

Jaroslav Galkiewicz

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	The Numerical Analysis of the In-Plane Constraint Influence on the Behavior of the Crack Subjected to Cyclic Loading. <i>Materials</i> , 2021, 14, 1764.	2.9	3
2	Analysis of the Failure Process of Elements Subjected to Monotonic and Cyclic Loading Using the Wierzbickiâ€Bai Model. <i>Materials</i> , 2021, 14, 6265.	2.9	0
3	The experimental-numerical analyses of the failure mechanisms of S355JR steel. <i>Theoretical and Applied Fracture Mechanics</i> , 2020, 108, 102666.	4.7	1
4	Influence of the inclusion shape and the constraints level on damage to the elementary cell. <i>Procedia Structural Integrity</i> , 2019, 16, 35-42.	0.8	0
5	Calibration of constitutive equations under conditions of large strains and stress triaxiality. <i>Archives of Civil and Mechanical Engineering</i> , 2018, 18, 1123-1135.	3.8	26
6	Are the mechanical field parameters sufficient to predict uniquely the failure due to the ductile or cleavage mechanisms?. <i>Procedia Structural Integrity</i> , 2018, 13, 285-291.	0.8	0
7	Estimation of the Onset of Crack Growth in Ductile Materials. <i>Materials</i> , 2018, 11, 2026.	2.9	16
8	Verification of Strength of the Welded Joints by using of the Aramis Video System. <i>Acta Mechanica Et Automatica</i> , 2017, 11, 9-13.	0.6	3
9	Simulation of Crack Growth in a Cell Containing an Inclusion Using Cohesive Elements. <i>Solid State Phenomena</i> , 2016, 250, 16-21.	0.3	0
10	Cleavage Fracture of Ultra-High-Strength Steels. Microscopic Observations. Numerical Analysis. Local Fracture Criterion. <i>Key Engineering Materials</i> , 2014, 598, 168-177.	0.4	5
11	Temperature Influence on σ_f and σ_n Characteristics in the R-O Relationship for High-Strength Steel. <i>Key Engineering Materials</i> , 2014, 598, 190-194.	0.4	0
12	The Simulation of Void Growth along Curvilinear Crack Front. <i>Key Engineering Materials</i> , 2014, 598, 63-68.	0.4	1
13	The Influence of In-Plane Constraint on Void Behavior in Front of a Crack in Plane Strain. <i>Solid State Phenomena</i> , 2014, 224, 139-144.	0.3	0
14	Simulation of Tensile Test of the 1/2Y Welded Joint Made of Ultra High Strength Steel. <i>Materials Science Forum</i> , 2012, 726, 110-117.	0.3	1
15	Approximation of Strain-Stress Curves in Front of a Crack in a Non-Linear Material. <i>International Journal of Fracture</i> , 2010, 161, 227-232.	2.2	5
16	The ductile-to-cleavage transition in ferritic Crâ€Moâ€V steel: A detailed microscopic and numerical analysis. <i>Engineering Fracture Mechanics</i> , 2010, 77, 2504-2526.	4.3	21
17	The Analysis of Fracture Mechanisms of Ferritic Steel 13HMF at Low Temperatures. <i>Journal of ASTM International</i> , 2010, 7, 1-14.	0.2	1
18	An alternative formulation of the Ritchieâ€Knottâ€Rice local fracture criterion. <i>Engineering Fracture Mechanics</i> , 2007, 74, 1308-1322.	4.3	53

#	ARTICLE	IF	CITATIONS
19	Fracture toughness of structural components: influence of constraint. International Journal of Pressure Vessels and Piping, 2006, 83, 42-54.	2.6	40
20	A study of stable crack growth using experimental methods, finite elements and fractography. Engineering Fracture Mechanics, 2004, 71, 1325-1355.	4.3	32
21	Analysis of the stress field in front of a notch. Materials Science, 1998, 34, 714-723.	0.9	3
22	Master Curve of High-Strength Ferritic Steel S960-QC. Key Engineering Materials, 0, 598, 178-183.	0.4	6
23	Numerical Analysis of the Failure Processes of Plates Made of S 960 QC Steel. Key Engineering Materials, 0, 598, 184-189.	0.4	1
24	Determination of Strain and Stress Fields in Laser Welded Joints by Means of the Aramis Video System. Solid State Phenomena, 0, 250, 151-156.	0.3	1
25	Experimental and Numerical Modeling of the Phenomenon of Delamination Cracking in S235 Steel. Solid State Phenomena, 0, 250, 145-150.	0.3	2
26	MICROSCOPICALLY BASED CALIBRATION OF THE COHESIVE MODEL. Journal of Theoretical and Applied Mechanics, 0, , 477.	0.5	4