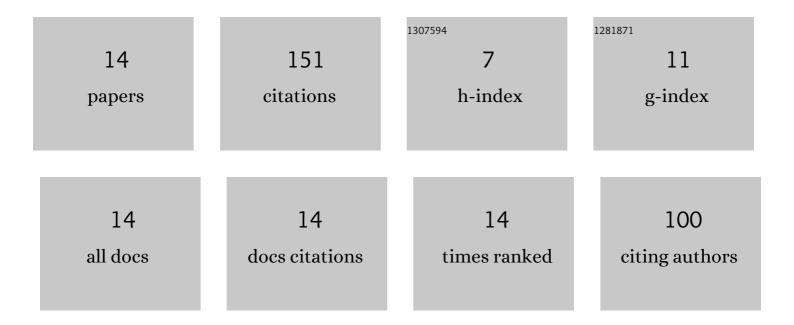
Roberto Caracciolo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Model-based dynamic compensation of load cell response in weighing machines affected by environmental vibrations. Mechanical Systems and Signal Processing, 2013, 34, 116-130.	8.0	40
2	Optimal design of ball-screw driven servomechanisms through an integrated mechatronic approach. Mechatronics, 2014, 24, 819-832.	3.3	21
3	Experimental validation of a model-based robust controller for multi-body mechanisms with flexible links. Multibody System Dynamics, 2008, 20, 129-145.	2.7	18
4	Energy Optimization of Functionally Redundant Robots through Motion Design. Applied Sciences (Switzerland), 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. Mechanics of Materials, 2001, 33, 693-703.	3.2	14
6	Robust Piecewise-Linear State Observers for Flexible Link Mechanisms. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2008, 130, .	1.6	14
7	Machine Learning-Based Models for the Estimation of the Energy Consumption in Metal Forming Processes. Metals, 2021, 11, 833.	2.3	14
8	Robust Assignment of Natural Frequencies and Antiresonances in Vibrating Systems through Dynamic Structural Modification. Shock and Vibration, 2021, 2021, 1-20.	0.6	5
9	Deformation Control in Rest-to-Rest Motion of Mechanisms with Flexible Links. Shock and Vibration, 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?. Mechanisms and Machine Science, 2022, , 282-289.	0.5	2
12	Title is missing!. Journal of Intelligent and Robotic Systems: Theory and Applications, 2003, 36, 1-21.	3.4	1
13	Title is missing!. Journal of Intelligent and Robotic Systems: Theory and Applications, 2003, 36, 23-44.	3.4	0
14	Kinematics Modeling of a Family of Pure Translational 3-P^UR Parallel Linear Manipulators. , 2010, , .		0