

Shang Gao

List of Publications by Year in descending order

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34
papers

1,002
citations

516215

16
h-index

454577

30
g-index

35
all docs

35
docs citations

35
times ranked

736
citing authors

#	ARTICLE	IF	CITATIONS
1	A holistic review of off-site construction literature published between 2008 and 2018. <i>Journal of Cleaner Production</i> , 2018, 202, 1202-1219.	4.6	238
2	Soft skills of construction project management professionals and project success factors. <i>Engineering, Construction and Architectural Management</i> , 2018, 25, 425-442.	1.8	92
3	Design for manufacture and assembly in construction: a review. <i>Building Research and Information</i> , 2020, 48, 538-550.	2.0	81
4	Bridging Western management theories and Japanese management practices: case of the Toyota Way model. <i>Emerald Emerging Markets Case Studies</i> , 2011, 1, 1-20.	0.1	58
5	Comparative study of project management and critical success factors of greening new and existing buildings in Singapore. <i>Structural Survey</i> , 2014, 32, 413-433.	1.0	58
6	Design for manufacturing and assembly (DfMA): a preliminary study of factors influencing its adoption in Singapore. <i>Architectural Engineering and Design Management</i> , 2018, 14, 440-456.	1.2	54
7	The Last Planner System in China's construction industry – A SWOT analysis on implementation. <i>International Journal of Project Management</i> , 2014, 32, 1260-1272.	2.7	52
8	The Toyota Way model: an alternative framework for lean construction. <i>Total Quality Management and Business Excellence</i> , 2014, 25, 664-682.	2.4	43
9	Construction-Oriented Design for Manufacture and Assembly Guidelines. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020, 146, .	2.0	43
10	Design for manufacture and assembly (DfMA) in construction: the old and the new. <i>Architectural Engineering and Design Management</i> , 2021, 17, 77-91.	1.2	35
11	Future-ready project and facility management graduates in Singapore for industry 4.0. <i>Engineering, Construction and Architectural Management</i> , 2021, 28, 270-290.	1.8	34
12	Lean Construction Management. , 2014, , .		33
13	Understanding the application of <i>Kaizen</i> methods in construction firms in China. <i>Journal of Technology Management in China</i> , 2013, 8, 18-33.	0.2	29
14	Toyota Way style human resource management in large Chinese construction firms: A qualitative study. <i>International Journal of Construction Management</i> , 2015, 15, 17-32.	2.2	24
15	Strategies and measures for implementing eco-labelling schemes in Singapore's construction industry. <i>Resources, Conservation and Recycling</i> , 2014, 89, 31-40.	5.3	23
16	Converging early contractor involvement (ECI) and lean construction practices for productivity enhancement. <i>International Journal of Productivity and Performance Management</i> , 2015, 64, 831-852.	2.2	22
17	Critical Factors Influencing the Sustainable Construction Capability in Prefabrication of Chinese Construction Enterprises. <i>Sustainability</i> , 2020, 12, 8996.	1.6	17
18	Drivers and barriers for multiskilling workers in the Singapore construction industry. <i>International Journal of Construction Management</i> , 2020, 20, 289-304.	2.2	8

#	ARTICLE	IF	CITATIONS
19	Gap analysis of green features in condominiums between potential homeowners and real estate agents. <i>Facilities</i> , 2016, 34, 630-648.	0.8	7
20	Implementing Toyota Way principles for construction projects in China: a case study. <i>International Journal of Construction Management</i> , 2015, 15, 179-195.	2.2	6
21	Systemic lapses as the main causes of accidents in the Singapore construction industry. <i>Civil Engineering and Environmental Systems</i> , 2018, 35, 81-98.	0.4	6
22	The Toyota Way Problem-Solving Model: Lessons for Large Chinese Construction Firms. <i>International Journal of Construction Management</i> , 2013, 13, 79-103.	2.2	5
23	Applying lean production principles to facilities design of ramp-up factories. <i>Facilities</i> , 2015, 33, 280-301.	0.8	5
24	Resilience of hospital facilities in Singapore's healthcare industry: a pilot study. <i>International Journal of Disaster Resilience in the Built Environment</i> , 2017, 8, 537-554.	0.7	5
25	Marketing importance and marketing performance measurement of architecture firms in Singapore: an exploratory study. <i>Construction Management and Economics</i> , 2016, 34, 739-750.	1.8	4
26	Lean facilities management: preliminary findings from Singapore's international schools. <i>Facilities</i> , 2020, 38, 539-558.	0.8	4
27	Impact of familiar collaboration on construction project quality: perceptions from clients and contractors in Singapore's construction industry. <i>TQM Journal</i> , 2020, 33, 338-357.	2.1	3
28	Developing a Fuzzy Multi-Criteria Evaluation Model for Prefabrication Development Maturity of Construction Firms. <i>IEEE Access</i> , 2020, 8, 222397-222409.	2.6	3
29	Exploring the drivers and barriers to lifelong learning in Singapore's construction industry. <i>Journal of Education and Work</i> , 2022, 35, 340-356.	0.8	3
30	Impact of Toyota Way Implementation on Performance of Large Chinese Construction Firms. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2014, 140, 04013022.	0.9	2
31	Understanding the role of trade unions in improving construction productivity through the institutional framework. <i>International Journal of Productivity and Performance Management</i> , 2020, 70, 592-612.	2.2	2
32	The adoption of mass-engineered timber (MET) in the Singapore construction industry: Barriers and drivers. <i>Journal of Cleaner Production</i> , 2021, 327, 129430.	4.6	2
33	Critical Risks Associated with BIM Adoption: A Case of Singapore. , 2018, , 585-596.		1
34	Influence of Chinese geomancy on facilities operations and maintenance (FOM). <i>Facilities</i> , 2018, 36, 308-325.	0.8	0