Yi Peng

List of Publications by Year
in descending order

76 papers	3,212 citations	147801 31 h-index	155660 55 g-index
77 all docs	77 docs citations	77 times ranked	2265 citing authors

#	ARTICLE	IF	CITATIONS
1	Prefabricated construction enabled by the Internet-of-Things. Automation in Construction, 2017, 76, 59-70.	9.8	290
2	Cultivated land protection policies in China facing 2030: Dynamic balance system versus basic farmland zoning. Habitat International, 2017, 69, 126-138.	5.8	213
3	Exploring the challenges to industrialized residential building in China. Habitat International, 2014, 41, 176-184.	5.8	171
4	Bridging BIM and building: From a literature review to an integrated conceptual framework. International Journal of Project Management, 2015, 33, 1405-1416.	5.6	168
5	An alternative model for evaluating sustainable urbanization. Cities, 2012, 29, 32-39.	5.6	131
6	Smart city with Chinese characteristics against the background of big data: Idea, action and risk. Journal of Cleaner Production, 2018, 173, 60-66.	9.3	120
7	Benchmarking construction waste management performance using big data. Resources, Conservation and Recycling, 2015, 105, 49-58.	10.8	114
8	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.	6.9	99
9	An alternative model for measuring the sustainability of urban regeneration: the way forward. Journal of Cleaner Production, 2015, 109, 76-83.	9.3	92
10	Critical risk factors affecting the implementation of PPP waste-to-energy projects in China. Applied Energy, 2015, 158, 403-411.	10.1	92
11	Industrial land development in urban villages in China: A property rights perspective. Habitat International, 2014, 41, 185-194.	5.8	90
12	A game theory based analysis of decision making for green retrofit under different occupancy types. Journal of Cleaner Production, 2016, 137, 1300-1312.	9.3	90
13	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	89
14	Data mining in the construction industry: Present status, opportunities, and future trends. Automation in Construction, 2020, 119, 103331.	9.8	83
15	Estimating and calibrating the amount of building-related construction and demolition waste in urban China. International Journal of Construction Management, 2017, 17, 13-24.	3.2	81
16	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.	9.3	77
17	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.	3.8	74
18	Effect of land expropriation on land-lost farmers' entrepreneurial action: A case study of Zhejiang Province. Habitat International, 2016, 53, 342-349.	5.8	72

#	Article	IF	Citations
19	Stakeholders' willingness to pay for enhanced construction waste management: A Hong Kong study. Renewable and Sustainable Energy Reviews, 2015, 47, 233-240.	16.4	62
20	Farmers' risk perception of concentrated rural settlement development after the 5.12 Sichuan Earthquake. Habitat International, 2018, 71, 169-176.	5.8	54
21	A comparison of two approaches to develop concentrated rural settlements after the 5.12 Sichuan Earthquake in China. Habitat International, 2015, 49, 230-242.	5.8	52
22	The S-curve for forecasting waste generation in construction projects. Waste Management, 2016, 56, 23-34.	7.4	51
23	Critical determinant factors (CDFs) for developing concentrated rural settlement in post-disaster reconstruction: a China study. Natural Hazards, 2013, 66, 355-373.	3.4	50
24	The effects of green building on construction waste minimization: Triangulating 'big data' with 'thick data'. Waste Management, 2018, 79, 142-152.	7.4	49
25	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	47
26	Market-driven land nationalization in China: A new system for the capitalization of rural homesteads. Land Use Policy, 2018, 70, 559-569.	5.6	47
27	Critical Assessment Indicators for Measuring Benefits of Rural Infrastructure Investment in China. Journal of Infrastructure Systems, 2011, 17, 176-183.	1.8	46
28	A generic decision model for developing concentrated rural settlement in post-disaster reconstruction: a China study. Natural Hazards, 2014, 71, 611-637.	3.4	42
29	The feasibility of concentrated rural settlement in a context of post-disaster reconstruction: a study of China. Disasters, 2014, 38, 108-124.	2.2	36
30	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.	5.6	35
31	Development priority zoning (DPZ)-led scenario simulation for regional land use change: The case of Suichang County, China. Habitat International, 2012, 36, 268-277.	5.8	31
32	Economic benefit analysis of joint operation of cascaded reservoirs. Journal of Cleaner Production, 2018, 179, 731-737.	9.3	31
33	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	29
34	An integrative method for analyzing spatial accessibility in the hierarchical diagnosis and treatment system in China. Social Science and Medicine, 2021, 270, 113656.	3.8	28
35	Analysis of farmers' satisfaction towards concentrated rural settlement development after the Wenchuan earthquake. International Journal of Disaster Risk Reduction, 2018, 31, 160-169.	3.9	27
36	Towards Physical Internet-enabled Prefabricated Housing Construction in Hong Kong. IFAC-PapersOnLine, 2015, 48, 1079-1086.	0.9	26

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37	Demystifying Construction Project Time–Effort Distribution Curves: BIM and Non-BIM Comparison. Journal of Management in Engineering - ASCE, 2015, 31, .	4.8	24
38	Transformation towards resilient sponge cities in China. Nature Reviews Earth & Environment, 2022, 3, 99-101.	29.7	24
39	Embodied agricultural water use in China from 1997 to 2010. Journal of Cleaner Production, 2016, 112, 3176-3184.	9.3	23
40	Conspicuous consumption behavior of land-lost farmers: A perspective of social identity. Cities, 2017, 66, 81-90.	5.6	20
41	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	17
42	Case-based insights into rework costs of residential building projects in China. International Journal of Construction Management, 2020, 20, 347-355.	3.2	16
43	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.	5.8	15
44	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.	3.2	15
45	Investigating Social Welfare Change in Urban Village Transformation: A Rural Migrant Perspective. Social Indicators Research, 2018, 139, 723-743.	2.7	15
46	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.	9.3	14
47	Recovery evaluation of villages reconstructed with concentrated rural settlement after the Wenchuan earthquake. Natural Hazards, 2020, 104, 139-166.	3.4	13
48	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.	3.2	11
49	Entrepreneurship and Intervention Strategies of Land-Lost Farmers in Urbanization Process of Zhejiang Province. Public Personnel Management, 2016, 45, 37-57.	2.9	10
50	Impacts of land expropriation on the entrepreneurial decision-making behavior of land-lost peasants: An agent-based simulation. Habitat International, 2020, 95, 102096.	5.8	10
51	Grain Output and Cultivated Land Preservation: Assessment of the Rewarded Land Conversion Quotas Trading Policy in China's Zhejiang Province. Sustainability, 2016, 8, 821.	3.2	9
52	Occupational noise-related perception and personal protection behavior among Chinese construction workers. Safety Science, 2022, 147, 105629.	4.9	9
53	Risks of Developing Concentrated Rural Settlement after the Wenchuan Earthquake in China. Sustainability, 2018, 10, 1569.	3.2	8
54	An optimization-based framework for housing subsidy policy in China: Theory and practice of housing vouchers. Land Use Policy, 2020, 94, 104526.	5.6	8

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55	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.	3.2	7
56	Conflicts Induced by Different Responses to Land Expropriation Among the Farmers Involved During Urbanization in China. Jasss, 2019, 22, .	1.8	6
57	Core competitiveness indicators: a study of real estate developers in China. Facilities, 2010, 28, 526-541.	1.6	5
58	Analysis of an Urban Development Boundary Policy in China Based on the IAD Framework. Land, 2021, 10, 855.	2.9	5
59	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.	3.9	5
60	Key Elements of Attentions for Enhancing Urban Resilience: A Comparison of Singapore, Hong Kong and Hangzhou. Buildings, 2022, 12, 340.	3.1	5
61	Risk Factors of Building Apartments for University Talent through the Agent Construction Mode in China: Interrelationship and Prioritization. Sustainability, 2016, 8, 325.	3.2	4
62	Which Factors Affect Landless Peasants' Intention for Entrepreneurship? A Case Study in the South of the Yangtze River Delta, China. Sustainability, 2017, 9, 1158.	3.2	4
63	Land-Acquisition and Resettlement (LAR) Conflicts: A Perspective of Spatial Injustice of Urban Public Resources Allocation. Sustainability, 2018, 10, 884.	3.2	4
64	Behavior of Rural Victims and Local Government during Post-Disaster Reconstruction: Agent-Based Simulation. Natural Hazards Review, 2021, 22, .	1.5	4
65	The Fusion of GIS and Building Information Modeling for Big Data Analytics in Managing Development Sites. , 2018, , 345-359.		3
66	BIG DATA IN CONSTRUCTION WASTE MANAGEMENT: PROSPECTS AND CHALLENGES. Detritus, 2018, In Press, 1.	0.9	3
67	Role of the Built Environment in the Recovery From COVID-19: Evidence From a GIS-Based Natural Experiment on the City Blocks in Wuhan, China. Frontiers in Built Environment, 2022, 7, .	2.3	2
68	Key factors influencing household asset allocation of relocated households: A case study of Hangzhou. Habitat International, 2022, 124, 102562.	5.8	2
69	Measuring the Degree of Rural Victims' Satisfaction with Concentrated Rural Settlement in Post-disaster Reconstruction in China: A Conceptual Model. , 2014, , 49-57.		1
70	CAIs for Measuring Benefits of Rural Infrastructure Investment in China. Applied Mechanics and Materials, 0, 71-78, 51-55.	0.2	0
71	The Experiences for Post-disaster Reconstruction in Rural China: The Implications from Data Mining. , 2017, , 417-423.		0
72	Sustainability Assessment for Rural Community Generated from Land Consolidation: A Case Study in China. , 2021, , 1157-1171.		0

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73	Typhoon Risk Perception and Positive Coping Behaviors of Middle School Students in Ningbo City. , 2021, , 1347-1360.		0
74	Impacts of Land Expropriation on the Entrepreneurial Decision-Making Behavior of Land-Lost Peasants: An Agent-Based Simulation. , 2021, , 251-268.		0
75	A Preliminary Study on the Framework and Technologies for Bridging BIM and Building. , 2015, , 1091-1099.		0
76	Advantages of Agent Construction in Building University Talent Apartments in China. , 2017, , 1329-1335.		0