

# Shang Gao

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34  
papers

571  
citations

14  
h-index

23  
g-index

35  
ext. papers

780  
ext. citations

3.2  
avg, IF

4.59  
L-index

#	Paper	IF	Citations
34	The adoption of mass-engineered timber (MET) in the Singapore construction industry: Barriers and drivers. <i>Journal of Cleaner Production</i> , <b>2021</b> , 327, 129430	10.3	0
33	Design for manufacture and assembly (DfMA) in construction: the old and the new. <i>Architectural Engineering and Design Management</i> , <b>2021</b> , 17, 77-91	1.2	11
32	Critical Factors Influencing the Sustainable Construction Capability in Prefabrication of Chinese Construction Enterprises. <i>Sustainability</i> , <b>2020</b> , 12, 8996	3.6	6
31	Construction-Oriented Design for Manufacture and Assembly Guidelines. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2020</b> , 146, 04020085	4.2	23
30	Understanding the role of trade unions in improving construction productivity through the institutional framework. <i>International Journal of Productivity and Performance Management</i> , <b>2020</b> , 70, 592-612	2.3	0
29	Lean facilities management: preliminary findings from Singapore's international schools. <i>Facilities</i> , <b>2020</b> , 38, 539-558	2.2	1
28	Impact of familiar collaboration on construction project quality: perceptions from clients and contractors in Singapore's construction industry. <i>TQM Journal</i> , <b>2020</b> , 33, 338-357	3.4	0
27	Developing a Fuzzy Multi-Criteria Evaluation Model for Prefabrication Development Maturity of Construction Firms. <i>IEEE Access</i> , <b>2020</b> , 8, 222397-222409	3.5	1
26	Drivers and barriers for multiskilling workers in the Singapore construction industry. <i>International Journal of Construction Management</i> , <b>2020</b> , 20, 289-304	1.9	5
25	Design for manufacture and assembly in construction: a review. <i>Building Research and Information</i> , <b>2020</b> , 48, 538-550	4.3	36
24	Future-ready project and facility management graduates in Singapore for industry 4.0. <i>Engineering, Construction and Architectural Management</i> , <b>2019</b> , 28, 270-290	3.1	6
23	Influence of Chinese geomancy on facilities operations and maintenance (FOM). <i>Facilities</i> , <b>2018</b> , 36, 308-325		
22	Critical Risks Associated with BIM Adoption: A Case of Singapore <b>2018</b> , 585-596		1
21	Soft skills of construction project management professionals and project success factors. <i>Engineering, Construction and Architectural Management</i> , <b>2018</b> , 25, 425-442	3.1	42
20	Design for manufacturing and assembly (DfMA): a preliminary study of factors influencing its adoption in Singapore. <i>Architectural Engineering and Design Management</i> , <b>2018</b> , 14, 440-456	1.2	39
19	A holistic review of off-site construction literature published between 2008 and 2018. <i>Journal of Cleaner Production</i> , <b>2018</b> , 202, 1202-1219	10.3	127
18	Systemic lapses as the main causes of accidents in the Singapore construction industry. <i>Civil Engineering and Environmental Systems</i> , <b>2018</b> , 35, 81-98	2.1	5

17	Resilience of hospital facilities in Singapore's healthcare industry: a pilot study. <i>International Journal of Disaster Resilience in the Built Environment</i> , <b>2017</b> , 8, 537-554	1.4	4
16	Gap analysis of green features in condominiums between potential homeowners and real estate agents. <i>Facilities</i> , <b>2016</b> , 34, 630-648	2.2	5
15	Marketing importance and marketing performance measurement of architecture firms in Singapore: an exploratory study. <i>Construction Management and Economics</i> , <b>2016</b> , 34, 739-750	3	2
14	Toyota Way style human resource management in large Chinese construction firms: A qualitative study. <i>International Journal of Construction Management</i> , <b>2015</b> , 15, 17-32	1.9	18
13	Applying lean production principles to facilities design of ramp-up factories. <i>Facilities</i> , <b>2015</b> , 33, 280-301	2.2	3
12	Implementing Toyota Way principles for construction projects in China: a case study. <i>International Journal of Construction Management</i> , <b>2015</b> , 15, 179-195	1.9	4
11	Converging early contractor involvement (ECI) and lean construction practices for productivity enhancement. <i>International Journal of Productivity and Performance Management</i> , <b>2015</b> , 64, 831-852	2.3	14
10	The Last Planner System in China's construction industry: A SWOT analysis on implementation. <i>International Journal of Project Management</i> , <b>2014</b> , 32, 1260-1272	7.6	37
9	Strategies and measures for implementing eco-labelling schemes in Singapore's construction industry. <i>Resources, Conservation and Recycling</i> , <b>2014</b> , 89, 31-40	11.9	19
8	Lean Construction Management <b>2014</b> ,		20
7	Impact of Toyota Way Implementation on Performance of Large Chinese Construction Firms. <i>Journal of Professional Issues in Engineering Education and Practice</i> , <b>2014</b> , 140, 04013022	0.7	1
6	The Toyota Way model: an alternative framework for lean construction. <i>Total Quality Management and Business Excellence</i> , <b>2014</b> , 25, 664-682	2.7	33
5	Comparative study of project management and critical success factors of greening new and existing buildings in Singapore. <i>Structural Survey</i> , <b>2014</b> , 32, 413-433		35
4	Understanding the application of Kaizen methods in construction firms in China. <i>Journal of Technology Management in China</i> , <b>2013</b> , 8, 18-33		20
3	The Toyota Way Problem-Solving Model: Lessons for Large Chinese Construction Firms. <i>International Journal of Construction Management</i> , <b>2013</b> , 13, 79-103	1.9	5
2	Bridging Western management theories and Japanese management practices: case of the Toyota Way model. <i>Emerald Emerging Markets Case Studies</i> , <b>2011</b> , 1, 1-20	0.2	48
1	Exploring the drivers and barriers to lifelong learning in Singapore's construction industry. <i>Journal of Education and Work</i> , 1-17	0.8	