

Roberto Caracciolo

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

151
citations

1307594

7
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-based dynamic compensation of load cell response in weighing machines affected by environmental vibrations. <i>Mechanical Systems and Signal Processing</i> , 2013, 34, 116-130.	8.0	40
2	Optimal design of ball-screw driven servomechanisms through an integrated mechatronic approach. <i>Mechatronics</i> , 2014, 24, 819-832.	3.3	21
3	Experimental validation of a model-based robust controller for multi-body mechanisms with flexible links. <i>Multibody System Dynamics</i> , 2008, 20, 129-145.	2.7	18
4	Energy Optimization of Functionally Redundant Robots through Motion Design. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3022.	2.5	17
5	Application of causality check and of the reduced variables method for experimental determination of Young's modulus of a viscoelastic material. <i>Mechanics of Materials</i> , 2001, 33, 693-703.	3.2	14
6	Robust Piecewise-Linear State Observers for Flexible Link Mechanisms. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2008, 130, .	1.6	14
7	Machine Learning-Based Models for the Estimation of the Energy Consumption in Metal Forming Processes. <i>Metals</i> , 2021, 11, 833.	2.3	14
8	Robust Assignment of Natural Frequencies and Antiresonances in Vibrating Systems through Dynamic Structural Modification. <i>Shock and Vibration</i> , 2021, 2021, 1-20.	0.6	5
9	Deformation Control in Rest-to-Rest Motion of Mechanisms with Flexible Links. <i>Shock and Vibration</i> , 2018, 2018, 1-9.	0.6	3
10	An Experimental Method to Determine Poisson's Ratio in a Small Beam Subject to Seismic Excitation. , 1997, , .		2
11	Does Inertia Matching Imply Energy Efficiency?. <i>Mechanisms and Machine Science</i> , 2022, , 282-289.	0.5	2
12	Title is missing!. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2003, 36, 1-21.	3.4	1
13	Title is missing!. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2003, 36, 23-44.	3.4	0
14	Kinematics Modeling of a Family of Pure Translational 3-PU ^r Parallel Linear Manipulators. , 2010, , .		0