Jakub JavoÅÃ-k

List of Publications by Year
in descending order

13	44	2258059 3	1872680 6
papers	citations	h-index	g-index

13	13	13	22
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Verification of Material Composition and Manufacturing Process of Carbon Fibre Wheel. Manufacturing Technology, 2019, 19, 280-283.	1.4	4
4	Numerical Optimization of Large Shade Sail Support. Manufacturing Technology, 2016, 16, 707-712.	1.4	4
5	Ionizing Radiation Effect on PMMA Measured by Microhardness. Key Engineering Materials, 2013, 586, 198-201.	0.4	3
6	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
7	Evaluation of a Tyre Tread Pattern Stiffness Using FEA. Materials Science Forum, 0, 952, 243-249.	0.3	2
8	Calculation of the Tyre Curing Mould Cavity Shape Using FEM. Manufacturing Technology, 2017, 17, 479-483.	1.4	2
9	Hyperelastic-material characterization: a comparison of material constants. Materiali in Tehnologije, 2020, 54, 121-123.	0.5	2
10	FEM Modelling Techniques for Three Point Bend Test of Rubber Composites. Materials Science Forum, 0, 919, 257-265.	0.3	1
11	The Numerical Analysis of Axially Loaded Elastomeric Bushing. Materials Science Forum, 2018, 919, 315-324.	0.3	1
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