

Leonardo Meli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6881633/publications.pdf>

Version: 2024-02-01

20
papers

686
citations

1040056

9
h-index

1199594

12
g-index

21
all docs

21
docs citations

21
times ranked

644
citing authors

#	ARTICLE	IF	CITATIONS
1	Cutaneous haptic feedback to ensure the stability of robotic teleoperation systems. International Journal of Robotics Research, 2015, 34, 1773-1787.	8.5	100
2	Sensory Subtraction in Robot-Assisted Surgery: Fingertip Skin Deformation Feedback to Ensure Safety and Improve Transparency in Bimanual Haptic Interaction. IEEE Transactions on Biomedical Engineering, 2014, 61, 1318-1327.	4.2	82
3	The hRing: A wearable haptic device to avoid occlusions in hand tracking. , 2016, , .		67
4	Experimental evaluation of magnified haptic feedback for robot-assisted needle insertion and palpation. International Journal of Medical Robotics and Computer Assisted Surgery, 2017, 13, e1809.	2.3	64
5	GESTO: A Glove for Enhanced Sensing and Touching Based on Inertial and Magnetic Sensors for Hand Tracking and Cutaneous Feedback. IEEE Transactions on Human-Machine Systems, 2017, 47, 1066-1076.	3.5	61
6	Two Finger Grasping Simulation with Cutaneous and Kinesthetic Force Feedback. Lecture Notes in Computer Science, 2012, , 373-382.	1.3	53
7	The hBracelet: A Wearable Haptic Device for the Distributed Mechanotactile Stimulation of the Upper Limb. IEEE Robotics and Automation Letters, 2018, 3, 2198-2205.	5.1	42
8	Touch the virtual reality. , 2015, , .		40
9	Using the robotic sixth finger and vibrotactile feedback for grasp compensation in chronic stroke patients. , 2015, , .		36
10	Vibrotactile haptic feedback for intuitive control of robotic extra fingers. , 2015, , .		26
11	Wearable haptics and hand tracking via an RGB-D camera for immersive tactile experiences. , 2014, , .		23
12	Combining Wearable Finger Haptics and Augmented Reality: User Evaluation Using an External Camera and the Microsoft HoloLens. IEEE Robotics and Automation Letters, 2018, 3, 4297-4304.	5.1	21
13	Multicontact Bilateral Telemanipulation With Kinematic Asymmetries. IEEE/ASME Transactions on Mechatronics, 2017, 22, 445-456.	5.8	18
14	Digital Handwriting with a Finger or a Stylus: A Biomechanical Comparison. IEEE Transactions on Haptics, 2015, 8, 356-370.	2.7	17
15	Sensory-motor augmentation of the robot with shared human perception. , 2018, , .		8
16	Presenting Surface Features Using a Haptic Ring: A Psychophysical Study on Relocating Vibrotactile Feedback. IEEE Transactions on Haptics, 2019, 12, 428-437.	2.7	8
17	A robotic microsurgical forceps for transoral laser microsurgery. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 321-333.	2.8	7
18	Hand in air tapping: A wearable input technology to type wireless. , 2017, , .		6

#	ARTICLE	IF	CITATIONS
19	Multi-contact bilateral telemanipulation using wearable haptics. , 2016, , .		5
20	Task-Oriented Approach to Simulate a Grasping Action Through Underactuated Haptic Devices. Lecture Notes in Computer Science, 2014, , 249-257.	1.3	2