

Matus Margetin

List of Publications by Year in descending order

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papers

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1937685

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#	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	Multiaxial fatigue criterion based on parameters from torsion and axial S-N curve. <i>Frattura Ed Integrita Strutturale</i> , 2016, 10, 146-152.	0.9	10
5	Notch effect of welded joint. <i>MATEC Web of Conferences</i> , 2018, 165, 21003.	0.2	3
6	Analysis of the notch effect of welded joint and of grinding effect. <i>Metallic Materials</i> , 2016, 53, 429-441.	0.3	3
7	The methodology of transformation of the nominal loading process into a root of notch. <i>Procedia Structural Integrity</i> , 2017, 5, 825-831.	0.8	2
8	Fatigue lifetime estimation of bearing pin of console manipulator loaded with multiaxial random loading. <i>Procedia Engineering</i> , 2018, 213, 788-796.	1.2	2
9	Multiaxial cycle counting method for non-proportional multiaxial variable loading signals based on modified maximal shear stress. <i>MATEC Web of Conferences</i> , 2019, 300, 17003.	0.2	2
10	Performance of chosen multiaxial cycle counting method under non-proportional multiaxial variable loading.. <i>MATEC Web of Conferences</i> , 2018, 165, 16008.	0.2	1
11	A Design of the Two Architectures of Electromagnetic Vibration Energy Harvesting Devices. <i>Mechanisms and Machine Science</i> , 2017, , 239-245.	0.5	0
12	Long-Term Health Monitoring of Structures under Variable Loading. <i>Applied Mechanics and Materials</i> , 0, 863, 293-298.	0.2	0
13	Fatigue strength assessment of bridge dilatation shutter in real operation. <i>MATEC Web of Conferences</i> , 2017, 107, 00016.	0.2	0
14	Experimental investigation of properties of GFRP foam cored sandwich joints. <i>MATEC Web of Conferences</i> , 2018, 157, 05007.	0.2	0
15	Influence of critical plane definition on fatigue lifetime estimation under variable amplitude nonproportional multiaxial loading.. <i>Procedia Structural Integrity</i> , 2019, 18, 663-670.	0.8	0