

# Tommaso Lisini Baldi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3799100/publications.pdf>

Version: 2024-02-01

30  
papers

347  
citations

1163117

8  
h-index

996975

15  
g-index

31  
all docs

31  
docs citations

31  
times ranked

327  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Upper Body Pose Estimation Using Wearable Inertial Sensors and Multiplicative Kalman Filter. IEEE Sensors Journal, 2020, 20, 492-500.	4.7	33
3	Human augmentation by wearable supernumerary robotic limbs: review and perspectives. Progress in Biomedical Engineering, 2021, 3, 042005.	4.9	31
4	Haptic Guidance in Dynamic Environments Using Optimal Reciprocal Collision Avoidance. IEEE Robotics and Automation Letters, 2018, 3, 265-272.	5.1	29
5	Preventing Undesired Face-Touches With Wearable Devices and Haptic Feedback. IEEE Access, 2020, 8, 139033-139043.	4.2	26
6	Design, Development, and Control of a Hand/Wrist Exoskeleton for Rehabilitation and Training. IEEE Transactions on Robotics, 2022, 38, 1472-1488.	10.3	21
7	Design of a wearable interface for lightweight robotic arm for people with mobility impairments. , 2017, 2017, 1567-1573.		18
8	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
9	Rendering of Pressure and Textures Using Wearable Haptics in Immersive VR Environments. , 2018, , .		12
10	Wearable haptic anklets for gait and freezing improvement in Parkinson's disease: a proof-of-concept study. Neurological Sciences, 2020, 41, 3643-3651.	1.9	12
11	Fingertip force estimation via inertial and magnetic sensors in deformable object manipulation. , 2016, , .		11
12	Design, Development, and Control of a Tendon-actuated Exoskeleton for Wrist Rehabilitation and Training. , 2020, , .		10
13	Design, development, and preliminary evaluation of a highly wearable exoskeleton. , 2020, , .		9
14	Emerging of new bioartificial corticospinal motor synergies using a robotic additional thumb. Scientific Reports, 2021, 11, 18487.	3.3	9
15	Wearable Haptics for Remote Social Walking. IEEE Transactions on Haptics, 2020, 13, 761-776.	2.7	8
16	Using inertial and magnetic sensors for hand tracking and rendering in wearable haptics. , 2015, , .		7
17	Hand in air tapping: A wearable input technology to type wireless. , 2017, , .		6
18	Hand Guidance Using Grasping Metaphor and Wearable Haptics. , 2020, , .		6

#	ARTICLE	IF	CITATIONS
19	Human Guidance: Suggesting Walking Pace Under Manual and Cognitive Load. Lecture Notes in Computer Science, 2018, , 416-427.	1.3	5
20	Comparison of Three Hand Pose Reconstruction Algorithms Using Inertial and Magnetic Measurement Units. , 2018, , .		4
21	Feasibility of TMS in patients with new generation cochlear implants. Clinical Neurophysiology, 2021, 132, 723-729.	1.5	3
22	Reducing Face-Touches to Limit COVID-19 Outbreak: an Overview of Solutions. , 2021, , .		3
23	A Human Gesture Mapping Method to Control a Multi-Functional Hand for Robot-Assisted Laparoscopic Surgery: The MUSHA Case. Frontiers in Robotics and AI, 2021, 8, 741807.	3.2	3
24	Combining Wristband Display and Wearable Haptics for Augmented Reality. , 2020, , .		2
25	Instrumenting Hand-Held Surgical Drills with a Pneumatic Sensing Cover for Haptic Feedback. Lecture Notes in Computer Science, 2020, , 398-406.	1.3	2
26	Development of a Low-cost Glove for Thumb Rehabilitation: Design and Evaluation. , 2020, , .		1
27	Generating Kinesthetic Feedback Using Self Contact and Velocity Scaling. , 2021, , .		1
28	Human Rendezvous via Haptic Suggestion. Lecture Notes in Electrical Engineering, 2019, , 262-267.	0.4	1
29	Mobile Augmented Reality Integrating Fingertip Haptic Devices and Wrist-Worn Visual Displays. , 2021, , .		0
30	Design and Comparison of Haptic Policies for Human Guidance. , 2022, , .		0