Radek BulÃ-n

List of Publications by Year
in descending order

12	87	1936888 4	1719596 7
papers	citations	h-index	g-index

12	12	12	40
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient computational approaches for analysis of thin and flexible multibody structures. Nonlinear Dynamics, 2021, 103, 2475-2492.	2.7	13
2	Nonlinear dynamics of flexible slender structures moving in a limited space with application in nuclear reactors. Nonlinear Dynamics, 2021, 104, 3561-3579.	2.7	11
3	Approaches to Fibre Modelling in the Model of an Experimental Laboratory Mechanical System. Computational Methods in Applied Sciences (Springer), 2020, , 231-238.	0.1	1
4	Application of Multibody Dynamics in the Modelling of a Limited-Slip Differential. Computational Methods in Applied Sciences (Springer), 2020, , 454-462.	0.1	0
5	On the Numerical Treatment of Nonlinear Flexible Multibody Systems with the Use of Quasi-Newton Methods. Computational Methods in Applied Sciences (Springer), 2020, , 332-339.	0.1	0
6	MODELLING OF DYNAMIC BEHAVIOUR OF FIBRES AND CABLES. , 2020, , .		2
7	Comparison of Detailed Belt - Cylinder Interaction Model with Classical Belt Friction Formula. Strojnicky Casopis, 2019, 69, 9-16.	0.3	2
8	Complex Modelling and Dynamical Analysis of Parallel Cable Mechanisms. Mechanisms and Machine Science, 2018, , 193-202.	0.3	2
9	Nonlinear dynamics of a cableâ€“pulley system using the absolute nodal coordinate formulation. Mechanics Research Communications, 2017, 82, 21-28.	1.0	48
10	Various Strategies of Elastic Forces Evaluation in the Absolute Nodal Coordinate Formulation. Mechanisms and Machine Science, 2017, , 179-184.	0.3	0
11	Nonlinear Dynamics of the Car Driving System with a Sequential Manual Transmission. Springer Proceedings in Mathematics and Statistics, 2016, , 49-58.	0.1	0
12	On the Modelling of Contact Forces in the Framework of Rigid Body Dynamics. Manufacturing Technology, 2014, 14, 136-141.	0.2	8