

Christopher J Webster

List of Publications by Citations

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141
papers

4,292
citations

34
h-index

61
g-index

162
ext. papers

5,271
ext. citations

5.4
avg, IF

6.27
L-index

#	Paper	IF	Citations
141	Simulation of land development through the integration of cellular automata and multicriteria evaluation. <i>Environment and Planning B: Planning and Design</i> , 1998 , 25, 103-126		340
140	Urban villages under China's rapid urbanization: Unregulated assets and transitional neighbourhoods. <i>Habitat International</i> , 2010 , 34, 135-144	4.6	271
139	Informality and the Development and Demolition of Urban Villages in the Chinese Peri-urban Area. <i>Urban Studies</i> , 2013 , 50, 1919-1934	3.2	238
138	Property Rights and the Public Realm: Gates, Green Belts, and Gemeinschaft. <i>Environment and Planning B: Planning and Design</i> , 2002 , 29, 397-412		169
137	Residential greenness and prevalence of major depressive disorders: a cross-sectional, observational, associational study of 94 879 adult UK Biobank participants. <i>Lancet Planetary Health</i> , 2018 , 2, e162-e173	9.8	144
136	Gated cities of tomorrow. <i>Town Planning Review</i> , 2001 , 72, 149-170	0.8	130
135	Exploring associations between urban green, street design and walking: Results from the Greater London boroughs. <i>Landscape and Urban Planning</i> , 2015 , 143, 112-125	7.7	103
134	Property Rights Redistribution, Entitlement Failure and the Impoverishment of Landless Farmers in China. <i>Urban Studies</i> , 2009 , 46, 1925-1949	3.2	102
133	Social Groups and Housing Differentiation in China's Urban Villages: An Institutional Interpretation. <i>Housing Studies</i> , 2010 , 25, 671-691	1.5	88
132	Public Choice, Pigouvian and Coasian Planning Theory. <i>Urban Studies</i> , 1998 , 35, 53-75	3.2	83
131	Computational Building Information Modelling for construction waste management: Moving from rhetoric to reality. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 68, 587-595	16.2	71
130	Homeowners Associations, Collective Action and the Costs of Private Governance. <i>Housing Studies</i> , 2005 , 20, 205-220	1.5	70
129	Estimating the mediating effect of privately-supplied green space on the relationship between urban public green space and property value: Evidence from Shanghai, China. <i>Land Use Policy</i> , 2016 , 54, 439-447	5.6	65
128	Land Dispossession and Enrichment in China's Suburban Villages. <i>Urban Studies</i> , 2011 , 48, 529-551	3.2	63
127	Property rights, public space and urban design. <i>Town Planning Review</i> , 2007 , 78, 81-101	0.8	62
126	Simulating artificial cities in a GIS environment: urban growth under alternative regulation regimes. <i>International Journal of Geographical Information Science</i> , 2000 , 14, 625-648	4.1	61
125	Enclosure of the urban commons. <i>Geo Journal</i> , 2006 , 66, 27-42	2.2	60

124	The Donald Robertson Memorial Prizewinner 2003 The Nature of the Neighbourhood. <i>Urban Studies</i> , 2003 , 40, 2591-2612	3.2	60
123	Estimating and calibrating the amount of building-related construction and demolition waste in urban China. <i>International Journal of Construction Management</i> , 2017 , 17, 13-24	1.9	58
122	Gated Communities. <i>Geography Compass</i> , 2008 , 2, 1189-1214	2.4	56
121	Built environment configuration and change in body mass index: the Caerphilly Prospective Study (CaPS). <i>Health and Place</i> , 2013 , 19, 33-44	4.6	52
120	Urban built environment configuration and psychological distress in older men: results from the Caerphilly study. <i>BMC Public Health</i> , 2013 , 13, 695	4.1	51
119	Examining the interaction of fast-food outlet exposure and income on diet and obesity: evidence from 51,361 UK Biobank participants. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 71	8.4	50
118	The nature of cities and the Covid-19 pandemic. <i>Current Opinion in Environmental Sustainability</i> , 2020 , 46, 27-31	7.2	47
117	Stakeholders' willingness to pay for enhanced construction waste management: A Hong Kong study. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 47, 233-240	16.2	44
116	Path Dependency and the Neighbourhood Effect: Urban Poverty in Impoverished Neighbourhoods in Chinese Cities. <i>Environment and Planning A</i> , 2010 , 42, 134-152	2.7	44
115	Neighbourhood walkability and incidence of hypertension: Findings from the study of 429,334 UK Biobank participants. <i>International Journal of Hygiene and Environmental Health</i> , 2018 , 221, 458-468	6.9	42
114	Association between adiposity outcomes and residential density: a full-data, cross-sectional analysis of 419 562 UK Biobank adult participants. <i>Lancet Planetary Health</i> , 2017 , 1, e277-e288	9.8	38
113	Gates or No Gates? A Cross-European Enquiry into the Driving Forces behind Gated Communities. <i>Regional Studies</i> , 2012 , 46, 293-308	3.4	36
112	Change in alcohol outlet density and alcohol-related harm to population health (CHALICE). <i>BMC Public Health</i> , 2012 , 12, 428	4.1	36
111	Poverty concentration and determinants in China's urban low-income neighbourhoods and social groups. <i>International Journal of Urban and Regional Research</i> , 2010 , 34, 328-49	2.4	36
110	Urban configuration, accessibility, and property prices: a case study of Cardiff, Wales. <i>Environment and Planning B: Planning and Design</i> , 2016 , 43, 108-129		34
109	Coase, Spatial Pricing and Self-organising Cities. <i>Urban Studies</i> , 2001 , 38, 2037-2054	3.2	34
108	GIS and the Scientific Inputs to Urban Planning. Part 1: Description. <i>Environment and Planning B: Planning and Design</i> , 1993 , 20, 709-728		34
107	Informality, property rights, and poverty in China – Bavelas – <i>World Development</i> , 2016 , 78, 461-476	5.5	34

106	Identifying house price effects of changes in urban street configuration: An empirical study in Nanjing, China. <i>Urban Studies</i> , 2016 , 53, 112-131	3.2	32
105	The Environmental Exposures and Inner- and Intercity Traffic Flows of the Metro System May Contribute to the Skin Microbiome and Resistome. <i>Cell Reports</i> , 2018 , 24, 1190-1202.e5	10.6	32
104	The New Institutional Economics and the evolution of modern urban planning: Insights, issues and lessons. <i>Town Planning Review</i> , 2005 , 76, 455-502	0.8	32
103	From LiDAR point cloud towards digital twin city: Clustering city objects based on Gestalt principles. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020 , 167, 418-431	11.8	32
102	PLANNING BY COMMONHOLD. <i>Economic Affairs</i> , 2005 , 25, 19-23	0.5	31
101	Property rights with price tags? Pricing uncertainties in the production, transaction and consumption of China's small property right housing. <i>Land Use Policy</i> , 2019 , 81, 424-433	5.6	30
100	Urban environments and human health: current trends and future directions. <i>Current Opinion in Environmental Sustainability</i> , 2017 , 25, 33-44	7.2	28
99	Regulation, Land-Use Mix, and Urban Performance. Part 2: Simulation. <i>Environment and Planning A</i> , 1999 , 31, 1529-1545	2.7	28
98	Pricing accessibility: Urban morphology, design and missing markets. <i>Progress in Planning</i> , 2010 , 73, 77-113	1.1	27
97	Regulation, Land-Use Mix, and Urban Performance. Part 1: Theory. <i>Environment and Planning A</i> , 1999 , 31, 1433-1442	2.7	27
96	UK Biobank Urban Morphometric Platform (UKBUMP) is a nationwide resource for evidence-based healthy city planning and public health interventions. <i>Annals of GIS</i> , 2015 , 21, 135-148	4.1	26
95	Methodological Frameworks and Interdisciplinary Research on Gated Communities. <i>International Planning Studies</i> , 2010 , 15, 3-23	1.6	25
94	Population and dwelling unit estimates from space. <i>International Development Planning Review</i> , 1996 , 18, 155-76		25
93	GIS and the scientific inputs to planning. Part 2: prediction and prescription. <i>Environment and Planning B: Planning and Design</i> , 1994 , 21, 145-157		25
92	Air pollution associated respiratory mortality risk alleviated by residential greenness in the Chinese Elderly Health Service Cohort. <i>Environmental Research</i> , 2020 , 183, 109139	7.9	23
91	Change in alcohol outlet density and alcohol-related harm to population health (CHALICE): a comprehensive record-linked database study in Wales. <i>Public Health Research</i> , 2016 , 4, 1-184	1.7	23
90	Examining the Multi-Scalar Unevenness of High-Quality Healthcare Resources Distribution in China. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	22
89	Improving Mental Health Through the Regeneration of Deprived Neighborhoods: A Natural Experiment. <i>American Journal of Epidemiology</i> , 2017 , 186, 473-480	3.8	22

88	Simulation of natural land use zoning under free-market and incremental development control regimes. <i>Computers, Environment and Urban Systems</i> , 1998 , 22, 241-256	5.9	22
87	Poverty incidence and concentration in different social groups in urban China, a case study of Nanjing. <i>Cities</i> , 2008 , 25, 121-132	5.6	22
86	The Decentralising Metropolis: Economic Diversity and Commuting in the US Suburbs. <i>Urban Studies</i> , 2006 , 43, 2525-2549	3.2	22
85	Objective assessment of station approach routes: Development and reliability of an audit for walking environments around metro stations in China. <i>Journal of Transport and Health</i> , 2017 , 4, 191-207 ³		21
84	Unravelling residential satisfaction and relocation intention in three urban neighborhood types in Guangzhou, China. <i>Habitat International</i> , 2019 , 85, 53-62	4.6	20
83	BIM reconstruction from 3D point clouds: A semantic registration approach based on multimodal optimization and architectural design knowledge. <i>Advanced Engineering Informatics</i> , 2019 , 42, 100965	7.4	20
82	Green spaces mitigate racial disparity of health: A higher ratio of green spaces indicates a lower racial disparity in SARS-CoV-2 infection rates in the USA. <i>Environment International</i> , 2021 , 152, 106465	12.9	20
81	Environmental correlates of chronic obstructive pulmonary disease in 96 779 participants from the UK Biobank: a cross-sectional, observational study. <i>Lancet Planetary Health</i> , 2019 , 3, e478-e490	9.8	20
80	Street network accessibility-based methodology for appraisal of land use master plans: An empirical case study of Wuhan, China. <i>Land Use Policy</i> , 2017 , 69, 193-203	5.6	19
79	Effects of green space on walking: Does size, shape and density matter?. <i>Urban Studies</i> , 2020 , 57, 3402-3420		19
78	Co-evolution of gated communities and local public goods. <i>Urban Studies</i> , 2014 , 51, 2539-2554	3.2	19
77	Cross-jurisdictional construction waste material trading: Learning from the smart grid. <i>Journal of Cleaner Production</i> , 2020 , 277, 123352	10.3	19
76	Ungating the city: A permeability perspective. <i>Urban Studies</i> , 2018 , 55, 2586-2602	3.2	17
75	Private Cities		16
74	Cities for global health. <i>BMJ, The</i> , 2018 , 363, k3794	5.9	16
73	Are exposures to ready-to-eat food environments associated with type 2 diabetes? A cross-sectional study of 347 551 UK Biobank adult participants. <i>Lancet Planetary Health</i> , 2018 , 2, e438-e450	9.8	15
72	Privatising the governance and management of existing urban neighbourhoods. <i>Property Management</i> , 2006 , 24, 98-115	1	14
71	Analytical public-choice planning theory: a response to Poulton. <i>Town Planning Review</i> , 1998 , 69, 191	0.8	14

70	Rule-based spatial search. <i>International Journal of Geographical Information Science</i> , 1990 , 4, 241-259	4.1	14
69	Healthy Cities 2014 ,		14
68	From Broken Windows to Perceived Routine Activities: Examining Impacts of Environmental Interventions on Perceived Safety of Urban Alleys. <i>Frontiers in Psychology</i> , 2018 , 9, 2450	3.4	14
67	Estimating construction waste generation in the Greater Bay Area, China using machine learning. <i>Waste Management</i> , 2021 , 134, 78-88	8.6	14
66	Towards a typology of geographical information systems. <i>International Journal of Geographical Information Science</i> , 1989 , 3, 137-152	4.1	13
65	The Donald Robertson memorial prizewinner 2003 The nature of the neighbourhood. <i>Urban Studies</i> , 2003 , 40, 2591-2612	3.2	13
64	Using Big and Open Data to Analyze Transit-Oriented Development. <i>Journal of the American Planning Association</i> , 2020 , 86, 364-376	2.9	13
63	Connecting the city: A three-dimensional pedestrian network of Hong Kong. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021 , 48, 60-75	2	12
62	Toward a Metagenomic Understanding on the Bacterial Composition and Resistome in Hong Kong Banknotes. <i>Frontiers in Microbiology</i> , 2017 , 8, 632	5.7	11
61	The human posterior cingulate and the stress-response benefits of viewing green urban landscapes. <i>NeuroImage</i> , 2021 , 226, 117555	7.9	11
60	New metro system and active travel: A natural experiment. <i>Environment International</i> , 2020 , 138, 105605	12.9	10
59	Residential relocation and sustainable urban form: Statistical analyses of owner-occupiers' preferences. <i>International Planning Studies</i> , 2006 , 11, 41-57	1.6	10
58	A derivative-free optimization-based approach for detecting architectural symmetries from 3D point clouds. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019 , 148, 32-40	11.8	10
57	A four-quadrant conceptual framework for analyzing extended producer responsibility in offshore prefabrication construction. <i>Journal of Cleaner Production</i> , 2021 , 282, 124540	10.3	10
56	Exposure to light at night (LAN) and risk of obesity: A systematic review and meta-analysis of observational studies. <i>Environmental Research</i> , 2020 , 187, 109637	7.9	9
55	Child-Care Services and the Urban Labour Market. Part 2: Modelling the Relationships between Child-Care Service Accessibility and Labour-Market Participation. <i>Environment and Planning A</i> , 1997 , 29, 1675-1695	2.7	9
54	A Property Rights Analysis of Urban Planning in Spain and UK. <i>European Planning Studies</i> , 2013 , 21, 1475-1490	3.490	8
53	Unravelling the impact of street network structure and gated community layout in development-oriented transit design. <i>Land Use Policy</i> , 2020 , 90, 104328	5.6	8

52	Lower-than-standard particulate matter air pollution reduced life expectancy in Hong Kong: A time-series analysis of 8.5 million years of life lost. <i>Chemosphere</i> , 2021 , 272, 129926	8.4	8
51	Can street segments indexed for accessibility form the basis for housing submarket delineation?. <i>Housing Studies</i> , 2016 , 31, 829-851	1.5	8
50	The security grills on apartments in gated communities: Trading-off 3D and 2D landscapes of fear in China. <i>Cities</i> , 2019 , 90, 113-121	5.6	7
49	Exploring the Ripple Effect and Spatial Volatility in House Prices in England and Wales: Regressing Interaction Domain Cross-Correlations against Reactive Statistics. <i>Environment and Planning B: Planning and Design</i> , 2013 , 40, 763-782		7
48	Are Some Planning Transactions Intrinsically Sovereign?. <i>Journal of Planning Education and Research</i> , 2009 , 28, 476-490	1.8	7
47	Measuring high-density built environment for public health research: Uncertainty with respect to data, indicator design and spatial scale. <i>Geospatial Health</i> , 2018 , 13, 653	2.2	7
46	The communities first (ComFi) study: protocol for a prospective controlled quasi-experimental study to evaluate the impact of area-wide regeneration on mental health and social cohesion in deprived communities. <i>BMJ Open</i> , 2014 , 4, e006530	3	6
45	Profiling Urban Poverty in a Chinese City, the Case of Nanjing. <i>Applied Spatial Analysis and Policy</i> , 2008 , 1, 193-214	1.7	6
44	An anatomy of waste generation flows in construction projects using passive bigger data. <i>Waste Management</i> , 2020 , 106, 162-172	8.6	5
43	Street morphology and severity of road casualties: A 5-year study of Greater London. <i>International Journal of Sustainable Transportation</i> , 2018 , 12, 510-525	3.6	5
42	Institutional innovations in land development and planning in the 20th and 21st centuries. <i>Habitat International</i> , 2018 , 75, 90-95	4.6	5
41	THE PUBLIC ASSIGNMENT OF DEVELOPMENT RIGHTS ¹ . <i>Economic Affairs</i> , 2005 , 25, 44-47	0.5	5
40	Sustainability and Public Choice: A Theoretical Essay on Urban Performance Indicators. <i>Environment and Planning B: Planning and Design</i> , 1998 , 25, 709-729		5
39	Combinatorial optimization of construction waste collection and transportation: A case study of Hong Kong. <i>Resources, Conservation and Recycling</i> , 2021 , 106043	11.9	5
38	Examining Trans-Provincial Diagnosis of Rare Diseases in China: The Importance of Healthcare Resource Distribution and Patient Mobility. <i>Sustainability</i> , 2020 , 12, 5444	3.6	5
37	Neighborhood Built Environment and Late-Life Depression: A Multilevel Path Analysis in a Chinese Society. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021 , 76, 2143-2154 ^{4.6}		5
36	Quantifying the embodied carbon saving potential of recycling construction and demolition waste in the Greater Bay Area, China: Status quo and future scenarios. <i>Science of the Total Environment</i> , 2021 , 792, 148427	10.2	5
35	How high can we go? Urban density, infectious versus chronic disease, and the adaptive resilience of cities. <i>Town Planning Review</i> , 2021 , 92, 123-130	0.8	5

34	Walkability scoring: Why and how does a three-dimensional pedestrian network matter?. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2020 , 239980832097787	2	4
33	The use of geographical information systems in assessing spatial and socio-economic impacts of parental choice. <i>Research Papers in Education</i> , 1997 , 12, 27-48	1.6	4
32	Disaggregated GIS architecture Lessons from recent developments in multi-site database management systems. <i>International Journal of Geographical Information Science</i> , 1988 , 2, 67-79	4.1	4
31	Practice-bounded Knowledge. <i>Centre for Education in the Built Environment Transactions</i> , 2006 , 3, 1-8		3
30	Neighbourhood physical environment, intrinsic capacity, and 4-year late-life functional ability trajectories of low-income Chinese older population: A longitudinal study with the parallel process of latent growth curve modelling. <i>EClinicalMedicine</i> , 2021 , 36, 100927	11.3	3
29	Longitudinal associations between neighbourhood physical environments and depressive symptoms of older adults in Hong Kong: The moderating effects of terrain slope and declining functional abilities. <i>Health and Place</i> , 2021 , 70, 102585	4.6	3
28	Associating street-network centrality with spontaneous and planned subcentres. <i>Urban Studies</i> , 2021 , 58, 2059-2078	3.2	3
27	Structured methods for GIS design part 2: An object-oriented system for physical plan monitoring. <i>Computers, Environment and Urban Systems</i> , 1994 , 18, 19-41	5.9	2
26	BIG DATA IN CONSTRUCTION WASTE MANAGEMENT: PROSPECTS AND CHALLENGES. <i>Detritus</i> , 2018 , In Press, 1	0.9	2
25	Metro and elderly health in Hong Kong: protocol for a natural experiment study in a high-density city. <i>BMJ Open</i> , 2021 , 11, e043983	3	2
24	Big Data-Driven Pedestrian Analytics: Unsupervised Clustering and Relational Query Based on Tencent Street View Photographs. <i>ISPRS International Journal of Geo-Information</i> , 2021 , 10, 561	2.9	2
23	Does China-Pakistan Economic Corridor improve connectivity in Pakistan? A protocol assessing the planned transport network infrastructure. <i>Journal of Transport Geography</i> , 2022 , 100, 103327	5.2	2
22	Commentary: On the Differentiated Demand for Planning Journals. <i>Journal of Planning Education and Research</i> , 2011 , 31, 98-100	1.8	1
21	Child-Care Services and the Urban Labour Market. Part 1: The Urban Child-Care Market. <i>Environment and Planning A</i> , 1997 , 29, 1419-1431	2.7	1
20	Structured methods for GIS design part 1: A relational system for physical plan monitoring. <i>Computers, Environment and Urban Systems</i> , 1994 , 18, 1-18	5.9	1
19	Urban Planning: A New Collaborative Learning Environment. <i>Planet</i> , 2001 , 1, 12-13		1
18	Liveable residential space, residential density, and hypertension in Hong Kong: A population-based cohort study. <i>PLoS Medicine</i> , 2021 , 18, e1003824	11.6	1
17	Characteristics of the Residential Environment and Their Association With Depression in Hong Kong. <i>JAMA Network Open</i> , 2021 , 4, e2130777	10.4	1

16	Associations of residential walkability and greenness with arterial stiffness in the UK Biobank. <i>Environment International</i> , 2021 , 158, 106960	12.9	1
15	Calculating a national Anomie Density Ratio: Measuring the patterns of loneliness and social isolation across the UK's residential density gradient using results from the UK Biobank study. <i>Landscape and Urban Planning</i> , 2021 , 215, 104194	7.7	1
14	Briefing: Cities of clubs. <i>Proceedings of the Institution of Civil Engineers: Urban Design and Planning</i> , 2012 , 165, 3-6	0.6	0
13	Text animation or knowledge engineering?: Two approaches to expert system design in urban planning. <i>Computers, Environment and Urban Systems</i> , 1991 , 15, 151-164	5.9	0
12	Health risks of adults in Hong Kong related to inhalation of particle-bound heavy metal(loid)s. <i>Air Quality, Atmosphere and Health</i> , 2022 , 15, 691	5.6	0
11	Divergent distributions of physicians and healthcare beds in China: Changing patterns, driving forces, and policy implications. <i>Applied Geography</i> , 2022 , 138, 102626	4.4	0
10	Community planning for a "healthy built environment" via a human-environment nexus? A multifactorial assessment of environmental characteristics and age-specific stroke mortality in Hong Kong. <i>Chemosphere</i> , 2022 , 287, 132043	8.4	0
9	Neighborhood built environments and cognition in later life.. <i>Aging and Mental Health</i> , 2022 , 1-9	3.5	0
8	Re-examining Jane Jacobs's doctrine using new urban data in Hong Kong. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2022 , 239980832211061	2	0
7	The association between workplace built environment and metabolic health: A systematic review and meta-analysis. <i>Health and Place</i> , 2022 , 76, 102829	4.6	0
6	Legacies of European Belt and Road? Visualizing transport accessibility and its impacts on population distribution. <i>Regional Studies, Regional Science</i> , 2019 , 6, 451-454	1.4	
5	Property Rights 2019 , 1-7		
4	Competition and collaboration in teaching and learning. <i>Enhancing Learning in the Social Sciences</i> , 2011 , 4, 1-4		
3	Successful Professional Action and the Rules of Learning. <i>Centre for Education in the Built Environment Transactions</i> , 2007 , 4, 1-7		
2	What Has Been Marginalized? Marginalization as the Constrained Right to the City in Urban China 2010 , 301-306		
1	Refutation, generalisation and well-founded knowledge: how do we train students to evaluate knowledge?. <i>Centre for Education in the Built Environment Transactions</i> , 2012 , 9, 1-2		