

# Vitor Scarabeli Barbosa

## List of Publications by Year in descending order

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15  
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1684188

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Charpy impact energy correlation with fracture toughness for low alloy structural steel welds. Theoretical and Applied Fracture Mechanics, 2021, 113, 102934.	4.7	10
2	J-resistance curve testing of a pressure vessel steel and a clad pipe girth weld using clamped SE(T) specimens and the normalization method. Engineering Fracture Mechanics, 2021, 258, 108052.	4.3	2
3	A simplified estimation procedure for the Weibull stress parameter, m, and applications to predict the specimen geometry dependence of cleavage fracture toughness. International Journal of Pressure Vessels and Piping, 2020, 188, 104228.	2.6	5
4	Evaluation of CTOD resistance curves in clamped SE(T) specimens with weld centerline cracks. Engineering Fracture Mechanics, 2020, 240, 107326.	4.3	8
5	Effects of Loading Span on Cleavage Fracture Toughness of Precracked Charpy-Type Bend Specimens. , 2019, , .		0
6	Correlation of Charpy Impact Energy and Fracture Toughness for Low Alloy Structural Steel Welds. , 2019, , .		0
7	Fracture toughness testing using non-standard bend specimens " Part II: Experiments and evaluation of $J$ -values for a low alloy structural steel. Engineering Fracture Mechanics, 2018, 195, 297-312.	4.3	10
8	Fracture toughness testing using non-standard bend specimens " Part I: Constraint effects and development of test procedure. Engineering Fracture Mechanics, 2018, 195, 279-296.	4.3	9
9	Effects of increased span on fracture toughness using non-standard PCVN specimens and implications for the reference temperature, $T_0$ . Procedia Structural Integrity, 2018, 13, 367-372.	0.8	3
10	Experimental Measurements of $J$ -Values for a Low Alloy Structural Steel Using Nonstandard Bend Specimens and Evaluation of the Reference Temperature, $T_0$ . Materials Performance and Characterization, 2018, 7, 75-100.	0.3	0
11	Fracture resistance testing of dissimilar nickel-chromium girth welds for clad line pipes. International Journal of Fracture, 2017, 205, 169-188.	2.2	17
12	Correlation of Fracture Toughness With Charpy Impact Energy for Low Alloy, Structural Steel Welds. , 2017, , .		2
13	Fracture Toughness Testing of a Low Alloy Structural Steel Using Non-Standard Bend Specimens and an Exploratory Application to Determine the Reference Temperature, $T_0$ . , 2017, , .		0
14	Fatigue crack growth behavior in the base metal 90° and 180° from the welded joint of an API 5L X-70 pipeline steel. , 0, , .		0
15	Fracture Toughness Testing of a Nickel-Chromium Lined Pipe Girth Weld Using the Unloading Compliance Technique. , 0, , .		0