

Volodymyr Iasnii

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The influence of stress ratio on fatigue lifetime of NiTi shape memory alloy. <i>Procedia Structural Integrity</i> , 2020, 28, 1551-1558.	0.8	2
2	Technique and some study results of shape memory alloy-based damping device functional parameters. <i>Scientific Journal of the Ternopil National Technical University</i> , 2020, 97, 37-44.	0.3	2
3	Functional Behavior of Pseudoelastic NiTi Alloy Under Variable Amplitude Loading. <i>Acta Mechanica Et Automatica</i> , 2020, 14, 154-160.	0.6	0
4	Influence of stress ratio on functional fatigue of pseudoelastic NiTi alloy. <i>Procedia Structural Integrity</i> , 2019, 16, 67-72.	0.8	6
5	Degradation of Functional Properties of Pseudoelastic NiTi Alloy Under Cyclic Loading: An Experimental Study. <i>Acta Mechanica Et Automatica</i> , 2019, 13, 95-100.	0.6	8
6	The effect of temperature on low-cycle fatigue of shape memory alloy. <i>Frattura Ed Integrita Strutturale</i> , 2019, 13, 310-318.	0.9	3
7	Experimental study of pseudoelastic NiTi alloy under cyclic loading. <i>Scientific Journal of the Ternopil National Technical University</i> , 2019, 92, 7-12.	0.3	9
8	Calculation of constructive parameters of SMA damper. <i>Scientific Journal of the Ternopil National Technical University</i> , 2018, 88, 7-15.	0.3	7
9	Lifetime of aircraft alloy plates with cold expanded holes. <i>International Journal of Fatigue</i> , 2017, 104, 112-119.	5.7	12
10	Residual lifetime assessment of thermal power plant superheater header. <i>Engineering Failure Analysis</i> , 2017, 82, 390-403.	4.0	12
11	Fatigue crack nucleation and propagation in aluminum alloy plates with cold expanded holes. <i>Procedia Structural Integrity</i> , 2016, 2, 3280-3287.	0.8	6
12	Lifetime estimation of superheater header. <i>Procedia Structural Integrity</i> , 2016, 2, 840-846.	0.8	1