

# Fuqiang Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7167272/publications.pdf>

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