

Cesare Rossi

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

372
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840776

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42
all docs

42
docs citations

42
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Robot trajectory planning by assigning positions and tangential velocities. <i>Robotics and Computer-Integrated Manufacturing</i> , 2013, 29, 139-156.	9.9	45
2	A method for the calibration of a 3-D laser scanner. <i>Robotics and Computer-Integrated Manufacturing</i> , 2011, 27, 479-484.	9.9	40
3	Performance Comparison Between FEDERICA Hand and LARM Hand. <i>International Journal of Advanced Robotic Systems</i> , 2015, 12, 90.	2.1	33
4	A study of a robotic hand with tendon driven fingers. <i>Robotica</i> , 2015, 33, 1034-1048.	1.9	27
5	An Underactuated Multi-finger Grasping Device. <i>International Journal of Advanced Robotic Systems</i> , 2014, 11, 20.	2.1	22
6	A new real-time shape acquisition with a laser scanner: first test results. <i>Robotics and Computer-Integrated Manufacturing</i> , 2010, 26, 543-550.	9.9	20
7	⁷ Be radioactive beam production at CIRCE and its utilization in basic and applied physics. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 2117-2121.	1.4	19
8	An underactuated mechanical hand: A first prototype. , 2014, , .		16
9	A reconstruction of the Greek-Roman repeating catapult. <i>Mechanism and Machine Theory</i> , 2010, 45, 36-45.	4.5	15
10	Ancient throwing machines: A method to calculate their performance. <i>Mechanism and Machine Theory</i> , 2012, 51, 1-13.	4.5	15
11	Mechanical behavior of the imperial carroballista. <i>Mechanism and Machine Theory</i> , 2014, 80, 142-150.	4.5	15
12	A Study on Possible Motors for Siege Towers. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2011, 133, .	2.9	12
13	A New Mechanical Hand: Theoretical Studies and First Prototyping. <i>International Review of Mechanical Engineering</i> , 2014, 8, 835.	0.2	12
14	Mechanical model of a single tendon finger. , 2013, , .		11
15	The Trojan Horse reconstruction. <i>Mechanism and Machine Theory</i> , 2015, 90, 261-282.	4.5	8
16	Ancient road transport devices: Developments from the Bronze Age to the Roman Empire. <i>Frontiers of Mechanical Engineering</i> , 2016, 11, 12-25.	4.3	8
17	Ancient Engineers' Inventions. <i>History of Mechanism and Machine Science</i> , 2017, , .	0.2	7
18	Performance of Greek-Roman Artillery. <i>Arms and Armour</i> , 2015, 12, 67-89.	0.3	5

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19	Dynamical Model and Prototype Tests of a Self-Adaptive Mechanical Hand. International Review on Modelling and Simulations, 2016, 9, 97.	0.3	5
20	Study of an Underactuated Mechanical Finger Driven by Tendons. International Journal of Automation Technology, 2017, 11, 344-354.	1.0	5
21	Devices for Distance and Time Measurement at the Time of Roman Empire. , 2009, , 101-114.		4
22	Windmills: Ancestors of the wind power generation. Frontiers of Mechanical Engineering, 2017, 12, 389-396.	4.3	4
23	Archimedesâ€™ Cannons Against the Roman Fleet?. History of Mechanism and Machine Science, 2010, , 113-131.	0.2	4
24	3D Object Reconstruction Using a Robot Arm. , 2009, , 513-521.		3
25	An Application of Vision Systems to the Path Planning of Industrial Robots. , 2007, , 586-594.		3
26	Oil feed influence on the behaviour of a journal bearing. Meccanica, 1988, 23, 232-242.	2.0	2
27	Mechanical Behavior and Performance of the Onager. Journal of Mechanical Design, Transactions of the ASME, 2015, 137, .	2.9	2
28	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
29	Multibody Model to Evaluate Quality Grasping of an Underactuated Mechanical Finger. Advances in Intelligent Systems and Computing, 2017, , 198-207.	0.6	2
30	A Robotic System to Scan and Reproduce Object. Journal of Robotics, 2011, 2011, 1-11.	0.9	1
31	A model for the grasping analysis of an underactuated finger driven by unextensible tendon. MATEC Web of Conferences, 2016, 76, 04044.	0.2	1
32	An Analysis of the Hydraulic Saw of Hierapolis. Mechanisms and Machine Science, 2017, , 135-142.	0.5	1
33	Gripping Tests on an Underactuated Self-adapting Hand Prototype. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2016, , 199-206.	0.6	0
34	Under-Actuated Finger Driven by Un-extendible Tendons Grasping Tests by WM 2Dâ„¸., 2016, , .		0
35	Simulation results of the grasping analysis of an underactuated finger. MATEC Web of Conferences, 2016, 76, 04045.	0.2	0
36	Dynamic Behaviour of an Underactuated Finger. Advances in Intelligent Systems and Computing, 2016, , 79-87.	0.6	0

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37	The Beginning of the Automation. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 59-67.	0.6	0
38	Influence of the Tendon Design on the Behavior of an Under-Actuated Finger. <i>Mechanisms and Machine Science</i> , 2018, , 1033-1042.	0.5	0
39	Automatic Weapons of the Roman Empire. , 2009, , 1-9.		0