

# Xuesong Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1736271/publications.pdf>

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7  
papers

165  
citations

1478505

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1720034

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g-index

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docs citations

7  
times ranked

122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strength mismatch effect on residual stress of 10CrNi3MoV steel considering the back-chipping process. International Journal of Pressure Vessels and Piping, 2022, 195, 104570.	2.6	4
2	On the analysis of plasticity induced crack closure in welded specimens: A mechanism controlled by the stress intensity factor resulting from residual stresses. International Journal of Fatigue, 2022, 162, 106940.	5.7	7
3	Understanding of fatigue crack growth behavior in welded joint of a new generation Ni-Cr-Mo-V high strength steel. Engineering Fracture Mechanics, 2018, 194, 224-239.	4.3	18
4	Mixed mode fatigue crack growth behavior of Ni-Cr-Mo-V high strength steel weldments. International Journal of Fatigue, 2017, 102, 79-91.	5.7	35
5	On the mechanism of residual stresses relaxation in welded joints under cyclic loading. International Journal of Fatigue, 2017, 105, 43-59.	5.7	27
6	Non-saturated cyclic softening and uniaxial ratcheting of a high-strength steel: Experiments and viscoplastic constitutive modeling. Mechanics of Materials, 2017, 113, 112-125.	3.2	28
7	Numerical simulation of residual stress in 10Ni5CrMoV steel weldments. Journal of Materials Processing Technology, 2017, 240, 77-86.	6.3	46