

David Rodriguez-Cianca

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6942926/publications.pdf>

Version: 2024-02-01

10
papers

133
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and design of an energy-efficient dual-motor actuation unit with a planetary differential and holding brakes. <i>Mechatronics</i> , 2018, 49, 134-148.	3.3	26
2	Characterization and Evaluation of Human-Exoskeleton Interaction Dynamics: A Review. <i>Sensors</i> , 2022, 22, 3993.	3.8	22
3	A Variable Stiffness Actuator Module With Favorable Mass Distribution for a Bio-inspired Biped Robot. <i>Frontiers in Neurobotics</i> , 2019, 13, 20.	2.8	16
4	Investigating the Effects of Strapping Pressure on Human-Robot Interface Dynamics Using a Soft Robotic Cuff. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2021, 3, 146-155.	3.2	15
5	Design and Evaluation of a Passive Cable-Driven Occupational Shoulder Exoskeleton. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2021, 3, 1020-1031.	3.2	15
6	Kinematically redundant actuators, a solution for conflicting torque-speed requirements. <i>International Journal of Robotics Research</i> , 2019, 38, 612-629.	8.5	14
7	Online Reconfiguration of a Variable-Stiffness Actuator. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018, 23, 1866-1876.	5.8	12
8	A Flexible shaft-driven Remote and Torsionally Compliant Actuator (RTCA) for wearable robots. <i>Mechatronics</i> , 2019, 59, 178-188.	3.3	8
9	The two-degree-of-freedom cable pulley (2DCP) transmission system: An under-actuated and motion decoupled transmission for robotic applications. <i>Mechanism and Machine Theory</i> , 2020, 148, 103765.	4.5	4
10	A compliant 2-DoF ankle-foot system for a biologically inspired humanoid robot. , 2015, , .		1