

Yongtao Tan

List of Publications by Year in descending order

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74
papers

3,207
citations

147726

31
h-index

155592

55
g-index

75
all docs

75
docs citations

75
times ranked

2476
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a more extensive application of off-site construction: a technological review. <i>International Journal of Construction Management</i> , 2022, 22, 2154-2165.	2.2	19
2	Factors influencing homeownersâ€™ housing renovation decision-making: Towards a holistic understanding. <i>Energy and Buildings</i> , 2022, 254, 111568.	3.1	18
3	Sustainable international competitiveness of regional construction industry: Spatiotemporal evolution and influential factor analysis in China. <i>Journal of Cleaner Production</i> , 2022, 337, 130592.	4.6	8
4	Comprehensive Resilience Assessment of Complex Urban Public Spaces: A Perspective of Promoting Sustainability. <i>Land</i> , 2022, 11, 842.	1.2	0
5	A systematic review of green construction research using scientometrics methods. <i>Journal of Cleaner Production</i> , 2022, 366, 132710.	4.6	16
6	Exploring a body of knowledge for promoting the sustainable transition to prefabricated construction. <i>Engineering, Construction and Architectural Management</i> , 2021, 28, 2637-2666.	1.8	25
7	Emerging evolution trends of studies on age-friendly cities and communities: a scientometric review. <i>Ageing and Society</i> , 2021, 41, 2814-2844.	1.2	8
8	A systematic overview of prefabricated construction policies in China. <i>Journal of Cleaner Production</i> , 2021, 280, 124371.	4.6	77
9	A Scientometric Review of Urban Disaster Resilience Research. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3677.	1.2	20
10	Knowledge Mapping of Homeownersâ€™ Retrofit Behaviors: An Integrative Exploration. <i>Buildings</i> , 2021, 11, 273.	1.4	6
11	Construction Cost and Carbon Emission Assessment of a Highway Constructionâ€”A Case towards Sustainable Transportation. <i>Sustainability</i> , 2021, 13, 7854.	1.6	12
12	An empirical study of green retrofit technologies and policies for aged residential buildings in Hong Kong. <i>Journal of Building Engineering</i> , 2021, 39, 102271.	1.6	15
13	Literature Review of Digital Twins Applications in Construction Workforce Safety. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 339.	1.3	100
14	OUP accepted manuscript. <i>Gerontologist, The</i> , 2021, , .	2.3	1
15	Evaluating the regional social sustainability contribution of publicâ€”private partnerships in China: The development of an indicator system. <i>Sustainable Development</i> , 2020, 28, 259-278.	6.9	20
16	A study of sustainable practices in the sustainability leadership of international contractors. <i>Sustainable Development</i> , 2020, 28, 697-710.	6.9	18
17	China's policies of building green retrofit: A state-of-the-art overview. <i>Building and Environment</i> , 2020, 169, 106554.	3.0	63
18	Understanding stakeholders' concerns of age-friendly communities at the briefing stage: a preliminary study in urban China. <i>Engineering, Construction and Architectural Management</i> , 2020, 28, 31-54.	1.8	9

#	ARTICLE	IF	CITATIONS
19	Building green retrofit in China: Policies, barriers and recommendations. Energy Policy, 2020, 139, 111356.	4.2	91
20	A Multi-agent Platform to Inform Strategies for Briefing Age-Friendly Communities in Urban China. Environmental Science and Engineering, 2020, , 181-193.	0.1	1
21	Sustainability Leaders in Construction Industry: A Preliminary Study. , 2020, , .		0
22	A three-step strategy for decoupling economic growth from carbon emission: Empirical evidences from 133 countries. Science of the Total Environment, 2019, 646, 524-543.	3.9	162
23	An alternative model for evaluating the balance of carrying capacity between functional urban infrastructures. Environmental Impact Assessment Review, 2019, 79, 106304.	4.4	32
24	Case-based reasoning approach for supporting building green retrofit decisions. Building and Environment, 2019, 160, 106210.	3.0	41
25	Mapping the knowledge roadmap of low carbon building: A scientometric analysis. Energy and Buildings, 2019, 194, 163-176.	3.1	56
26	Characterization of Urban Subway Microenvironment Exposure”  A Case of Nanjing in China. International Journal of Environmental Research and Public Health, 2019, 16, 625.	1.2	24
27	Senior citizensâ€™ requirements of services provided by community-based care facilities: a China study. Facilities, 2019, 38, 52-71.	0.8	7
28	Is the lowâ€™carbon economy efficient in terms of sustainable development? A global perspective. Sustainable Development, 2019, 27, 130-152.	6.9	57
29	How is the environmental efficiency in the process of dramatic economic development in the Chinese cities?. Ecological Indicators, 2019, 98, 349-362.	2.6	83
30	Identifying the key impact factors of carbon emission in China: Results from a largely expanded pool of potential impact factors. Journal of Cleaner Production, 2018, 175, 612-623.	4.6	157
31	High-Risk Nodes Determination for the Urban Rail Transit Station. , 2018, , .		0
32	Decision-Making in Green Building Investment Based on Integrating AHP and COPRAS-Gray Approach. , 2018, , .		1
33	Critical Success Factors (CSFs) for the Adaptive Reuse of Industrial Buildings in Hong Kong. International Journal of Environmental Research and Public Health, 2018, 15, 1546.	1.2	36
34	Mapping Global Research on the Construction Industrialization. , 2018, , .		0
35	Regional suitability of climate-responsive technologies for buildings based on expert knowledge: A China study. Journal of Cleaner Production, 2018, 204, 158-168.	4.6	13
36	Green retrofit of aged residential buildings in Hong Kong: A preliminary study. Building and Environment, 2018, 143, 89-98.	3.0	68

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37	A system dynamics model for simulating urban sustainability performance: A China case study. Journal of Cleaner Production, 2018, 199, 1107-1115.	4.6	97
38	Review of Green Retrofit Technologies and Policies for Aged Residential Buildings in Hong Kong. , 2018, , .		2
39	Adaptive neuro-fuzzy inference system approach for urban sustainability assessment: A China case study. Sustainable Development, 2018, 26, 749-764.	6.9	11
40	Learning from best practices in sustainable urbanization. Habitat International, 2018, 78, 83-95.	2.3	54
41	An Alternative Model for Regional Sustainability Evaluation: A Case Study of Chongqing. , 2018, , 175-184.		0
42	A Literature Review of Sustainable Urbanization in China. , 2018, , 89-96.		2
43	Relationships between Main Contractors and Subcontractors and Their Impacts on Main Contractor Competitiveness: An Empirical Study in Hong Kong. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	2.0	50
44	A study of best practices in promoting sustainable urbanization in China. Journal of Environmental Management, 2017, 193, 8-18.	3.8	40
45	An adaptive neuro-fuzzy inference system (ANFIS) approach for measuring country sustainability performance. Environmental Impact Assessment Review, 2017, 65, 29-40.	4.4	73
46	An examination of factors affecting healthy building: An empirical study in east China. Journal of Cleaner Production, 2017, 162, 1266-1274.	4.6	23
47	Dynamic sustainability performance during urbanization process between BRICS countries. Habitat International, 2017, 60, 19-33.	2.3	99
48	The turning points of carbon Kuznets curve: Evidences from panel and time-series data of 164 countries. Journal of Cleaner Production, 2017, 162, 1031-1047.	4.6	97
49	FORECASTING PROPERTY PRICE INDICES IN HONG KONG BASED ON GREY MODELS. International Journal of Strategic Property Management, 2017, 21, 256-272.	0.8	7
50	Identifying key impact factors on carbon emission: Evidences from panel and time-series data of 125 countries from 1990 to 2011. Applied Energy, 2017, 187, 310-325.	5.1	289
51	A Model of Micro-Environmental Healthy Vulnerability in Urban Subway Systems. , 2017, , .		2
52	Measuring Crowdedness between Adjacent Stations in an Urban Metro System: a Chinese Case Study. Sustainability, 2017, 9, 2325.	1.6	13
53	Critical Factors Affecting the Quality of Industrialized Building System Projects in China. Sustainability, 2017, 9, 216.	1.6	44
54	A Study of Climate-Responsive Building Technologies in Different Climate Regions of China. , 2017, , 1111-1121.		1

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55	Critical Factors for the Resilience of Complex Urban Public Spaces. , 2017, , .		0
56	A Global Perspective on the Sustainable Performance of Urbanization. Sustainability, 2016, 8, 783.	1.6	67
57	Sustainable urbanization in China: A comprehensive literature review. Cities, 2016, 55, 82-93.	2.7	195
58	Grey Forecasting of Construction Demand in Hong Kong over the Next Ten Years. International Journal of Construction Management, 2015, 15, 219-228.	2.2	13
59	An empirical study on the relationship between sustainability performance and business competitiveness of international construction contractors. Journal of Cleaner Production, 2015, 93, 273-278.	4.6	80
60	Critical success factors for building maintenance business: a Hong Kong case study. Facilities, 2014, 32, 208-225.	0.8	40
61	A FUZZY APPROACH FOR ADAPTIVE REUSE SELECTION OF INDUSTRIAL BUILDINGS IN HONG KONG. International Journal of Strategic Property Management, 2014, 18, 66-76.	0.8	45
62	A casual relationship between building maintenance market and GDP: Hong Kong study. Journal of Facilities Management, 2012, 10, 241-251.	1.0	9
63	Competition Environment, Strategy, and Performance in the Hong Kong Construction Industry. Journal of Construction Engineering and Management - ASCE, 2012, 138, 352-360.	2.0	41
64	AN ALTERNATIVE APPROACH OF COMPETITIVENESS EVALUATION FOR REAL ESTATE DEVELOPERS / NEKILNOJAMOJO TURTO PLÄ–TOTOJÅ ² KONKURENCINGUMO Ä®VERTINIMO ALTERNATYVUS BÄ®DAS. International Journal of Strategic Property Management, 2011, 15, 10-25.	0.8	8
65	A fuzzy approach for assessing contractors' competitiveness. Engineering, Construction and Architectural Management, 2011, 18, 234-247.	1.8	13
66	Sustainable construction practice and contractors' competitiveness: A preliminary study. Habitat International, 2011, 35, 225-230.	2.3	228
67	Comparing the value of information sharing under different inventory policies in construction supply chain. International Journal of Project Management, 2011, 29, 867-876.	2.7	41
68	Simulating the impacts of policy scenarios on the sustainability performance of infrastructure projects. Automation in Construction, 2011, 20, 1060-1069.	4.8	111
69	A fuzzy competence requirement (FCR) model for competitive bidding strategy. Construction Innovation, 2010, 10, 75-88.	1.5	6
70	Contractors' Competition Strategies in Bidding: Hong Kong Study. Journal of Construction Engineering and Management - ASCE, 2010, 136, 1069-1077.	2.0	32
71	Response strategies to the competition in the Chinese construction market. Construction Management and Economics, 2010, 28, 115-124.	1.8	11
72	Construction project selection using fuzzy TOPSIS approach. Journal of Modelling in Management, 2010, 5, 302-315.	1.1	63

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73	Multiple-objective bidding strategy using goal programming technique. Management Decision, 2008, 46, 656-672.	2.2	18
74	An examination of the factors affecting contractors' competition strategy: a Hong Kong study. International Journal of Project Organisation and Management, 2008, 1, 4.	0.0	18