

# Sijie Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8565674/publications.pdf>

Version: 2024-02-01

8  
papers

1,772  
citations

1162367

8  
h-index

1588620

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

1188  
citing authors

| # | ARTICLE                                                                                                                                                                                                            | IF  | CITATIONS |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Building Information Modeling (BIM) and Safety: Automatic Safety Checking of Construction Models and Schedules. <i>Automation in Construction</i> , 2013, 29, 183-195.                                             | 4.8 | 562       |
| 2 | BIM-based fall hazard identification and prevention in construction safety planning. <i>Safety Science</i> , 2015, 72, 31-45.                                                                                      | 2.6 | 311       |
| 3 | Semantic web technologies in AEC industry: A literature overview. <i>Automation in Construction</i> , 2017, 73, 145-165.                                                                                           | 4.8 | 274       |
| 4 | Ontology-based semantic modeling of construction safety knowledge: Towards automated safety planning for job hazard analysis (JHA). <i>Automation in Construction</i> , 2015, 52, 29-41.                           | 4.8 | 267       |
| 5 | Integrating work sequences and temporary structures into safety planning: Automated scaffolding-related safety hazard identification and prevention in BIM. <i>Automation in Construction</i> , 2016, 70, 128-142. | 4.8 | 122       |
| 6 | Workforce location tracking to model, visualize and analyze workspace requirements in building information models for construction safety planning. <i>Automation in Construction</i> , 2015, 60, 74-86.           | 4.8 | 115       |
| 7 | A case study on automated safety compliance checking to assist fall protection design and planning in building information models. <i>Construction Management and Economics</i> , 2013, 31, 661-674.               | 1.8 | 100       |
| 8 | Capturing the Return on Investment of All-In Building Information Modeling: Structured Approach. <i>Practice Periodical on Structural Design and Construction</i> , 2015, 20, .                                    | 0.7 | 21        |