

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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1372567

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13
all docs

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docs citations

13
times ranked

45
citing authors

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