

Paul A Waddell

List of Publications by Year in descending order

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53
papers

3,867
citations

159585
30
h-index

206112
48
g-index

54
all docs

54
docs citations

54
times ranked

2764
citing authors

#	ARTICLE	IF	CITATIONS
1	UrbanSim: Modeling Urban Development for Land Use, Transportation, and Environmental Planning. Journal of the American Planning Association, 2002, 68, 297-314.	1.7	879
2	Factors affecting the adoption of vehicle sharing systems by young drivers. Transport Policy, 2013, 29, 64-73.	6.6	250
3	Integrated Land Use and Transportation Planning and Modelling: Addressing Challenges in Research and Practice. Transport Reviews, 2011, 31, 209-229.	8.8	158
4	Modeling the choice continuum: an integrated model of residential location, auto ownership, bicycle ownership, and commute tour mode choice decisions. Transportation, 2011, 38, 933-958.	4.0	157
5	An integrated urban development and ecological simulation model. Integrated Assessment: an International Journal, 2000, 1, 215-227.	0.8	132
6	Residential mobility and location choice: a nested logit model with sampling of alternatives. Transportation, 2010, 37, 587-601.	4.0	132
7	A Behavioral Simulation Model for Metropolitan Policy Analysis and Planning: Residential Location and Housing Market Components of Urbansim. Environment and Planning B: Planning and Design, 2000, 27, 247-263.	1.7	124
8	Modeling residential sorting effects to understand the impact of the built environment on commute mode choice. Transportation, 2007, 34, 557-573.	4.0	119
9	New Insights into Rental Housing Markets across the United States: Web Scraping and Analyzing Craigslist Rental Listings. Journal of Planning Education and Research, 2017, 37, 457-476.	2.7	100
10	Firm location and land use in discrete urban space. Regional Science and Urban Economics, 1991, 21, 225-253.	2.6	95
11	Inverse design of urban procedural models. ACM Transactions on Graphics, 2012, 31, 1-11.	7.2	92
12	Equilibrium versus Dynamics in Urban Modelling. Environment and Planning B: Planning and Design, 2013, 40, 1051-1070.	1.7	91
13	Residential property values in a multinodal urban area: New evidence on the implicit price of location. Journal of Real Estate Finance and Economics, 1993, 7, 117-141.	1.5	89
14	The Influence of Demographics and Distance on Nonprofit Location. Nonprofit and Voluntary Sector Quarterly, 1997, 26, 207-225.	1.9	89
15	Incorporating land use in metropolitan transportation planning. Transportation Research, Part A: Policy and Practice, 2007, 41, 382-410.	4.2	86
16	Assessing uncertainty in urban simulations using Bayesian melding. Transportation Research Part B: Methodological, 2007, 41, 652-669.	5.9	83
17	Exogenous Workplace Choice in Residential Location Models: Is the Assumption Valid?. Geographical Analysis, 1993, 25, 65-82.	3.5	82
18	Modelling the Appearance and Behaviour of Urban Spaces. Computer Graphics Forum, 2010, 29, 25-42.	3.0	82

#	ARTICLE	IF	CITATIONS
19	Discrete choice models with capacity constraints: An empirical analysis of the housing market of the greater Paris region. <i>Journal of Urban Economics</i> , 2007, 62, 204-230.	4.4	67
20	Introduction to Urban Simulation: Design and Development of Operational Models. , 2004, , 203-236.		65
21	Modeling Interdependence in Household Residence and Workplace Choices. <i>Transportation Research Record</i> , 2007, 2003, 84-92.	1.9	61
22	Visualization of Simulated Urban Spaces: Inferring Parameterized Generation of Streets, Parcels, and Aerial Imagery. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2009, 15, 424-435.	4.4	55
23	The politics of sustainable development opposition: State legislative efforts to stop the United Nation's Agenda 21 in the United States. <i>Urban Studies</i> , 2015, 52, 209-232.	3.7	52
24	Employment Dynamics, Spatial Restructuring, and the Business Cycle. <i>Geographical Analysis</i> , 1993, 25, 35-52.	3.5	51
25	Interactive design of urban spaces using geometrical and behavioral modeling. <i>ACM Transactions on Graphics</i> , 2009, 28, 1-10.	7.2	50
26	Reexamining the Influence of Work and Nonwork Accessibility on Residential Location Choices with a Microanalytic Framework. <i>Environment and Planning A</i> , 2010, 42, 913-930.	3.6	50
27	Integrated Land Use-Transport Model System with Dynamic Time-Dependent Activity-Travel Microsimulation. <i>Transportation Research Record</i> , 2012, 2303, 19-27.	1.9	50
28	Housing Price Gradients: The Intersection of Space and Built Form. <i>Geographical Analysis</i> , 2010, 25, 5-19.	3.5	49
29	Apartment Rents: Another Challenge to the Monocentric Model. <i>Geographical Analysis</i> , 2010, 25, 20-34.	3.5	49
30	An extensible, modular architecture for simulating urban development, transportation, and environmental impacts. <i>Computers, Environment and Urban Systems</i> , 2003, 27, 181-203.	7.1	45
31	Evaluating Water Demands under Climate Change and Transitions in the Urban Environment. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2011, 137, 249-257.	2.6	44
32	The Effect of Impact Fees on the Price of New Single-family Housing. <i>Urban Studies</i> , 2004, 41, 1303-1312.	3.7	35
33	Urbansim: Using Simulation to Inform Public Deliberation and Decision-Making. <i>Integrated Series on Information Systems</i> , 2008, , 439-464.	0.1	30
34	MANUFACTURING LOCATION IN A POLYCENTRIC URBAN AREA: A STUDY IN THE COMPOSITION AND ATTRACTIVENESS OF EMPLOYMENT SUBCENTERS. <i>Urban Geography</i> , 1993, 14, 277-296.	3.0	24
35	UrbanAccess: Generalized Methodology for Measuring Regional Accessibility with an Integrated Pedestrian and Transit Network. <i>Transportation Research Record</i> , 2017, 2653, 35-44.	1.9	23
36	Modeling Micro-Spatial Employment Location Patterns: A Comparison of Count and Choice Approaches. <i>Geographical Analysis</i> , 2008, 40, 123-151.	3.5	21

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37	A MULTINOMIAL LOGIT MODEL OF RACE AND URBAN STRUCTURE. Urban Geography, 1992, 13, 127-141.	3.0	20
38	Incremental Integration of Land Use and Activity-Based Travel Modeling. Transportation Research Record, 2011, 2255, 1-10.	1.9	17
39	Opus (the Open Platform for Urban Simulation) and UrbanSim 4. , 2006, , .		16
40	Towards a Behavioural Integration of Land Use and Transportation Modelling. , 2001, , 65-95.		16
41	Land use-transportation modeling with UrbanSim: Experiences and progress. Journal of Transport and Land Use, 2010, 3, .	1.2	14
42	Interactive design of urban spaces using geometrical and behavioral modeling. , 2009, , .		13
43	Modeling Residential Location in UrbanSim. Advances in Spatial Science, 2010, , 165-180.	0.6	12
44	Design of an Integrated Land Use and Activity-Based Travel Model System for the Puget Sound Region. Transportation Research Record, 2002, 1805, 108-118.	1.9	10
45	Uncertain benefits: Application of Bayesian melding to the Alaskan Way Viaduct in Seattle. Transportation Research, Part A: Policy and Practice, 2011, 45, 540-553.	4.2	9
46	VARIATIONS IN HOUSING PRICE DEPRECIATION: THE "TASTE FOR NEWNESS" ACROSS HETEROGENEOUS SUBMARKETS. Urban Geography, 1996, 17, 269-280.	3.0	8
47	Incorporating Nonmotorized Mode and Neighborhood Accessibility in an Integrated Land Use and Transportation Model System. Transportation Research Record, 2002, 1805, 119-127.	1.9	7
48	WIDENING GAPS: THE BEHAVIOR OF SUBMARKET HOUSING PRICE INDEXES IN THE DALLAS AREA, 1979-1993. Urban Geography, 1995, 16, 722-733.	3.0	6
49	SPATIOTEMPORAL CONTROLS IN HEDONIC HOUSING PRICE MODELS. Urban Geography, 1997, 18, 347-352.	3.0	5
50	UrbanSim. , 2006, , .		5
51	Microsimulation analysis for network traffic assignment (MANTA) at metropolitan-scale for agile transportation planning. Transportmetrica A: Transport Science, 2022, 18, 1278-1299.	2.0	5
52	Forecasting Demand for Urban Land. , 2008, , 493-518.		3
53	The Application of an Integrated Behavioral Activity-Travel Simulation Model for Pricing Policy Analysis. Advances in Data Mining and Database Management Book Series, 2014, , 86-102.	0.5	2