

Huaquan Ying

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6606150/publications.pdf>

Version: 2024-02-01

6
papers

58
citations

1684188

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2053705

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all docs

6
docs citations

6
times ranked

25
citing authors

#	ARTICLE	IF	CITATIONS
1	A two-stage recursive ray tracing algorithm to automatically identify external building objects in building information models. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2022, 37, 991-1009.	9.8	6
2	Generating second-level space boundaries from large-scale IFC-compliant building information models using multiple geometry representations. <i>Automation in Construction</i> , 2021, 126, 103659.	9.8	14
3	A rule-based system to automatically validate IFC second-level space boundaries for building energy analysis. <i>Automation in Construction</i> , 2021, 127, 103724.	9.8	13
4	Automatic Detection of Geometric Errors in Space Boundaries of IFC-BIM Models Using Monte Carlo Ray Tracing Approach. <i>Journal of Computing in Civil Engineering</i> , 2020, 34, .	4.7	8
5	An algorithm to facet curved walls in IFC BIM for building energy analysis. <i>Automation in Construction</i> , 2019, 103, 80-103.	9.8	15
6	A Framework for Rule-Based Validation of IFC Space Boundaries for Building Energy Analysis. , 2017, , .		2