

# Jinchao Zhu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2784958/publications.pdf>

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6  
papers

64  
citations

1937685

4  
h-index

2272923

4  
g-index

7  
all docs

7  
docs citations

7  
times ranked

52  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical study of the influence of weld geometry variations on fatigue life using the notch stress analysis. <i>Procedia Structural Integrity</i> , 2022, 38, 621-630.	0.8	0
2	Computational weld-mechanics assessment of welding distortions in a large beam structure. <i>Engineering Structures</i> , 2021, 236, 112055.	5.3	7
3	Accuracy of computational welding mechanics methods for estimation of angular distortion and residual stresses. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2019, 63, 1391-1405.	2.5	30
4	A probabilistic model of weld penetration depth based on process parameters. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 499-514.	3.0	14
5	Assessment of computational weld mechanics concepts for estimation of residual stresses in welded box structures. <i>Procedia Structural Integrity</i> , 2019, 17, 704-711.	0.8	11
6	Evaluation of local stress-based fatigue strength assessment methods for cover plates and joints subjected to axial and bending loading. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 0, , .	3.4	2