycling in sustainable transportation. Travel Behaviour & Society, 2015, 2, 32-41.	2.4	49
62	How life course events trigger changes in bicycling attitudes and behavior: Insights into causality. Travel Behaviour & Society, 2019, 16, 31-41.	2.4	46
63	The relation between bicycle commuting and non-work cycling: results from a mobility panel. Transportation, 2014, 41, 507-527.	2.1	44
64	Using a stages of change approach to explore opportunities for increasing bicycle commuting. Transportation Research, Part D: Transport and Environment, 2015, 39, 44-55.	3.2	43
65	Exploring Travel Behavior of Elderly Women in Rural and Small Urban North Dakota. Transportation Research Record, 2008, 2082, 125-131.	1.0	41
66	Forecasting telecommuting. Transportation, 1996, 23, 163.	2.1	40
67	No Particular Place to Go. Environment and Behavior, 2009, 41, 233-257.	2.1	38
68	A case for measuring individuals' access to private-vehicle travel as a matter of degrees: lessons from focus groups with Mexican immigrants in California. Transportation, 2008, 35, 601-612.	2.1	36
69	The Regional Response to Federal Funding for Bicycle and Pedestrian Projects. Journal of the American Planning Association, 2010, 77, 23-38.	0.9	36
70	Differentiating the Influence of Accessibility, Attitudes, and Demographics on Stop Participation and Frequency during the Evening Commute. Environment and Planning B: Planning and Design, 2008, 35, 431-442.	1.7	35
71	Social networks as a source of private-vehicle transportation: The practice of getting rides and borrowing vehicles among Mexican immigrants in California. Transportation Research, Part A: Policy and Practice, 2011, 45, 248-257.	2.0	35
72	The influence of holiday-taking on affect and contentment. Annals of Tourism Research, 2014, 45, 89-101.	3.7	32

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73	Psychological stress of bicycling with traffic: examining heart rate variability of bicyclists in natural urban environments. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 70, 81-97.	1.8	30
74	Education of Transportation Planning Professionals. <i>Transportation Research Record</i> , 2002, 1812, 151-160.	1.0	29
75	Method to adjust Institute of Transportation Engineers vehicle trip-generation estimates in smart-growth areas. <i>Journal of Transport and Land Use</i> , 2015, 8, 69-83.	0.7	29
76	Evaluation of Physical Projects and Policies from the Active Living by Design Partnerships. <i>American Journal of Preventive Medicine</i> , 2012, 43, S309-S319.	1.6	25
77	Why do people like bicycling? Modeling affect toward bicycling. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 56, 22-32.	1.8	25
78	Factors influencing dock-less E-bike-share mode substitution: Evidence from Sacramento, California. <i>Transportation Research, Part D: Transport and Environment</i> , 2021, 99, 102990.	3.2	25
79	Driver's licensing delay: A retrospective case study of the impact of attitudes, parental and social influences, and intergenerational differences. <i>Transportation Research, Part A: Policy and Practice</i> , 2018, 111, 24-40.	2.0	23
80	Spatial Attributes and Patterns of Use in Household-Related Information and Communications Technology Activity. <i>Transportation Research Record</i> , 2005, 1926, 252-259.	1.0	22
81	Children's Biking for Nonschool Purposes. <i>Transportation Research Record</i> , 2008, 2074, 40-45.	1.0	22
82	Picture of Online Shoppers. <i>Transportation Research Record</i> , 2015, 2496, 55-63.	1.0	22
83	Decreasing fare evasion without fines? A microeconomic analysis. <i>Research in Transportation Economics</i> , 2016, 59, 151-158.	2.2	22
84	Modeling the Impact of Pavement Roughness on Bicycle Ride Quality. <i>Transportation Research Record</i> , 2015, 2520, 67-77.	1.0	21
85	Economic impacts on local businesses of investments in bicycle and pedestrian infrastructure: a review of the evidence. <i>Transport Reviews</i> , 2021, 41, 401-431.	4.7	20
86	Examining the Effects of the Sacramento Dockless E-Bike Share on Bicycling and Driving. <i>Sustainability</i> , 2021, 13, 368.	1.6	18
87	The Road Less Driven. <i>Journal of the American Planning Association</i> , 2006, 72, 274-278.	0.9	17
88	Factors that Influence University Employees to Commute by Bicycle. <i>Transportation Research Record</i> , 2012, 2314, 112-119.	1.0	16
89	Is the Rise of the E-Society Responsible for the Decline in Car Use by Young Adults?. <i>Transportation Research Record</i> , 2015, 2496, 28-35.	1.0	16
90	Crashes and other safety-related incidents in the formation of attitudes toward bicycling. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2015, 28, 14-24.	1.8	16

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91	The relation of the road environment and bicycling attitudes to usual travel mode to school in teenagers. <i>Transportation Research, Part A: Policy and Practice</i> , 2019, 123, 35-53.	2.0	16
92	Skateboarding for transportation: exploring the factors behind an unconventional mode choice among university skateboard commuters. <i>Transportation</i> , 2019, 46, 263-283.	2.1	16
93	Can an e-bike share system increase awareness and consideration of e-bikes as a commute mode? Results from a natural experiment. <i>International Journal of Sustainable Transportation</i> , 2022, 16, 34-44.	2.1	16
94	Voyage of the SS Minivan. <i>Transportation Research Record</i> , 2006, 1956, 141-148.	1.0	15
95	Evaluation of Operation and Accuracy of Available Smart Growth Trip Generation Methodologies for Use in California. <i>Transportation Research Record</i> , 2012, 2307, 120-131.	1.0	14
96	Methodology to Gather Multimodal Trip Generation Data in Smart-Growth Areas. <i>Transportation Research Record</i> , 2013, 2354, 68-85.	1.0	14
97	Traffic stress and bicycling to elementary and junior high school: Evidence from Davis, California. <i>Journal of Transport and Health</i> , 2016, 3, 457-466.	1.1	14
98	Closing the Induced Vehicle Travel Gap Between Research and Practice. <i>Transportation Research Record</i> , 2017, 2653, 10-16.	1.0	14
99	Induced Vehicle Travel in the Environmental Review Process. <i>Transportation Research Record</i> , 2020, 2674, 468-479.	1.0	14
100	The decision to start commuting by bicycle in Bogotá, Colombia: Motivations and influences. <i>Travel Behaviour & Society</i> , 2021, 24, 57-67.	2.4	14
101	Skate and die? The safety performance of skateboard travel: A look at injury data, fatality data, and rider behavior. <i>Journal of Transport and Health</i> , 2017, 7, 288-297.	1.1	13
102	Road environments and bicyclist route choice: The cases of Davis and San Francisco, CA. <i>Journal of Transport Geography</i> , 2020, 85, 102705.	2.3	13
103	Leaving level-of-service behind: The implications of a shift to VMT impact metrics. <i>Research in Transportation Business and Management</i> , 2018, 29, 14-25.	1.6	12
104	Examining the effect of life course events on modality type and the moderating influence of life stage. <i>Transportation</i> , 2021, 48, 1089-1124.	2.1	12
105	Trends in Out-of-Home and At-Home Activities. <i>Transportation Research Record</i> , 2007, 2014, 76-84.	1.0	11
106	When a Diet Prompts a Gain: Impact of a Road Diet on Bicycling in Davis, California. <i>Transportation Research Record</i> , 2016, 2587, 61-67.	1.0	11
107	A deeper investigation into the effect of the built environment on the use of ridehailing for non-work travel. <i>Journal of Transport Geography</i> , 2021, 91, 102952.	2.3	11
108	Effects of Building a Stock of Bicycling Experience in Youth. <i>Transportation Research Record</i> , 2018, 2672, 12-23.	1.0	10

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109	Sustainable transportation at the ballot box: a disaggregate analysis of the relative importance of user travel mode, attitudes and self-interest. <i>Transportation</i> , 2018, 45, 121-141.	2.1	9
110	What is it about bicycling? Evidence from Davis, California. <i>Travel Behaviour & Society</i> , 2020, 20, 348-357.	2.4	9
111	Factors Associated with High School Students' Delayed Acquisition of a Driver's License. <i>Transportation Research Record</i> , 2015, 2495, 1-13.	1.0	8
112	Planning and the Built Environment: Implications for Obesity Prevention. , 2007, , 171-192.		8
113	Growing Cooler: The Evidence on Urban Development and Climate Change. <i>Journal of the American Planning Association</i> , 2008, 75, 95-96.	0.9	7
114	What makes bicyclists comfortable? Insights from a visual preference survey of casual and prospective bicyclists. <i>Transportation Research, Part A: Policy and Practice</i> , 2022, 155, 434-449.	2.0	7
115	Bicyclists as Consumers. <i>Transportation Research Record</i> , 2014, 2468, 47-54.	1.0	6
116	The Impacts of Big Box Retail on Downtown: A Case Study of Target in Davis (CA). <i>Journal of the American Planning Association</i> , 2018, 84, 45-60.	0.9	6
117	Making US cities pedestrian- and bicycle-friendly. , 2020, , 169-187.		6
118	State-Local Coordination in Managing Land Use and Transportation along State Highways. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2005, 131, 10-18.	0.8	5
119	Online versus phone surveys: comparison of results for a bicycling survey. <i>Transportation Planning and Technology</i> , 2014, 37, 554-567.	0.9	5
120	Times of Bicycle Crossings. <i>Transportation Research Record</i> , 2005, 1939, 22-27.	1.0	4
121	What do teenagers think about driving? Insights from a bicycling-oriented community in the auto-dependent United States. <i>Transportation Research Interdisciplinary Perspectives</i> , 2021, 11, 100422.	1.6	4
122	Method to adjust Institute of Transportation Engineers vehicle trip-generation estimates in smart-growth areas. <i>Journal of Transport and Land Use</i> , 2015, 8, 69.	0.7	4
123	Frontage Roads: Assessment of Legal Issues, Design Decisions, Costs, Operations, and Land-Development Differences. <i>Journal of Transportation Engineering</i> , 2003, 129, 242-252.	0.9	3
124	Network influences on the development and implementation of active transportation policies in six U.S. cities. <i>Preventive Medicine</i> , 2019, 118, 176-183.	1.6	3
125	Reviews : The Transit Metropolis: A Global Inquiry Robert Cervero Washington, D.C.: Island Press 1998.		

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127	Health and Travel. , 2014, , 199-214.		2
128	Projecting Reductions in Vehicle Kilometers Traveled from New Bicycle Facilities. , 0, , .		2
129	Exploring Homeownersâ€™ Openness to Building Accessory Dwelling Units in the Sacramento Metropolitan Area. Journal of the American Planning Association, 2023, 89, 45-60.	0.9	2
130	Economic Impacts of Highway Relief Routes on Small Communities: Case Studies from Texas. Transportation Research Record, 2002, 1792, 20-28.	1.0	1
131	Roundabouts of a figurative kind. Transport Reviews, 2017, 37, 407-411.	4.7	1
132	The connection between mode beliefs and mode liking: biking versus driving. , 0, , .		1
133	A Review of "Auto motives; Understanding car use behaviours". Journal of the American Planning Association, 2012, 78, 344-345.	0.9	0
134	Who are the potential bicyclists? Evidence from the California Millennials Dataset 2015. International Journal of Sustainable Transportation, 0, , 1-11.	2.1	0