

Nikola JakÅ¡iÄ

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

137
citations

1163117

8
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite element modelling of the one meter drop test on a steel bar for the CASTOR cask. Nuclear Engineering and Design, 2009, 239, 201-213.	1.7	17
2	AN APPROACH TO PARAMETER IDENTIFICATION FOR A SINGLE-DEGREE-OF-FREEDOM DYNAMICAL SYSTEM BASED ON SHORT FREE ACCELERATION RESPONSE. Journal of Sound and Vibration, 2002, 250, 465-483.	3.9	15
3	Parameter identification of the fatigue-testing rig. International Journal of Mechanical Sciences, 2008, 50, 1142-1152.	6.7	13
4	An elasto-plastic fracture mechanics based model for assessment of hydride embrittlement in zircaloy cladding tubes. Journal of Nuclear Materials, 2010, 396, 71-85.	2.7	12
5	Numerical algorithm for natural frequencies computation of an axially moving beam model. Meccanica, 2009, 44, 687-695.	2.0	10
6	DYNAMICAL BEHAVIOUR OF THE PLANAR NON-LINEAR MECHANICAL SYSTEM – PART II: EXPERIMENT. Journal of Sound and Vibration, 1999, 226, 941-953.	3.9	9
7	Power law damping parameter identification. Journal of Sound and Vibration, 2011, 330, 5878-5893.	3.9	9
8	DYNAMICAL BEHAVIOUR OF THE PLANAR NON-LINEAR MECHANICAL SYSTEM – PART I: THEORETICAL MODELLING. Journal of Sound and Vibration, 1999, 226, 923-940.	3.9	6
9	On the optimality during parameter identification. Journal of Sound and Vibration, 2004, 275, 331-349.	3.9	6
10	Porosity of the Flat Textiles. , 0, , .		5
11	The influence of finite element meshes on the results of a spatial polycrystalline aggregate model. Nuclear Engineering and Design, 2011, 241, 1184-1190.	1.7	5
12	On the optimal parameter and noise identification on the basis of three parameter probability distributions. Journal of Sound and Vibration, 2015, 339, 112-122.	3.9	3
13	Dynamical behavior of a nonlinear single-degree-of-freedom system with negative viscous and positive frictional damping. Meccanica, 2008, 43, 365-367.	2.0	2
14	Numerical simulation of plastic collapse of copper-cast iron canister for spent nuclear fuel. Engineering Failure Analysis, 2009, 16, 225-241.	4.0	2
15	Phase Portraits of the Autonomous Duffing Single-Degree-of-Freedom Oscillator with Coulomb Dry Friction. Advances in Acoustics and Vibration, 2014, 2014, 1-10.	0.5	0
16	Un salterio miniato quattrocentesco dal convento di San Francesco a Zara. Eikon Imago, 2016, 5, 113-140.	0.0	0