Yi Peng

List of Publications by Citations

75 papers	2,191 citations	28 h-index	46 g-index
77 ext. papers	2,708 ext. citations	5.6 avg, IF	5.45 L-index

#	Paper	IF	Citations
75	Prefabricated construction enabled by the Internet-of-Things. *Automation in Construction*, **2017**, 76, 59-70	9.6	183
74	Bridging BIM and building: From a literature review to an integrated conceptual framework. *International Journal of Project Management*, **2015**, 33, 1405-1416	7.6	125
73	Cultivated land protection policies in China facing 2030: Dynamic balance system versus basic farmland zoning. *Habitat International*, **2017**, 69, 126-138	4.6	119
72	Exploring the challenges to industrialized residential building in China. *Habitat International*, **2014**, 41, 176-184	4.6	116
71	An alternative model for evaluating sustainable urbanization. *Cities*, **2012**, 29, 32-39	5.6	106
70	Benchmarking construction waste management performance using big data. *Resources, Conservation and Recycling*, **2015**, 105, 49-58	11.9	88
69	Industrial land development in urban villages in China: A property rights perspective. *Habitat International*, **2014**, 41, 185-194	4.6	76
68	Critical risk factors affecting the implementation of PPP waste-to-energy projects in China. *Applied Energy*, **2015**, 158, 403-411	10.7	75
67	A game theory based analysis of decision making for green retrofit under different occupancy types. *Journal of Cleaner Production*, **2016**, 137, 1300-1312	10.3	69
66	Smart city with Chinese characteristics against the background of big data: Idea, action and risk. *Journal of Cleaner Production*, **2018**, 173, 60-66	10.3	68
65	Cost-benefit analysis of Building Information Modeling implementation in building projects through demystification of time-effort distribution curves. *Building and Environment*, **2014**, 82, 317-327	6.5	65
64	Effect of land expropriation on land-lost farmers[]entrepreneurial action: A case study of Zhejiang Province. *Habitat International*, **2016**, 53, 342-349	4.6	63
63	A framework of decision-making factors and supporting information for facilitating sustainable site planning in urban renewal projects. *Cities*, **2014**, 40, 44-55	5.6	61
62	An alternative model for measuring the sustainability of urban regeneration: the way forward. *Journal of Cleaner Production*, **2015**, 109, 76-83	10.3	60
61	Estimating and calibrating the amount of building-related construction and demolition waste in urban China. *International Journal of Construction Management*, **2017**, 17, 13-24	1.9	58
60	Generic Model for Measuring Benefits of BIM as a Learning Tool in Construction Tasks. *Journal of Construction Engineering and Management - ASCE*, **2013**, 139, 195-203	4.2	55
59	Uncertainty analysis for measuring greenhouse gas emissions in the building construction phase: a case study in China. *Journal of Cleaner Production*, **2016**, 129, 183-195	10.3	50

58	A comparison of two approaches to develop concentrated rural settlements after the 5.12 Sichuan Earthquake in China. *Habitat International*, **2015**, 49, 230-242	4.6	45
57	Stakeholders willingness to pay for enhanced construction waste management: A Hong Kong study. *Renewable and Sustainable Energy Reviews*, **2015**, 47, 233-240	16.2	44
56	Farmers' risk perception of concentrated rural settlement development after the 5.12 Sichuan Earthquake. *Habitat International*, **2018**, 71, 169-176	4.6	42
55	Critical determinant factors (CDFs) for developing concentrated rural settlement in post-disaster reconstruction: a China study. *Natural Hazards*, **2013**, 66, 355-373	3	42
54	Critical Assessment Indicators for Measuring Benefits of Rural Infrastructure Investment in China. *Journal of Infrastructure Systems*, **2011**, 17, 176-183	2.9	39
53	The S-curve for forecasting waste generation in construction projects. *Waste Management*, **2016**, 56, 23-34	8.6	38
52	A generic decision model for developing concentrated rural settlement in post-disaster reconstruction: a China study. *Natural Hazards*, **2014**, 71, 611-637	3	36
51	The effects of green building on construction waste minimization: Triangulating 'big data' with 'thick data'. *Waste Management*, **2018**, 79, 142-152	8.6	33
50	The feasibility of concentrated rural settlement in a context of post-disaster reconstruction: a study of China. *Disasters*, **2014**, 38, 108-24	2.8	32
49	Financing China's Suburbanization: Capital Accumulation through Suburban Land Development in Hangzhou. *International Journal of Urban and Regional Research*, **2016**, 40, 1112-1133	2.4	31
48	Data mining in the construction industry: Present status, opportunities, and future trends. *Automation in Construction*, **2020**, 119, 103331	9.6	29
47	Development priority zoning (DPZ)-led scenario simulation for regional land use change: The case of Suichang County, China. *Habitat International*, **2012**, 36, 268-277	4.6	28
46	An alternative incomplete information bargaining model for identifying the reasonable concession period of a BOT project. *International Journal of Project Management*, **2015**, 33, 1151-1159	7.6	24
45	Market-driven land nationalization in China: A new system for the capitalization of rural homesteads. *Land Use Policy*, **2018**, 70, 559-569	5.6	23
44	Economic benefit analysis of joint operation of cascaded reservoirs. *Journal of Cleaner Production*, **2018**, 179, 731-737	10.3	22
43	Analysis of farmers satisfaction towards concentrated rural settlement development after the Wenchuan earthquake. *International Journal of Disaster Risk Reduction*, **2018**, 31, 160-169	4.5	21
42	Renewal of land-use term for urbanization in China: Sword of Damocles or Noah's Ark?. *Land Use Policy*, **2017**, 65, 238-248	5.6	20
41	Towards Physical Internet-enabled Prefabricated Housing Construction in Hong Kong. *IFAC-PapersOnLine*, **2015**, 48, 1079-1086	0.7	20

40	Embodied agricultural water use in China from 1997 to 2010. *Journal of Cleaner Production*, **2016**, 112, 3176-3184	10.3	17
39	Demystifying Construction Project Time–Effort Distribution Curves: BIM and Non-BIM Comparison. *Journal of Management in Engineering - ASCE*, **2015**, 31, 04015010	5.3	16
38	The Collective Strategies of Major Stakeholders in Land Expropriation: A Tripartite Game Analysis of Central Government, Local Governments, and Land-Lost Farmers. *Sustainability*, **2017**, 9, 648	3.6	13
37	Conspicuous consumption behavior of land-lost farmers: A perspective of social identity. *Cities*, **2017**, 66, 81-90	5.6	11
36	Regular pattern of judicial decision on land acquisition and resettlement: An investigation on Zhejiang's 901 administrative litigation cases. *Habitat International*, **2017**, 63, 79-88	4.6	11
35	Effects of Social Network on Human Capital of Land-Lost Farmers: A Study in Zhejiang Province. *Social Indicators Research*, **2018**, 137, 167-187	2.7	11
34	Investigating Social Welfare Change in Urban Village Transformation: A Rural Migrant Perspective. *Social Indicators Research*, **2018**, 139, 723-743	2.7	9
33	Reprint of: Uncertainty analysis for measuring greenhouse gas emissions in the building construction phase: a case study in China. *Journal of Cleaner Production*, **2017**, 163, S420-S432	10.3	8
32	Entrepreneurship and Intervention Strategies of Land-Lost Farmers in Urbanization Process of Zhejiang Province. *Public Personnel Management*, **2016**, 45, 37-57	1.9	8
31	Risks of Developing Concentrated Rural Settlement after the Wenchuan Earthquake in China. *Sustainability*, **2018**, 10, 1569	3.6	8
30	Case-based insights into rework costs of residential building projects in China. *International Journal of Construction Management*, **2020**, 20, 347-355	1.9	8
29	Grain Output and Cultivated Land Preservation: Assessment of the Rewarded Land Conversion Quotas Trading Policy in China's Zhejiang Province. *Sustainability*, **2016**, 8, 821	3.6	6
28	An Alternative Model to Determine the Financing Structure of PPP-Based Young Graduate Apartments in China: A Case Study of Hangzhou. *Sustainability*, **2015**, 7, 5720-5734	3.6	6
27	Recovery evaluation of villages reconstructed with concentrated rural settlement after the Wenchuan earthquake. *Natural Hazards*, **2020**, 104, 139-166	3	6
26	An integrative method for analyzing spatial accessibility in the hierarchical diagnosis and treatment system in China. *Social Science and Medicine*, **2021**, 270, 113656	5.1	6
25	How Can Post-Disaster Recovery Plans Be Improved Based on Historical Learning? A Comparison of Wenchuan Earthquake and Lushan Earthquake Recovery Plans. *Sustainability*, **2019**, 11, 4811	3.6	5
24	Conflicts Induced by Different Responses to Land Expropriation Among the Farmers Involved During Urbanization in China. *Jasss*, **2019**, 22,	4.8	5
23	Land-Acquisition and Resettlement (LAR) Conflicts: A Perspective of Spatial Injustice of Urban Public Resources Allocation. *Sustainability*, **2018**, 10, 884	3.6	4

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22	Impacts of land expropriation on the entrepreneurial decision-making behavior of land-lost peasants: An agent-based simulation. *Habitat International*, **2020**, 95, 102096	4.6	4
21	An optimization-based framework for housing subsidy policy in China: Theory and practice of housing vouchers. *Land Use Policy*, **2020**, 94, 104526	5.6	3
20	Which Factors Affect Landless Peasants Intention for Entrepreneurship? A Case Study in the South of the Yangtze River Delta, China. *Sustainability*, **2017**, 9, 1158	3.6	3
19	Risk Factors of Building Apartments for University Talent through the Agent Construction Mode in China: Interrelationship and Prioritization. *Sustainability*, **2016**, 8, 325	3.6	3
18	The Fusion of GIS and Building Information Modeling for Big Data Analytics in Managing Development Sites **2018**, 345-359		2
17	Core competitiveness indicators: a study of real estate developers in China. *Facilities*, **2010**, 28, 526-541	2.2	2
16	BIG DATA IN CONSTRUCTION WASTE MANAGEMENT: PROSPECTS AND CHALLENGES. *Detritus*, **2018**, In Press, 1	0.9	2
15	An Investigation of the Latent Barriers to BIM Adoption and Development **2017**, 1007-1017		2
14	Measuring the Degree of Rural Victims Satisfaction with Concentrated Rural Settlement in Post-disaster Reconstruction in China: A Conceptual Model **2014**, 49-57		1
13	Behavior of Rural Victims and Local Government during Post-Disaster Reconstruction: Agent-Based Simulation. *Natural Hazards Review*, **2021**, 22, 04021051	3.5	1
12	Key Elements of Attentions for Enhancing Urban Resilience: A Comparison of Singapore, Hong Kong and Hangzhou. *Buildings*, **2022**, 12, 340	3.2	1
11	High school students trust and risk perception of typhoon disaster: Moderating role of government ability in disaster management. *International Journal of Disaster Risk Reduction*, **2022**, 71, 102816	4.5	0
10	Occupational noise-related perception and personal protection behavior among Chinese construction workers. *Safety Science*, **2022**, 147, 105629	5.8	0
9	Analysis of an Urban Development Boundary Policy in China Based on the IAD Framework. *Land*, **2021**, 10, 855	3.5	0
8	Key factors influencing household asset allocation of relocated households: A case study of Hangzhou. *Habitat International*, **2022**, 124, 102562	4.6	0
7	The Experiences for Post-disaster Reconstruction in Rural China: The Implications from Data Mining **2017**, 417-423		
6	CAIs for Measuring Benefits of Rural Infrastructure Investment in China. *Applied Mechanics and Materials*, **2011**, 71-78, 51-55	0.3	
5	A Preliminary Study on the Framework and Technologies for Bridging BIM and Building **2015**, 1091-1099		