

Toshihiro Nishimura

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Variable-Grasping-Mode Underactuated Soft Gripper With Environmental Contact-Based Operation. IEEE Robotics and Automation Letters, 2017, 2, 1164-1171.	3.3	56
2	Lightweight, High-Force Gripper Inspired by Chuck Clamping Devices. IEEE Robotics and Automation Letters, 2018, 3, 1354-1361.	3.3	22
3	Surface Texture of Deformable Robotic Fingertips for a Stable Grasp Under Both Dry and Wet Conditions. IEEE Robotics and Automation Letters, 2017, 2, 2048-2055.	3.3	17
4	Fluid Pressure Monitoring-Based Strategy for Delicate Grasping of Fragile Objects by A Robotic Hand with Fluid Fingertips. Sensors, 2019, 19, 782.	2.1	17
5	Microgrripper-Embedded Fluid Fingertip-Enhancing Positioning and Holding Abilities for Versatile Grasping. Journal of Mechanisms and Robotics, 2017, 9, .	1.5	10
6	Soft Robotic Hand With Finger-Bending/Friction-Reduction Switching Mechanism Through 1-Degree-of-Freedom Flow Control. IEEE Robotics and Automation Letters, 2022, 7, 5695-5702.	3.3	10
7	1-Degree-of-Freedom Robotic Gripper With Infinite Self-Twist Function. IEEE Robotics and Automation Letters, 2022, 7, 8447-8454.	3.3	4
8	Development of assembly system with quick and low-cost installation. Advanced Robotics, 0, , 1-15.	1.1	2
9	Bent Sheet Grasping Stability for Sheet Manipulation. IEEE Robotics and Automation Letters, 2016, 1, 415-422.	3.3	1