

Xuesong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

165
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation of residual stress in 10Ni5CrMoV steel weldments. Journal of Materials Processing Technology, 2017, 240, 77-86.	6.3	46
2	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
3	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
4	On the mechanism of residual stresses relaxation in welded joints under cyclic loading. International Journal of Fatigue, 2017, 105, 43-59.	5.7	27
5	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
6	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
7	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