

Lucas Gerez

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

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citations

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12
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165
citing authors

#	ARTICLE	IF	CITATIONS
1	A Hybrid, Soft Robotic Exoskeleton Glove with Inflatable, Telescopic Structures and a Shared Control Operation Scheme. , 2022, , .		0
2	Leveraging Human Perception in Robot Grasping and Manipulation Through Crowdsourcing and Gamification. Frontiers in Robotics and AI, 2021, 8, 652760.	3.2	0
3	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
4	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
5	A Hybrid, Soft Exoskeleton Glove Equipped with a Telescopic Extra Thumb and Abduction Capabilities. , 2020, , .		22
6	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
7	A Pneumatically Driven, Disposable, Soft Robotic Gripper Equipped with Retractable, Telescopic Fingers. , 2020, , .		3
8	Employing Pneumatic, Telescopic Actuators for the Development of Soft and Hybrid Robotic Grippers. Frontiers in Robotics and AI, 2020, 7, 601274.	3.2	6
9	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
10	On Alternative Uses of Structural Compliance for the Development of Adaptive Robot Grippers and Hands. Frontiers in Neurorobotics, 2019, 13, 91.	2.8	20
11	An Underactuated, Tendon-Driven, Wearable Exo-Glove With a Four-Output Differential Mechanism. , 2019, 2019, 6224-6228.		7
12	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