

Zhili Gao

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

946
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

955
citing authors

#	ARTICLE	IF	CITATIONS
1	Framework for selection of lean construction tools based on lean objectives and functionalities. International Journal of Construction Management, 2022, 22, 1559-1570.	3.2	16
2	Integrated implementation of Virtual Design and Construction (VDC) and lean project delivery system (LPDS). Journal of Building Engineering, 2021, 39, 102252.	3.4	20
3	Development of Lean Approaching Sustainability Tools (LAST) Matrix for Achieving Integrated Lean and Sustainable Construction. Construction Economics and Building, 2021, 21, .	0.9	1
4	Exploring factors for implementing lean construction for rapid initial successes in construction. Journal of Cleaner Production, 2020, 277, 123295.	9.3	41
5	Development of Innovative Integrated Last Planner System (ILPS). International Journal of Civil Engineering, 2020, 18, 701-715.	2.0	9
6	Optimal Depth-to-Span Ratio for Composite Rigid-Frame Bridges. Practice Periodical on Structural Design and Construction, 2019, 24, 05019001.	1.3	2
7	Early strength and durability of metakaolin-based geopolymer concrete. Magazine of Concrete Research, 2017, 69, 46-54.	2.0	59
8	Characterization of pervious concrete through image based micromechanical modeling. Construction and Building Materials, 2016, 114, 547-555.	7.2	37
9	Bond strength of PCC pavement repairs using metakaolin-based geopolymer mortar. Cement and Concrete Composites, 2016, 65, 75-82.	10.7	93
10	Dynamic responses of prestressed bridge and vehicle through bridge-vehicle interaction analysis. Engineering Structures, 2015, 87, 116-125.	5.3	37
11	Properties of plastic mortar made with recycled polyethylene terephthalate. Construction and Building Materials, 2014, 73, 682-687.	7.2	24
12	Physical and mechanical properties of mortar using waste Polyethylene Terephthalate bottles. Construction and Building Materials, 2013, 44, 81-86.	7.2	62
13	Prediction of Pavement Concrete Strength Development, Joint Sawing, and Opening Time Using FEMLAB. Journal of Performance of Constructed Facilities, 2012, 26, 162-169.	2.0	4
14	Mix design of concrete with recycled clay-brick-powder using the orthogonal design method. Construction and Building Materials, 2012, 31, 289-293.	7.2	119
15	Use of steel slag as a granular material: Volume expansion prediction and usability criteria. Journal of Hazardous Materials, 2010, 184, 555-560.	12.4	291
16	Developing a Traffic Closure Integrated Linear Schedule for Highway Rehabilitation Projects. Journal of Construction Engineering and Management - ASCE, 2009, 135, 146-155.	3.8	10
17	Approaches to Improving the Quality of Construction Drawings from Owner's Perspective. Journal of Construction Engineering and Management - ASCE, 2006, 132, 1187-1192.	3.8	19
18	Improving Transportation Projects Using Laser Scanning. Journal of Construction Engineering and Management - ASCE, 2005, 131, 377-384.	3.8	92

#	ARTICLE	IF	CITATIONS
19	Budget and Schedule Success for Small Capital-Facility Projects. <i>Journal of Management in Engineering - ASCE</i> , 2002, 18, 186-193.	4.8	10