

# Vujadin Aleksic

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

57  
citations

1937685

4  
h-index

1720034

7  
g-index

15  
all docs

15  
docs citations

15  
times ranked

54  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Paris' law under variable loading. FME Transactions, 2022, 50, 72-78.	1.4	3
2	Mechanisms and morphologies of cavitation damage of NN 70 steel. Materials Protection, 2021, 62, 95-105.	0.9	1
3	Numerical determination and experimental validation of the fracture toughness of welded joints. Engineering Failure Analysis, 2020, 107, 104220.	4.0	7
4	HSLA Steel - Simulation of Fatigue. Lecture Notes in Networks and Systems, 2020, , 314-321.	0.7	1
5	Effect of LCF on behavior and microstructure of microalloyed HSLA steel and its simulated CGHAZ. Engineering Failure Analysis, 2019, 104, 1094-1106.	4.0	19
6	Numerical simulation of fatigue crack propagation: A case study of defected steam pipeline. Engineering Failure Analysis, 2019, 106, 104165.	4.0	6
7	Evaluation of Stress Intensity Factors (SIFs) Using Extended Finite Element Method (XFEM). , 2018, , 355-369.		1
8	Experimental and numerical investigations of the critical values of J-integral for the steel of steam pipelines. Procedia Structural Integrity, 2018, 13, 1589-1594.	0.8	3
9	Indicators of HSLA steel behavior under low cycle fatigue loading. Procedia Structural Integrity, 2016, 2, 3313-3321.	0.8	4
10	Low Cycle Fatigue of Weldments Produced of a High Strength Low Alloyed Steel. , 2014, 3, 1429-1434.		4
11	Failure of steam line causes determined by NDT testing in power and heating plants. Frattura Ed Integrita Strutturale, 2013, 7, 41-48.	0.9	4
12	J-integral Analysis of the Simulated Heat-affected Zone of the Elevated-temperature Martensitic Steel. Experimental Techniques, 0, , 1.	1.5	0