

Fuqiang Yang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

46
citations

1937685

4
h-index

1872680

6
g-index

16
all docs

16
docs citations

16
times ranked

29
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Properties Evaluation and Crack Propagation Behavior in Dissimilar Metal Welded Joints of 304L Austenitic Stainless Steel and SA508 Low-Alloy Steel. Science and Technology of Nuclear Installations, 2022, 2022, 1-13.	0.8	3
2	Modeling the Hydrogen Redistribution at the Grain Boundary of Misoriented Bicrystals in Austenite Stainless Steel. Materials, 2022, 15, 479.	2.9	2
3	An Investigation of a New Parameter Based on the Plastic Strain Gradient to Characterize Composite Constraint around the Crack Front at a Low Temperature. Materials, 2022, 15, 881.	2.9	2
4	Research on Automatic Dodging Method for Road Surface Line Array Images. Advances in Civil Engineering, 2022, 2022, 1-14.	0.7	0
5	Effect of Mechanical Heterogeneity on Strain and Stress Fields at Crack Tips of SCC in Dissimilar Metal Welded Joints. Materials, 2021, 14, 4450.	2.9	5
6	Corrigendum to "Numerical Analysis of the Coupling between Hydrogen Diffusion and Mechanical Behavior near the Crack Tip of Titanium". Mathematical Problems in Engineering, 2020, 2020, 1-1.	1.1	4
7	Effect of Cold Working on the Driving Force of the Crack Growth and Crack Growth Rate of Welded Joints under One Overload. Advances in Materials Science and Engineering, 2020, 2020, 1-9.	1.8	0
8	Numerical Analysis of the Coupling between Hydrogen Diffusion and Mechanical Behavior near the Crack Tip of Titanium. Mathematical Problems in Engineering, 2020, 2020, 1-15.	1.1	1
9	An Approach to Estimate SCC Growing Rate in Slow Strain Rate Tensile Test Based on EPFEM. Advances in Materials Science and Engineering, 2019, 2019, 1-7.	1.8	2
10	Microstructural Characterization and Mechanical Properties of Ti-6Al-4V Alloy Subjected to Dynamic Plastic Deformation Achieved by Multipass Hammer Forging with Different Forging Temperatures. Advances in Materials Science and Engineering, 2019, 2019, 1-12.	1.8	4
11	Effects of Welded Mechanical Heterogeneity on Interface Crack Propagation in Dissimilar Weld Joints. Advances in Materials Science and Engineering, 2019, 2019, 1-10.	1.8	4
12	Probability prediction of crack growth rate of environmentally assisted cracks of nickel-based alloys based on Latin hypercube sampling. International Journal of Pressure Vessels and Piping, 2019, 172, 391-396.	2.6	9
13	Effects of Crystal Orientation and Grain Boundary Inclination on Stress Distribution in Bicrystal Interface of Austenite Stainless Steel 316L. Advances in Materials Science and Engineering, 2019, 2019, 1-10.	1.8	3
14	Effects of Grain Orientation on Stress State near Grain Boundary of Austenitic Stainless Steel Bicrystals. Advances in Materials Science and Engineering, 2018, 2018, 1-10.	1.8	4
15	Three-Dimensional Analysis of the Effect of Out-Of-Plane Constraint on the Local Plastic Strain around Crack Front. IOP Conference Series: Materials Science and Engineering, 2018, 389, 012027.	0.6	0
16	Numerical investigation on stress corrosion cracking behavior of dissimilar weld joints in pressurized water reactor plants. Frattura Ed Integrita Strutturale, 2014, 8, 410-418.	0.9	3