

# Guoyang Fu

## List of Publications by Year in descending order

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11  
papers

212  
citations

1307594

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1281871

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g-index

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11  
times ranked

184  
citing authors

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