

Alberto Martini

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

509
citations

687363

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20
docs citations

20
times ranked

447
citing authors

#	ARTICLE	IF	CITATIONS
1	Leak Detection in Water-Filled Small-Diameter Polyethylene Pipes by Means of Acoustic Emission Measurements. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 2.	2.5	96
2	Autocorrelation Analysis of Vibro-Acoustic Signals Measured in a Test Field for Water Leak Detection. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2450.	2.5	55
3	Automatic Leak Detection in Buried Plastic Pipes of Water Supply Networks by Means of Vibration Measurements. <i>Shock and Vibration</i> , 2015, 2015, 1-13.	0.6	53
4	Vibroacoustic Measurements for Detecting Water Leaks in Buried Small-Diameter Plastic Pipes. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2017, 8, .	1.6	46
5	Static balancing of a parallel kinematics machine with Linear-Delta architecture: theory, design and numerical investigation. <i>Mechanism and Machine Theory</i> , 2015, 90, 128-141.	4.5	34
6	Algorithm for the static balancing of serial and parallel mechanisms combining counterweights and springs: Generation, assessment and ranking of effective design variants. <i>Mechanism and Machine Theory</i> , 2019, 137, 336-354.	4.5	34
7	Elastodynamic behavior of balanced closed-loop mechanisms: numerical analysis of a four-bar linkage. <i>Meccanica</i> , 2014, 49, 601-614.	2.0	23
8	Gravity compensation of a 6-UPS parallel kinematics machine tool through elastically balanced constant-force generators. <i>FME Transactions</i> , 2018, 46, 10-16.	1.4	21
9	Static stress analysis of suspension systems for a solar-powered car. <i>FME Transactions</i> , 2019, 47, 70-75.	1.4	19
10	Elastodynamic Effects of Mass-Balancing: Experimental Investigation of a Four-Bar Linkage. <i>Advances in Mechanical Engineering</i> , 2013, 5, 949457.	1.6	15
11	Experimental Characterization of a High-Damping Viscoelastic Material Enclosed in Carbon Fiber Reinforced Polymer Components. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6193.	2.5	15
12	Strain Modal Testing with Fiber Bragg Gratings for Automotive Applications. <i>Sensors</i> , 2022, 22, 946.	3.8	14
13	Upgrade of an automated line for plastic cap manufacture based on experimental vibration analysis. <i>Case Studies in Mechanical Systems and Signal Processing</i> , 2016, 3, 28-33.	1.4	13
14	Kinematics optimization of the polishing process of large-sized ceramic slabs. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 1325-1336.	3.0	13
15	Virtual Testing of Counterbalance Forklift Trucks: Implementation and Experimental Validation of a Numerical Multibody Model. <i>Machines</i> , 2020, 8, 26.	2.2	13
16	STRUCTURAL AND ELASTODYNAMIC ANALYSIS OF ROTARY TRANSFER MACHINES BY FINITE ELEMENT MODEL. <i>Journal of the Serbian Society for Computational Mechanics</i> , 2017, 11, 1-16.	0.4	13
17	An Approach for Predicting the Specific Fuel Consumption of Dual-Fuel Two-Stroke Marine Engines. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 20.	2.6	11
18	Strain Modal Testing with Fiber Bragg Grating Sensors of Composite Components for Automotive Applications. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	Static Balancing of an Exechon-Like Parallel Mechanism. Lecture Notes in Mechanical Engineering, 2020, , 310-321.	0.4	0