

# 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	Identifying key impact factors on carbon emission: Evidences from panel and time-series data of 125 countries from 1990 to 2011. <i>Applied Energy</i> , 2017, 187, 310-325.	5.1	289
2	Sustainable construction practice and contractors' competitiveness: A preliminary study. <i>Habitat International</i> , 2011, 35, 225-230.	2.3	228
3	Sustainable urbanization in China: A comprehensive literature review. <i>Cities</i> , 2016, 55, 82-93.	2.7	195
4	A three-step strategy for decoupling economic growth from carbon emission: Empirical evidences from 133 countries. <i>Science of the Total Environment</i> , 2019, 646, 524-543.	3.9	162
5	Identifying the key impact factors of carbon emission in China: Results from a largely expanded pool of potential impact factors. <i>Journal of Cleaner Production</i> , 2018, 175, 612-623.	4.6	157
6	Simulating the impacts of policy scenarios on the sustainability performance of infrastructure projects. <i>Automation in Construction</i> , 2011, 20, 1060-1069.	4.8	111
7	Literature Review of Digital Twins Applications in Construction Workforce Safety. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 339.	1.3	100
8	Dynamic sustainability performance during urbanization process between BRICS countries. <i>Habitat International</i> , 2017, 60, 19-33.	2.3	99
9	The turning points of carbon Kuznets curve: Evidences from panel and time-series data of 164 countries. <i>Journal of Cleaner Production</i> , 2017, 162, 1031-1047.	4.6	97
10	A system dynamics model for simulating urban sustainability performance: A China case study. <i>Journal of Cleaner Production</i> , 2018, 199, 1107-1115.	4.6	97
11	Building green retrofit in China: Policies, barriers and recommendations. <i>Energy Policy</i> , 2020, 139, 111356.	4.2	91
12	How is the environmental efficiency in the process of dramatic economic development in the Chinese cities?. <i>Ecological Indicators</i> , 2019, 98, 349-362.	2.6	83
13	An empirical study on the relationship between sustainability performance and business competitiveness of international construction contractors. <i>Journal of Cleaner Production</i> , 2015, 93, 273-278.	4.6	80
14	A systematic overview of prefabricated construction policies in China. <i>Journal of Cleaner Production</i> , 2021, 280, 124371.	4.6	77
15	An adaptive neuro-fuzzy inference system (ANFIS) approach for measuring country sustainability performance. <i>Environmental Impact Assessment Review</i> , 2017, 65, 29-40.	4.4	73
16	Green retrofit of aged residential buildings in Hong Kong: A preliminary study. <i>Building and Environment</i> , 2018, 143, 89-98.	3.0	68
17	A Global Perspective on the Sustainable Performance of Urbanization. <i>Sustainability</i> , 2016, 8, 783.	1.6	67
18	Construction project selection using fuzzy TOPSIS approach. <i>Journal of Modelling in Management</i> , 2010, 5, 302-315.	1.1	63

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19	China's policies of building green retrofit: A state-of-the-art overview. <i>Building and Environment</i> , 2020, 169, 106554.	3.0	63
20	Is the low-carbon economy efficient in terms of sustainable development? A global perspective. <i>Sustainable Development</i> , 2019, 27, 130-152.	6.9	57
21	Mapping the knowledge roadmap of low carbon building: A scientometric analysis. <i>Energy and Buildings</i> , 2019, 194, 163-176.	3.1	56
22	Learning from best practices in sustainable urbanization. <i>Habitat International</i> , 2018, 78, 83-95.	2.3	54
23	Relationships between Main Contractors and Subcontractors and Their Impacts on Main Contractor Competitiveness: An Empirical Study in Hong Kong. <i>Journal of Construction Engineering and Management - ASCE</i> , 2017, 143, .	2.0	50
24	A FUZZY APPROACH FOR ADAPTIVE REUSE SELECTION OF INDUSTRIAL BUILDINGS IN HONG KONG. <i>International Journal of Strategic Property Management</i> , 2014, 18, 66-76.	0.8	45
25	Critical Factors Affecting the Quality of Industrialized Building System Projects in China. <i>Sustainability</i> , 2017, 9, 216.	1.6	44
26	Comparing the value of information sharing under different inventory policies in construction supply chain. <i>International Journal of Project Management</i> , 2011, 29, 867-876.	2.7	41
27	Competition Environment, Strategy, and Performance in the Hong Kong Construction Industry. <i>Journal of Construction Engineering and Management - ASCE</i> , 2012, 138, 352-360.	2.0	41
28	Case-based reasoning approach for supporting building green retrofit decisions. <i>Building and Environment</i> , 2019, 160, 106210.	3.0	41
29	Critical success factors for building maintenance business: a Hong Kong case study. <i>Facilities</i> , 2014, 32, 208-225.	0.8	40
30	A study of best practices in promoting sustainable urbanization in China. <i>Journal of Environmental Management</i> , 2017, 193, 8-18.	3.8	40
31	Critical Success Factors (CSFs) for the Adaptive Reuse of Industrial Buildings in Hong Kong. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1546.	1.2	36
32	Contractors' Competition Strategies in Bidding: Hong Kong Study. <i>Journal of Construction Engineering and Management - ASCE</i> , 2010, 136, 1069-1077.	2.0	32
33	An alternative model for evaluating the balance of carrying capacity between functional urban infrastructures. <i>Environmental Impact Assessment Review</i> , 2019, 79, 106304.	4.4	32
34	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
35	Characterization of Urban Subway Microenvironment Exposure; A Case of Nanjing in China; <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 625.	1.2	24
36	An examination of factors affecting healthy building: An empirical study in east China. <i>Journal of Cleaner Production</i> , 2017, 162, 1266-1274.	4.6	23

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37	Evaluating the regional social sustainability contribution of public-private partnerships in China: The development of an indicator system. <i>Sustainable Development</i> , 2020, 28, 259-278.	6.9	20
38	A Scientometric Review of Urban Disaster Resilience Research. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3677.	1.2	20
39	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
40	Multiple-objective bidding strategy using goal programming technique. <i>Management Decision</i> , 2008, 46, 656-672.	2.2	18
41	An examination of the factors affecting contractors' competition strategy: a Hong Kong study. <i>International Journal of Project Organisation and Management</i> , 2008, 1, 4.	0.0	18
42	A study of sustainable practices in the sustainability leadership of international contractors. <i>Sustainable Development</i> , 2020, 28, 697-710.	6.9	18
43	Factors influencing homeowners' housing renovation decision-making: Towards a holistic understanding. <i>Energy and Buildings</i> , 2022, 254, 111568.	3.1	18
44	A systematic review of green construction research using scientometrics methods. <i>Journal of Cleaner Production</i> , 2022, 366, 132710.	4.6	16
45	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
46	A fuzzy approach for assessing contractors' competitiveness. <i>Engineering, Construction and Architectural Management</i> , 2011, 18, 234-247.	1.8	13
47	Grey Forecasting of Construction Demand in Hong Kong over the Next Ten Years. <i>International Journal of Construction Management</i> , 2015, 15, 219-228.	2.2	13
48	Measuring Crowdedness between Adjacent Stations in an Urban Metro System: a Chinese Case Study. <i>Sustainability</i> , 2017, 9, 2325.	1.6	13
49	Regional suitability of climate-responsive technologies for buildings based on expert knowledge: A China study. <i>Journal of Cleaner Production</i> , 2018, 204, 158-168.	4.6	13
50	Construction Cost and Carbon Emission Assessment of a Highway Construction—A Case towards Sustainable Transportation. <i>Sustainability</i> , 2021, 13, 7854.	1.6	12
51	Response strategies to the competition in the Chinese construction market. <i>Construction Management and Economics</i> , 2010, 28, 115-124.	1.8	11
52	Adaptive neuro-fuzzy inference system approach for urban sustainability assessment: A China case study. <i>Sustainable Development</i> , 2018, 26, 749-764.	6.9	11
53	A casual relationship between building maintenance market and GDP: Hong Kong study. <i>Journal of Facilities Management</i> , 2012, 10, 241-251.	1.0	9
54	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

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55	AN ALTERNATIVE APPROACH OF COMPETITIVENESS EVALUATION FOR REAL ESTATE DEVELOPERS / NEKILNOJAMOJO TURTO PLÄ–TOTOJÄ <sup>2</sup> KONKURENCINGUMO Ä©VERTINIMO ALTERNATYVUS BÄ®DAS. International Journal of Strategic Property Management, 2011, 15, 10-25.	0.8	8
56	Emerging evolution trends of studies on age-friendly cities and communities: a scientometric review. Ageing and Society, 2021, 41, 2814-2844.	1.2	8
57	Sustainable international competitiveness of regional construction industry: Spatiotemporal evolution and influential factor analysis in China. Journal of Cleaner Production, 2022, 337, 130592.	4.6	8
58	FORECASTING PROPERTY PRICE INDICES IN HONG KONG BASED ON GREY MODELS. International Journal of Strategic Property Management, 2017, 21, 256-272.	0.8	7
59	Senior citizensâ€™ requirements of services provided by community-based care facilities: a China study. Facilities, 2019, 38, 52-71.	0.8	7
60	A fuzzy competence requirement (FCR) model for competitive bidding strategy. Construction Innovation, 2010, 10, 75-88.	1.5	6
61	Knowledge Mapping of Homeownersâ€™ Retrofit Behaviors: An Integrative Exploration. Buildings, 2021, 11, 273.	1.4	6
62	A Model of Micro-Environmental Healthy Vulnerability in Urban Subway Systems. , 2017, , .		2
63	Review of Green Retrofit Technologies and Policies for Aged Residential Buildings in Hong Kong. , 2018, , .		2
64	A Literature Review of Sustainable Urbanization in China. , 2018, , 89-96.		2
65	Decision-Making in Green Building Investment Based on Integrating AHP and COPRAS-Gray Approach. , 2018, , .		1
66	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
67	OUP accepted manuscript. Gerontologist, The, 2021, , .	2.3	1
68	A Study of Climate-Responsive Building Technologies in Different Climate Regions of China. , 2017, , 1111-1121.		1
69	High-Risk Nodes Determination for the Urban Rail Transit Station. , 2018, , .		0
70	Mapping Global Research on the Construction Industrialization. , 2018, , .		0
71	Critical Factors for the Resilience of Complex Urban Public Spaces. , 2017, , .		0
72	An Alternative Model for Regional Sustainability Evaluation: A Case Study of Chongqing. , 2018, , 175-184.		0

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73	Sustainability Leaders in Construction Industry: A Preliminary Study. , 2020, , .		0
74	Comprehensive Resilience Assessment of Complex Urban Public Spaces: A Perspective of Promoting Sustainability. Land, 2022, 11, 842.	1.2	0