

# Mohammad Nahangi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11255232/publications.pdf>

Version: 2024-02-01

16  
papers

734  
citations

759233

12  
h-index

1125743

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. Advanced Engineering Informatics, 2015, 29, 162-171.	8.0	247
2	Managing risk in modular construction using dimensional and geometric tolerance strategies. Automation in Construction, 2017, 83, 303-315.	9.8	91
3	Pipe spool recognition in cluttered point clouds using a curvature-based shape descriptor. Automation in Construction, 2016, 71, 346-358.	9.8	64
4	Automated 3D compliance checking in pipe spool fabrication. Advanced Engineering Informatics, 2014, 28, 360-369.	8.0	61
5	Monte Carlo simulation for tolerance analysis in prefabrication and offsite construction. Automation in Construction, 2019, 103, 300-314.	9.8	53
6	Automated Model-Based Finding of 3D Objects in Cluttered Construction Point Cloud Models. Computer-Aided Civil and Infrastructure Engineering, 2017, 32, 893-908.	9.8	45
7	Skeleton-based discrepancy feedback for automated realignment of industrial assemblies. Automation in Construction, 2016, 61, 147-161.	9.8	36
8	Optimum Assembly Planning for Modular Construction Components. Journal of Computing in Civil Engineering, 2017, 31, .	4.7	35
9	Automated assembly discrepancy feedback using 3D imaging and forward kinematics. Automation in Construction, 2015, 56, 36-46.	9.8	33
10	Kinematics chain based dimensional variation analysis of construction assemblies using building information models and 3D point clouds. Automation in Construction, 2017, 75, 33-44.	9.8	27
11	Embodied greenhouse gas assessment of a bridge: A comparison of preconstruction Building Information Model and construction records. Journal of Cleaner Production, 2021, 295, 126388.	9.3	14
12	Pipe radius estimation using Kinect range cameras. Automation in Construction, 2019, 99, 197-205.	9.8	12
13	Parallel Systems and Structural Frames Realignment Planning and Actuation Strategy. Journal of Computing in Civil Engineering, 2016, 30, 04015067.	4.7	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