# Cesare Rossi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9449385/publications.pdf

Version: 2024-02-01

| 39 | 372 | 840776 11 | 839539 18 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 42 | 42 | 42 | 230 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Influence of the Tendon Design on the Behavior of an Under-Actuated Finger. Mechanisms and Machine Science, 2018, , 1033-1042. | 0.5 | 0 |
| 2 | Windmills: Ancestors of the wind power generation. Frontiers of Mechanical Engineering, 2017, 12, 389-396. | 4.3 | 4 |
| 3 | Multibody Model to Evaluate Quality Grasping of an Underactuated Mechanical Finger. Advances in Intelligent Systems and Computing, 2017, , 198-207. | 0.6 | 2 |
| 4 | An Analysis of the Hydraulic Saw of Hierapolis. Mechanisms and Machine Science, 2017, , 135-142. | 0.5 | 1 |
| 5 | Ancient Engineers' Inventions. History of Mechanism and Machine Science, 2017, , . | 0.2 | 7 |
| 6 | Study of an Underactuated Mechanical Finger Driven by Tendons. International Journal of Automation Technology, 2017, 11, 344-354. | 1.0 | 5 |
| 7 | Gripping Tests on an Underactuated Self-adapting Hand Prototype. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2016, , 199-206. | 0.6 | 0 |
| 8 | A model for the grasping analysis of an underactuated finger driven by unextensible tendon. MATEC Web of Conferences, 2016, 76, 04044. | 0.2 | 1 |
| 9 | Analysis of suitable geometrical parameters for designing a tendon-driven under-actuated mechanical finger. Frontiers of Mechanical Engineering, 2016, 11, 184-194. | 4.3 | 2 |
| 10 | Under-Actuated Finger Driven by Un-extendible Tendons Grasping Tests by WM 2Dâ„¢. , 2016, , . | | 0 |
| 11 | Simulation results of the grasping analysis of an underactuated finger. MATEC Web of Conferences, 2016, 76, 04045. | 0.2 | 0 |
| 12 | Ancient road transport devices: Developments from the Bronze Age to the Roman Empire. Frontiers of Mechanical Engineering, 2016, 11, 12-25. | 4.3 | 8 |
| 13 | Dynamical Model and Prototype Tests of a Self-Adaptive Mechanical Hand. International Review on Modelling and Simulations, 2016, 9, 97. | 0.3 | 5 |
| 14 | Dynamic Behaviour of an Underactuated Finger. Advances in Intelligent Systems and Computing, 2016, , 79-87. | 0.6 | 0 |
| 15 | The Beginning of the Automation. Advances in Intelligent Systems and Computing, 2016, , 59-67. | 0.6 | 0 |
| 16 | Performance Comparison Between FEDERICA Hand and LARM Hand. International Journal of Advanced Robotic Systems, 2015, 12, 90. | 2.1 | 33 |
| 17 | Mechanical Behavior and Performance of the Onager. Journal of Mechanical Design, Transactions of the ASME, 2015, 137, . | 2.9 | 2 |
| 18 | A study of a robotic hand with tendon driven fingers. Robotica, 2015, 33, 1034-1048. | 1.9 | 27 |

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|---|---|---|---|
| 19 | Performance of Greekâ€“Roman Artillery. Arms and Armour, 2015, 12, 67-89. | 0.3 | 5 |
| 20 | The Trojan Horse reconstruction. Mechanism and Machine Theory, 2015, 90, 261-282. | 4.5 | 8 |
| 21 | Mechanical behavior of the imperial carroballista. Mechanism and Machine Theory, 2014, 80, 142-150. | 4.5 | 15 |
| 22 | An Underactuated Multi-finger Grasping Device. International Journal of Advanced Robotic Systems, 2014, 11, 20. | 2.1 | 22 |
| 23 | An underactuated mechanical hand: A first prototype. , 2014, , . | | 16 |
| 24 | A New Mechanical Hand: Theoretical Studies and First Prototyping. International Review of Mechanical Engineering, 2014, 8, 835. | 0.2 | 12 |
| 25 | Robot trajectory planning by assigning positions and tangential velocities. Robotics and Computer-Integrated Manufacturing, 2013, 29, 139-156. | 9.9 | 45 |
| 26 | Mechanical model of a single tendon finger. , 2013, , . | | 11 |
| 27 | Ancient throwing machines: A method to calculate their performance. Mechanism and Machine Theory, 2012, 51, 1-13. | 4.5 | 15 |
| 28 | A Study on Possible Motors for Siege Towers. Journal of Mechanical Design, Transactions of the ASME, 2011, 133, . | 2.9 | 12 |
| 29 | A Robotic System to Scan and Reproduce Object. Journal of Robotics, 2011, 2011, 1-11. | 0.9 | 1 |
| 30 | A method for the calibration of a 3-D laser scanner. Robotics and Computer-Integrated Manufacturing, 2011, 27, 479-484. | 9.9 | 40 |
| 31 | A reconstruction of the Greekâ€“Roman repeating catapult. Mechanism and Machine Theory, 2010, 45, 36-45. | 4.5 | 15 |
| 32 | A new real-time shape acquisition with a laser scanner: first test results. Robotics and Computer-Integrated Manufacturing, 2010, 26, 543-550. | 9.9 | 20 |
| 33 | Archimedesâ€™ Cannons Against the Roman Fleet?. History of Mechanism and Machine Science, 2010, , 113-131. | 0.2 | 4 |
| 34 | Devices for Distance and Time Measurement at the Time of Roman Empire. , 2009, , 101-114. | | 4 |
| 35 | 3D Object Reconstruction Using a Robot Arm. , 2009, , 513-521. | | 3 |
| 36 | Automatic Weapons of the Roman Empire. , 2009, , 1-9. | | 0 |

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|---|---|---|---|
| 37 | 7Be radioactive beam production at CIRCE and its utilization in basic and applied physics. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 2117-2121. | 1.4 | 19 |
| 38 | An Application of Vision Systems to the Path Planning of Industrial Robots. , 2007, , 586-594. | | 3 |
| 39 | Oil feed influence on the behaviour of a journal bearing. Meccanica, 1988, 23, 232-242. | 2.0 | 2 |