

# Huaquan Ying

## List of Publications by Year in descending order

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

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6  
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1684188

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citing authors

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