

# Jānos Lukācs

## List of Publications by Year in descending order

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21  
papers

155  
citations

1478505

6  
h-index

1281871

11  
g-index

21  
all docs

21  
docs citations

21  
times ranked

112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical investigations of external reinforced damaged pipelines. Procedia Engineering, 2010, 2, 1191-1200.	1.2	30
2	Fatigue crack propagation limit curves for high strength steels based on two-stage relationship. Engineering Failure Analysis, 2019, 103, 431-442.	4.0	27
3	Matching effect on fatigue crack growth behaviour of high-strength steels GMA welded joints. Welding in the World, Le Soudage Dans Le Monde, 2019, 63, 1315-1327.	2.5	17
4	Dimensions of Lifetime Management. Materials Science Forum, 2005, 473-474, 361-368.	0.3	15
5	High cycle fatigue and fatigue crack propagation design curves for 5754-H22 and 6082-T6 aluminium alloys and their friction stir welded joints. Welding in the World, Le Soudage Dans Le Monde, 2018, 62, 737-749.	2.5	14
6	Fatigue Crack Propagation Limit Curves for Different Metallic and Non-Metallic Materials. Materials Science Forum, 2003, 414-415, 31-36.	0.3	13
7	Fatigue crack growth tests on type 321 austenitic stainless steel in corrosive environment and at elevated temperature. Procedia Engineering, 2010, 2, 1201-1210.	1.2	6
8	Fatigue Crack Propagation Limit Curves for S690QL and S960M High Strength Steels and their Welded Joints. Advanced Materials Research, 0, 1146, 44-56.	0.3	6
9	The Role of the External and Internal Reinforcing on the Structural Integrity of Damaged Steel Pipelines. Procedia Engineering, 2011, 10, 2514-2519.	1.2	5
10	Fatigue Curves for Aluminium Alloys and their Welded Joints Used in Automotive Industry. Materials Science Forum, 0, 885, 86-91.	0.3	5
11	Assessment of Methods in Girth Welds of Steel Pipelines. Materials Science Forum, 2005, 473-474, 243-248.	0.3	4
12	The Properties of Welded Joints Made by 6082-T6 Aluminium Alloy and their Behaviour under Cyclic Loading Conditions. Materials Science Forum, 0, 812, 375-380.	0.3	4
13	Integrity increasing of damaged transporting pipelines using fiber reinforced polymer composite wrap systems. Engineering Failure Analysis, 2022, 137, 106284.	4.0	4
14	Two Methods for Determination of Fatigue Crack Propagation Limit Curves and their Application for Different Materials. Key Engineering Materials, 2007, 345-346, 395-398.	0.4	2
15	Design Curves for High-Cycle Fatigue Loaded Structural Elements. Materials Science Forum, 0, 752, 135-144.	0.3	2
16	Certain Weldability Problems of 6082-T6 Aluminium Alloy and the Mechanical Properties of the Welded Joints. Materials Science Forum, 0, 885, 251-256.	0.3	1
17	The Role of the External and Internal Reinforcing on the Structural Integrity of Industrial and Transporting Steel Pipelines. Materials Science Forum, 0, 659, 55-60.	0.3	0
18	Is There Any Connection between the Characteristics of the LCF and FCG?. , 0, , 215-219.		0

#	ARTICLE	IF	CITATIONS
19	Determination of Fatigue Crack Propagation Limit Curves for Different Materials. , 0, , 138-142.		0
20	Structural Integrity of Damaged Steel Pipelines – Integrity Improving Using External and Internal Reinforcing. , 2013, , 607-614.		0
21	High Cycle Fatigue Investigations on High Strength Steels and Their GMA Welded Joints. Lecture Notes in Mechanical Engineering, 2017, , 453-467.	0.4	0