

Lucas Gerez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10826404/publications.pdf>

Version: 2024-02-01

12
papers

187
citations

1478505

6
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Development of Adaptive, Tendon-Driven, Wearable Exo-Gloves for Grasping Capabilities Enhancement. IEEE Robotics and Automation Letters, 2019, 4, 422-429.	5.1	49
2	A Soft Exoglove Equipped With a Wearable Muscle-Machine Interface Based on Force Myography and Electromyography. IEEE Robotics and Automation Letters, 2019, 4, 3240-3246.	5.1	32
3	A Hybrid, Wearable Exoskeleton Glove Equipped With Variable Stiffness Joints, Abduction Capabilities, and a Telescopic Thumb. IEEE Access, 2020, 8, 173345-173358.	4.2	24
4	A Hybrid, Soft Exoskeleton Glove Equipped with a Telescopic Extra Thumb and Abduction Capabilities. , 2020, , .		22
5	On Alternative Uses of Structural Compliance for the Development of Adaptive Robot Grippers and Hands. Frontiers in Neurorobotics, 2019, 13, 91.	2.8	20
6	Improving Robotic Manipulation Without Sacrificing Grasping Efficiency: A Multi-Modal, Adaptive Gripper With Reconfigurable Finger Bases. IEEE Access, 2021, 9, 83298-83308.	4.2	14
7	A Pneumatically Driven, Disposable, Soft Robotic Gripper Equipped With Multi-Stage, Retractable, Telescopic Fingers. IEEE Transactions on Medical Robotics and Bionics, 2021, 3, 573-582.	3.2	10
8	An Underactuated, Tendon-Driven, Wearable Exo-Glove With a Four-Output Differential Mechanism. , 2019, 2019, 6224-6228.		7
9	Employing Pneumatic, Telescopic Actuators for the Development of Soft and Hybrid Robotic Grippers. Frontiers in Robotics and AI, 2020, 7, 601274.	3.2	6
10	A Pneumatically Driven, Disposable, Soft Robotic Gripper Equipped with Retractable, Telescopic Fingers. , 2020, , .		3
11	Leveraging Human Perception in Robot Grasping and Manipulation Through Crowdsourcing and Gamification. Frontiers in Robotics and AI, 2021, 8, 652760.	3.2	0
12	A Hybrid, Soft Robotic Exoskeleton Glove with Inflatable, Telescopic Structures and a Shared Control Operation Scheme. , 2022, , .		0