

Jakub Javořík

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

44
citations

2258059

3
h-index

1872680

6
g-index

13
all docs

13
docs citations

13
times ranked

22
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperelastic Material Characterization: How the Change in Mooney-Rivlin Parameter Values Effect the Model Curve. Materials Science Forum, 2020, 994, 265-271.	0.3	5
2	Hyperelastic-material characterization: a comparison of material constants. Materiali in Tehnologije, 2020, 54, 121-123.	0.5	2
3	Verification of Material Composition and Manufacturing Process of Carbon Fibre Wheel. Manufacturing Technology, 2019, 19, 280-283.	1.4	4
4	The Numerical Analysis of Axially Loaded Elastomeric Bushing. Materials Science Forum, 2018, 919, 315-324.	0.3	1
5	Elastomer testing: the risk of using only uniaxial data for fitting the Mooney-Rivlin hyperelastic-material model. Materiali in Tehnologije, 2018, 52, 3-8.	0.5	17
6	Calculation of the Tyre Curing Mould Cavity Shape Using FEM. Manufacturing Technology, 2017, 17, 479-483.	1.4	2
7	Numerical Optimization of Large Shade Sail Support. Manufacturing Technology, 2016, 16, 707-712.	1.4	4
8	Ionizing Radiation Effect on PMMA Measured by Microhardness. Key Engineering Materials, 2013, 586, 198-201.	0.4	3
9	FEM Modelling Techniques for Three Point Bend Test of Rubber Composites. Materials Science Forum, 0, 919, 257-265.	0.3	1
10	Hyperelastic Material Characterization: A Method of Reducing the Error of Using only Uniaxial Data for Fitting Mooney-Rivlin Curve. Materials Science Forum, 0, 919, 292-298.	0.3	3
11	Evaluation of a Tyre Tread Pattern Stiffness Using FEA. Materials Science Forum, 0, 952, 243-249.	0.3	2
12	Secondary Biaxial Data Application in a Process of a Hyperelastic Material Characterization. Materials Science Forum, 0, 952, 275-281.	0.3	0
13	FEM Optimization of a Steel Belt of OTR Tyres. Materials Science Forum, 0, 994, 272-279.	0.3	0