

Vladimir Chmelko

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

48
citations

1937685

4
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1720034

7
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10
all docs

10
docs citations

10
times ranked

31
citing authors

#	ARTICLE	IF	CITATIONS
1	Various parameters of the multiaxial variable amplitude loading and their effect on fatigue life and fatigue life computation. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 2890-2912.	3.4	11
2	Simulation of Stress Concentrations in Notches. <i>Metals</i> , 2022, 12, 43.	2.3	11
3	The performance of selected multiaxial criteria under tension/torsion loading conditions. <i>International Journal of Fatigue</i> , 2020, 135, 105532.	5.7	10
4	Health and Structural Integrity of Monitoring Systems: The Case Study of Pressurized Pipelines. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6023.	2.5	5
5	Analytical Solution of the Pipe Burst Pressure Using Bilinear Stress-Strain Model and Influence of Corrosion Defects on it. <i>Procedia Structural Integrity</i> , 2019, 18, 600-607.	0.8	4
6	Calculation of burst pressure of pipeline with local defect. <i>Procedia Structural Integrity</i> , 2020, 26, 417-421.	0.8	4
7	Notch effect of welded joint. <i>MATEC Web of Conferences</i> , 2018, 165, 21003.	0.2	3
8	Safety margin against the fatigue fracture under random loading. <i>MATEC Web of Conferences</i> , 2018, 165, 22033.	0.2	0
9	The assessment of the tensile with torsion loading interaction using the selected hypotheses and the experiment. <i>MATEC Web of Conferences</i> , 2019, 300, 16002.	0.2	0
10	Fatigue Failure of a Pressing Machine. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 398.	2.5	0