

# Massimiliano Di Luca

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8658116/publications.pdf>

Version: 2024-02-01

75  
papers

1,753  
citations

430442

18  
h-index

344852

36  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1583  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perceived Intensities of Normal and Shear Skin Stimuli Using a Wearable Haptic Bracelet. IEEE Robotics and Automation Letters, 2022, 7, 6099-6106.	3.3	7
2	Skin and Mechanoreceptor Contribution to Tactile Input for Perception: A Review of Simulation Models. Frontiers in Human Neuroscience, 2022, 16, .	1.0	17
3	Static Weight Perception Through Skin Stretch and Kinesthetic Information: Detection Thresholds, JNDs, and PSEs. IEEE Transactions on Haptics, 2021, 14, 20-31.	1.8	5
4	Tactile Echoes: Multisensory Augmented Reality for the Hand. IEEE Transactions on Haptics, 2021, 14, 835-848.	1.8	6
5	Locomotion Vault: the Extra Mile in Analyzing VR Locomotion Techniques. , 2021, , .		39
6	PrendoSim: Proxy-Hand-Based Robot Grasp Generator. , 2021, , .		2
7	PrendoSim: Proxy-Hand-Based Robot Grasp Generator. , 2021, , .		1
8	The Predictive Perception of Dynamic Vibrotactile Stimuli Applied to the Fingertip*. , 2020, , .		0
9	Contact forces in roughness discrimination. Scientific Reports, 2020, 10, 5108.	1.6	10
10	Causality shifts the perceived temporal order of audiovisual events.. Journal of Experimental Psychology: Human Perception and Performance, 2020, 46, 890-900.	0.7	6
11	Virtual Grasping Feedback and Virtual Hand Ownership. , 2019, , .		19
12	The Effect of Hand Size and Interaction Modality on the Virtual Hand Illusion. , 2019, , .		43
13	Perceptual Limits of Visual-Haptic Simultaneity in Virtual Reality Interactions. , 2019, , .		15
14	Exogenous cueing of visual attention using small, directional, tactile cues applied to the fingertip*. , 2019, , .		0
15	Tactile Echoes: A Wearable System for Tactile Augmentation of Objects. , 2019, , .		7
16	The contributions of skin stretch and kinesthetic information to static weight perception. , 2019, , .		5
17	The frequency of tactile adaptation systematically biases subsequent frequency identification*. , 2019, , .		0
18	An Experimental Setup to Test Dual-Joystick Directional Responses to Vibrotactile Stimuli. IEEE Transactions on Haptics, 2018, 11, 378-387.	1.8	15

#	ARTICLE	IF	CITATIONS
19	Peri-personal space as a prior in coupling visual and proprioceptive signals. <i>Scientific Reports</i> , 2018, 8, 15819.	1.6	31
20	Musical Scales in Tone Sequences Improve Temporal Accuracy. <i>Frontiers in Psychology</i> , 2018, 9, 105.	1.1	1
21	Modality-specific temporal constraints for state-dependent interval timing. <i>Scientific Reports</i> , 2018, 8, 10043.	1.6	4
22	Touch with foreign hands. , 2018, , .		39
23	Experimental Evaluation of Vibrotactile Training Mappings for Dual-Joystick Directional Guidance. <i>Lecture Notes in Computer Science</i> , 2018, , 575-586.	1.0	0
24	A common cause in the phenomenological and sensorimotor correlates of body ownership. <i>Journal of Vision</i> , 2018, 18, 1230.	0.1	1
25	An experimental setup to test dual-joystick directional responses to vibrotactile stimuli. , 2017, , .		2
26	Temporal Regularity of the Environment Drives Time Perception. <i>PLoS ONE</i> , 2016, 11, e0159842.	1.1	10
27	Depth: the Forgotten Dimension in Multisensory Research. <i>Multisensory Research</i> , 2016, 29, 493-524.	0.6	27
28	The consistency of crossmodal synchrony perception across the visual, auditory, and tactile senses.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 1026-1038.	0.7	14
29	Differential processing of binocular and monocular gloss cues in human visual cortex. <i>Journal of Neurophysiology</i> , 2016, 115, 2779-2790.	0.9	10
30	Optimal Perceived Timing: Integrating Sensory Information with Dynamically Updated Expectations. <i>Scientific Reports</i> , 2016, 6, 28563.	1.6	35
31	For the Last Time: Temporal Sensitivity and Perceived Timing of the Final Stimulus in an Isochronous Sequence. <i>Timing and Time Perception</i> , 2016, 4, 123-146.	0.4	9
32	Look but don't touch: Visual cues to surface structure drive somatosensory cortex. <i>NeuroImage</i> , 2016, 128, 353-361.	2.1	27
33	Perceived time and temporal structure: Neural entrainment to isochronous stimulation increases duration estimates. <i>NeuroImage</i> , 2016, 132, 148-156.	2.1	10
34	Filling the blanks in temporal intervals: the type of filling influences perceived duration and discrimination performance. <i>Frontiers in Psychology</i> , 2015, 6, 114.	1.1	18
35	fMRI evidence for areas that process surface gloss in the human visual cortex. <i>Vision Research</i> , 2015, 109, 149-157.	0.7	31
36	Speed/accuracy tradeoff in force perception.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015, 41, 738-746.	0.7	4

#	ARTICLE	IF	CITATIONS
37	Taking a long look at isochrony: Perceived duration increases with temporal, but not stimulus regularity. <i>Attention, Perception, and Psychophysics</i> , 2015, 77, 592-602.	0.7	16
38	Timing Rhythms: Perceived Duration Increases with a Predictable Temporal Structure of Short Interval Fillers. <i>PLoS ONE</i> , 2015, 10, e0141018.	1.1	7
39	Progressive Co-adaptation in Human-Machine Interaction. , 2015, , .		15
40	Brain processing of gloss information with 2D and 3D depth cues. <i>Journal of Vision</i> , 2015, 15, 818.	0.1	2
41	The Duration of Uncertain Times: Audiovisual Information about Intervals Is Integrated in a Statistically Optimal Fashion. <i>PLoS ONE</i> , 2014, 9, e89339.	1.1	48
42	Perceived Simultaneity with Crossmodal Pairs of Stimuli. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 36-37.	0.5	0
43	Light Source Distance Affects Perceived Audiovisual Simultaneity. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 151.	0.5	2
44	Perception of Duration with Irregularly Filled Intervals. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 224-225.	0.5	1
45	Probabilistic Distortions of Temporal Judgments with Isochronous Sequences. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 231-232.	0.5	0
46	A Bayesian Framework for the Perceived Timing of Rhythmic Stimuli. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 126, 115-116.	0.5	0
47	Duration perception in crossmodally-defined intervals. <i>Acta Psychologica</i> , 2014, 147, 2-9.	0.7	22
48	Computational Aspects of Softness Perception. <i>Springer Series on Touch and Haptic Systems</i> , 2014, , 85-106.	0.2	7
49	Response Time-Dependent Force Perception During Hand Movement. <i>Lecture Notes in Computer Science</i> , 2014, , 85-92.	1.0	1
50	Sensitivity of temporal order judgments with repeated stimuli. <i>Multisensory Research</i> , 2013, 26, 74.	0.6	0
51	Time and time again: Temporal influences of repeated stimuli. <i>Seeing and Perceiving</i> , 2012, 25, 10.	0.4	0
52	Multisensory simultaneity recalibration: storage of the aftereffect in the absence of counterevidence. <i>Experimental Brain Research</i> , 2012, 217, 89-97.	0.7	24
53	Audiovisual asynchrony detection in human speech.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2011, 37, 245-256.	0.7	51
54	Effects of visual haptic asynchronies and loading-unloading movements on compliance perception. <i>Brain Research Bulletin</i> , 2011, 85, 245-259.	1.4	71

#	ARTICLE	IF	CITATIONS
55	Perceived compliance in a pinch. <i>Vision Research</i> , 2011, 51, 961-967.	0.7	19
56	Multisensory Perception: From Integration to Remapping. , 2011, , 224-250.		52
57	The Rubber Hand Illusion: Feeling of Ownership and Proprioceptive Drift Do Not Go Hand in Hand. <i>PLoS ONE</i> , 2011, 6, e21659.	1.1	397
58	Combination and Integration in the Perception of Visual-Haptic Compliance Information. <i>IEEE Transactions on Haptics</i> , 2010, 3, 234-244.	1.8	80
59	Learning to Use an Invisible Visual Signal for Perception. <i>Current Biology</i> , 2010, 20, 1860-1863.	1.8	24
60	Inconsistency of perceived 3D shape. <i>Vision Research</i> , 2010, 50, 1519-1531.	0.7	25
61	Perception of Delay in Haptic Telepresence Systems. <i>Presence: Teleoperators and Virtual Environments</i> , 2010, 19, 389-399.	0.3	29
62	User-based evaluation of data-driven haptic rendering. <i>ACM Transactions on Applied Perception</i> , 2010, 8, 1-23.	1.2	16
63	Within- and Cross-Modal Distance Information Disambiguate Visual Size-Change Perception. <i>PLoS Computational Biology</i> , 2010, 6, e1000697.	1.5	14
64	New Method to Measure End-to-End Delay of Virtual Reality. <i>Presence: Teleoperators and Virtual Environments</i> , 2010, 19, 569-584.	0.3	66
65	Spatial integration of curved surfaces in structure from motion. <i>Journal of Vision</i> , 2010, 3, 276-276.	0.1	0
66	Spatial integration in structure from motion. <i>Journal of Vision</i> , 2010, 2, 648-648.	0.1	0
67	Recalibration of multisensory simultaneity: Cross-modal transfer coincides with a change in perceptual latency. <i>Journal of Vision</i> , 2009, 9, 7-7.	0.1	128
68	Nonlinear characterization of a simple process in human vision. <i>Journal of Vision</i> , 2009, 9, 1-1.	0.1	55
69	Computationally efficient techniques for data-driven haptic rendering. , 2009, , .		10
70	Influence of visual and haptic delays on stiffness perception in augmented reality. , 2009, , .		42
71	Motion Primitives of Dancing. <i>Lecture Notes in Computer Science</i> , 2008, , 838-843.	1.0	1
72	The relation between disparity and velocity signals of rigidly moving objects constrains depth order perception. <i>Vision Research</i> , 2007, 47, 1335-1349.	0.7	10

#	ARTICLE	IF	CITATIONS
73	Spatial integration in structure from motion. <i>Vision Research</i> , 2004, 44, 3001-3013.	0.7	13
74	Short-term temporal recruitment in structure from motion. <i>Vision Research</i> , 2002, 42, 1213-1223.	0.7	14
75	Illusory 3-D rotation induced by dynamic image shading. <i>Perception &amp; Psychophysics</i> , 2002, 64, 366-379.	2.3	2