

Roberto Caracciolo

List of Publications by Year in descending order

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14
papers

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1307594

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100
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Does Inertia Matching Imply Energy Efficiency?. Mechanisms and Machine Science, 2022, , 282-289. | 0.5 | 2 |
| 2 | Machine Learning-Based Models for the Estimation of the Energy Consumption in Metal Forming Processes. Metals, 2021, 11, 833. | 2.3 | 14 |
| 3 | Robust Assignment of Natural Frequencies and Antiresonances in Vibrating Systems through Dynamic Structural Modification. Shock and Vibration, 2021, 2021, 1-20. | 0.6 | 5 |
| 4 | Energy Optimization of Functionally Redundant Robots through Motion Design. Applied Sciences (Switzerland), 2020, 10, 3022. | 2.5 | 17 |
| 5 | Deformation Control in Rest-to-Rest Motion of Mechanisms with Flexible Links. Shock and Vibration, 2018, 2018, 1-9. | 0.6 | 3 |
| 6 | Optimal design of ball-screw driven servomechanisms through an integrated mechatronic approach. Mechatronics, 2014, 24, 819-832. | 3.3 | 21 |
| 7 | 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 |
| 8 | Kinematics Modeling of a Family of Pure Translational 3-PU Parallel Linear Manipulators. , 2010, , . | | 0 |
| 9 | 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 |
| 10 | 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 |
| 11 | Title is missing!. Journal of Intelligent and Robotic Systems: Theory and Applications, 2003, 36, 23-44. | 3.4 | 0 |
| 12 | Title is missing!. Journal of Intelligent and Robotic Systems: Theory and Applications, 2003, 36, 1-21. | 3.4 | 1 |
| 13 | 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 |
| 14 | An Experimental Method to Determine Poisson's Ratio in a Small Beam Subject to Seismic Excitation. , 1997, , . | | 2 |