

# Guoyang Fu

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

212  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of Fracture Failure of Steel Pipes With Sharp Corrosion Pits Using Time-Dependent Reliability Method With Lognormal Process. Journal of Pressure Vessel Technology, Transactions of the ASME, 2019, 141, .	0.6	5
2	Reliability analysis of corrosion affected underground steel pipes considering multiple failure modes and their stochastic correlations. Tunnelling and Underground Space Technology, 2019, 87, 56-63.	6.2	19
3	J-Integral Solution for Elastic Fracture Toughness for Plates with Inclined Cracks under Biaxial Loading. Journal of Engineering Mechanics - ASCE, 2018, 144, .	2.9	4
4	Reliability-Based Service Life Prediction of Corrosion-Affected Metal Pipes with Mixed Mode Fracture. Journal of Engineering Mechanics - ASCE, 2018, 144, 04017176.	2.9	6
5	Stress intensity factors for mixed mode fracture induced by inclined cracks in pipes under axial tension and bending. Theoretical and Applied Fracture Mechanics, 2017, 89, 100-109.	4.7	31
6	Effects of time integration schemes on discontinuous deformation simulations using the numerical manifold method. International Journal for Numerical Methods in Engineering, 2017, 112, 1614-1635.	2.8	4
7	Elastic Fracture Toughness of Ductile Materials. Journal of Engineering Mechanics - ASCE, 2017, 143, .	2.9	8
8	Stress intensity factors for inclined external surface cracks in pressurised pipes. Engineering Fracture Mechanics, 2016, 165, 72-86.	4.3	41
9	Numerical Modeling of Earthquake-Induced Landslide Using an Improved Discontinuous Deformation Analysis Considering Dynamic Friction Degradation of Joints. Rock Mechanics and Rock Engineering, 2016, 49, 4767-4786.	5.4	35
10	Investigation of the permeability anisotropy of 2D fractured rock masses. Engineering Geology, 2015, 196, 171-182.	6.3	48
11	A Copula-Based Method for Estimating Shear Strength Parameters of Rock Mass. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.1	11