Tommaso Lisini Baldi

List of Publications by Year
in descending order

30	347	1163117 8	996975 15
papers	citations	h-index	g-index

31	31	31	327
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simultaneous control of natural and extra degrees of freedom by isometric force and electromyographic activity in the muscle-to-force null space. Journal of Neural Engineering, 2022, 19, 016004.	3.5	13
2	Design and Comparison of Haptic Policies for Human Guidance. , 2022, , .		0
3	Design, Development, and Control of a Hand/Wrist Exoskeleton for Rehabilitation and Training. IEEE Transactions on Robotics, 2022, 38, 1472-1488.	10.3	21
4	Feasibility of TMS in patients with new generation cochlear implants. Clinical Neurophysiology, 2021, 132, 723-729.	1.5	3
5	Reducing Face-Touches to Limit COVID-19 Outbreak: an Overview of Solutions. , 2021, , .		3
6	Mobile Augmented Reality Integrating Fingertip Haptic Devices and Wrist-Worn Visual Displays. , 2021, , .		0
7	Generating Kinesthetic Feedback Using Self Contact and Velocity Scaling. , 2021, , .		1
8	Human augmentation by wearable supernumerary robotic limbs: review and perspectives. Progress in Biomedical Engineering, 2021, 3, 042005.	4.9	31
9	Emerging of new bioartificial corticospinal motor synergies using a robotic additional thumb. Scientific Reports, 2021, 11, 18487.	3.3	9
10	A Human Gesture Mapping Method to Control a Multiâ€Functional Hand for Robotâ€Assisted Laparoscopic Surgery: The MUSHA Case. Frontiers in Robotics and AI, 2021, 8, 741807.	3.2	3
11	Upper Body Pose Estimation Using Wearable Inertial Sensors and Multiplicative Kalman Filter. IEEE Sensors Journal, 2020, 20, 492-500.	4.7	33
12	Development of a Low-cost Glove for Thumb Rehabilitation: Design and Evaluation. , 2020, , .		1
13	Preventing Undesired Face-Touches With Wearable Devices and Haptic Feedback. IEEE Access, 2020, 8, 139033-139043.	4.2	26
14	Design, development, and preliminary evaluation of a highly wearable exoskeleton. , 2020, , .		9
15	Design, Development, and Control of a Tendon-actuated Exoskeleton for Wrist Rehabilitation and Training. , 2020, , .		10
16	Wearable haptic anklets for gait and freezing improvement in Parkinsonâ€™s disease: a proof-of-concept study. Neurological Sciences, 2020, 41, 3643-3651.	1.9	12
17	Combining Wristband Display and Wearable Haptics for Augmented Reality. , 2020, , .		2
18	Hand Guidance Using Grasping Metaphor and Wearable Haptics. , 2020, , .		6

#	Article	IF	Citations
19	Wearable Haptics for Remote Social Walking. IEEE Transactions on Haptics, 2020, 13, 761-776.	2.7	8
20	Instrumenting Hand-Held Surgical Drills with a Pneumatic Sensing Cover forÂHaptic Feedback. Lecture Notes in Computer Science, 2020, , 398-406.	1.3	2
21	Human Rendezvous via Haptic Suggestion. Lecture Notes in Electrical Engineering, 2019, , 262-267.	0.4	1
22	Haptic Guidance in Dynamic Environments Using Optimal Reciprocal Collision Avoidance. IEEE Robotics and Automation Letters, 2018, 3, 265-272.	5.1	29
23	Comparison of Three Hand Pose Reconstruction Algorithms Using Inertial and Magnetic Measurement Units. , 2018, , .		4
24	Rendering of Pressure and Textures Using Wearable Haptics in Immersive VR Environments. , 2018, , .		12
25	Human Guidance: Suggesting Walking Pace Under Manual and Cognitive Load. Lecture Notes in Computer Science, 2018, , 416-427.	1.3	5
26	Design of a wearable interface for lightweight robotic arm for people with mobility impairments. , 2017, 2017, 1567-1573.		18
27	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
28	Hand in air tapping: A wearable input technology to type wireless. , 2017, , .		6
29	Fingertip force estimation via inertial and magnetic sensors in deformable object manipulation. , 2016, , .		11
30	Using inertial and magnetic sensors for hand tracking and rendering in wearable haptics. , 2015, , .		7