

# Vitor Scarabeli Barbosa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6733617/publications.pdf>

Version: 2024-02-01

15  
papers

66  
citations

1684188

5  
h-index

1588992

8  
g-index

15  
all docs

15  
docs citations

15  
times ranked

24  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture resistance testing of dissimilar nickel-chromium girth welds for clad line pipes. International Journal of Fracture, 2017, 205, 169-188.	2.2	17
2	Fracture toughness testing using non-standard bend specimens – Part II: Experiments and evaluation of $J$ -resistance curves for a low alloy structural steel. Engineering Fracture Mechanics, 2018, 195, 297-312.	4.3	10
3	Charpy impact energy correlation with fracture toughness for low alloy structural steel welds. Theoretical and Applied Fracture Mechanics, 2021, 113, 102934.	4.7	10
4	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
5	Evaluation of CTOD resistance curves in clamped SE(T) specimens with weld centerline cracks. Engineering Fracture Mechanics, 2020, 240, 107326.	4.3	8
6	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
7	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
8	Correlation of Fracture Toughness With Charpy Impact Energy for Low Alloy, Structural Steel Welds. , 2017, , .		2
9	$J$ -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
10	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
11	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
12	Fracture Toughness Testing of a Nickel-Chromium Lined Pipe Girth Weld Using the Unloading Compliance Technique. , 0, , .		0
13	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
14	Effects of Loading Span on Cleavage Fracture Toughness of Precracked Charpy-Type Bend Specimens. , 2019, , .		0
15	Correlation of Charpy Impact Energy and Fracture Toughness for Low Alloy Structural Steel Welds. , 2019, , .		0