

Matej UrbanskÃ½

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

84
citations

1478505

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h-index

1372567

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g-index

13
all docs

13
docs citations

13
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	ANALYSIS OF THE IMPACT OF FLEXIBLE COUPLINGS ON GEARBOX VIBRATIONS. Scientific Journal of Silesian University of Technology Series Transport, 2016, 91, 43-50.	0.4	18
2	Transient Torsional Analysis of a Belt Conveyor Drive with Pneumatic Flexible Shaft Coupling. Acta Mechanica Et Automatica, 2017, 11, 69-72.	0.6	16
3	Design of Geometrical Parameters and Kinematical Characteristics of a Non-circular Gear Transmission for Given Parameters. Applied Sciences (Switzerland), 2021, 11, 1000.	2.5	15
4	TORSIONAL NATURAL FREQUENCY TUNING BY MEANS OF PNEUMATIC FLEXIBLE SHAFT COUPLINGS. Scientific Journal of Silesian University of Technology Series Transport, 2015, 89, 57-60.	0.4	12
5	The failures of flexible couplings due to self-heating by torsional vibrations – validation on the heat generation in pneumatic flexible tuner of torsional vibrations. Engineering Failure Analysis, 2021, 119, 104977.	4.0	9
6	Electronic Constant Twist Angle Control System Suitable for Torsional Vibration Tuning of Propulsion Systems. Journal of Marine Science and Engineering, 2020, 8, 721.	2.6	8
7	THE NEW REALIZED MOBILE DEVICE FOR EXTREMAL CONTROL RESEARCH AND PRESENTATION. Scientific Journal of Silesian University of Technology Series Transport, 2015, 89, 173-178.	0.4	2
8	Measurement of Air Springs Volume Using Indirect Method in the Design of Selected Pneumatic Devices. Acta Mechanica Et Automatica, 2018, 12, 19-22.	0.6	1
9	COMPARISON OF PISTON AND TANGENTIAL PNEUMATIC FLEXIBLE SHAFT COUPLINGS IN TERMS OF HIGH FLEXIBILITY. Scientific Journal of Silesian University of Technology Series Transport, 2018, 99, 193-203.	0.4	1
10	Contactless Measuring Device for Flexible Shaft Coupling Twist Angle. Lecture Notes in Mechanical Engineering, 2020, , 193-200.	0.4	1
11	HARMONIC ANALYSIS OF TORSIONAL VIBRATION FORCE EXCITATION. Scientific Journal of Silesian University of Technology Series Transport, 2017, 97, 181-187.	0.4	0
12	NEW DESIGN SOLUTIONS OF TANGENTIAL PNEUMATIC TORSIONAL VIBRATION TUNERS. Scientific Journal of Silesian University of Technology Series Transport, 2019, 103, 183-191.	0.4	0