

Mohammad Nahangi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

734
citations

758635

12
h-index

1125271

13
g-index

16
all docs

16
docs citations

16
times ranked

575
citing authors

#	ARTICLE	IF	CITATIONS
1	State of research in automatic as-built modelling. <i>Advanced Engineering Informatics</i> , 2015, 29, 162-171.	4.0	247
2	Managing risk in modular construction using dimensional and geometric tolerance strategies. <i>Automation in Construction</i> , 2017, 83, 303-315.	4.8	91
3	Pipe spool recognition in cluttered point clouds using a curvature-based shape descriptor. <i>Automation in Construction</i> , 2016, 71, 346-358.	4.8	64
4	Automated 3D compliance checking in pipe spool fabrication. <i>Advanced Engineering Informatics</i> , 2014, 28, 360-369.	4.0	61
5	Monte Carlo simulation for tolerance analysis in prefabrication and offsite construction. <i>Automation in Construction</i> , 2019, 103, 300-314.	4.8	53
6	Automated Model-Based Finding of 3D Objects in Cluttered Construction Point Cloud Models. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2017, 32, 893-908.	6.3	45
7	Skeleton-based discrepancy feedback for automated realignment of industrial assemblies. <i>Automation in Construction</i> , 2016, 61, 147-161.	4.8	36
8	Optimum Assembly Planning for Modular Construction Components. <i>Journal of Computing in Civil Engineering</i> , 2017, 31, .	2.5	35
9	Automated assembly discrepancy feedback using 3D imaging and forward kinematics. <i>Automation in Construction</i> , 2015, 56, 36-46.	4.8	33
10	Kinematics chain based dimensional variation analysis of construction assemblies using building information models and 3D point clouds. <i>Automation in Construction</i> , 2017, 75, 33-44.	4.8	27
11	Embodied greenhouse gas assessment of a bridge: A comparison of preconstruction Building Information Model and construction records. <i>Journal of Cleaner Production</i> , 2021, 295, 126388.	4.6	14
12	Pipe radius estimation using Kinect range cameras. <i>Automation in Construction</i> , 2019, 99, 197-205.	4.8	12
13	Parallel Systems and Structural Frames Realignment Planning and Actuation Strategy. <i>Journal of Computing in Civil Engineering</i> , 2016, 30, 04015067.	2.5	9
14	Scene understanding and model generation. , 2020, , 65-167.		4
15	Use Cases for Subcontractors and Fabricators. , 2020, , 315-361.		3
16	Level-of-Expertise Classification for Identifying Safe and Productive Masons. , 2017, , .		0