

Jinchao Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

64
citations

1937685

4
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2272923

4
g-index

7
all docs

7
docs citations

7
times ranked

52
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Computational weld-mechanics assessment of welding distortions in a large beam structure. <i>Engineering Structures</i> , 2021, 236, 112055.	5.3	7
5	Evaluation of local stress-based fatigue strength assessment methods for cover plates and T-joints subjected to axial and bending loading. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 0, , .	3.4	2
6	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