Massimiliano Di Luca

List of Publications by Year
in descending order

75 papers	1,753 citations	430874 18 h-index	345221 36 g-index
82 all docs	82 docs citations	82 times ranked	1583 citing authors

#	Article	IF	Citations
1	The Rubber Hand Illusion: Feeling of Ownership and Proprioceptive Drift Do Not Go Hand in Hand. PLoS ONE, 2011, 6, e21659.	2.5	397
2	Recalibration of multisensory simultaneity: Cross-modal transfer coincides with a change in perceptual latency. Journal of Vision, 2009, 9, 7-7.	0.3	128
3	Combination and Integration in the Perception of Visual-Haptic Compliance Information. IEEE Transactions on Haptics, 2010, 3, 234-244.	2.7	80
4	Effects of visualâ€"haptic asynchronies and loadingâ€"unloading movements on compliance perception. Brain Research Bulletin, 2011, 85, 245-259.	3.0	71
5	New Method to Measure End-to-End Delay of Virtual Reality. Presence: Teleoperators and Virtual Environments, 2010, 19, 569-584.	0.6	66
6	Nonlinear characterization of a simple process in human vision. Journal of Vision, 2009, 9, 1-1.	0.3	55
7	Multisensory Perception: From Integration to Remapping. , 2011, , 224-250.		52
8	Audiovisual asynchrony detection in human speech.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 245-256.	0.9	51
9	The Duration of Uncertain Times: Audiovisual Information about Intervals Is Integrated in a Statistically Optimal Fashion. PLoS ONE, 2014, 9, e89339.	2.5	48
10	The Effect of Hand Size and Interaction Modality on the Virtual Hand Illusion. , 2019, , .		43
11	Influence of visual and haptic delays on stiffness perception in augmented reality. , 2009, , .		42
12	Touch with foreign hands. , 2018, , .		39
13	Locomotion Vault: the Extra Mile in Analyzing VR Locomotion Techniques. , 2021, , .		39
14	Optimal Perceived Timing: Integrating Sensory Information with Dynamically Updated Expectations. Scientific Reports, 2016, 6, 28563.	3.3	35
15	fMRI evidence for areas that process surface gloss in the human visual cortex. Vision Research, 2015, 109, 149-157.	1.4	31
16	Peri-personal space as a prior in coupling visual and proprioceptive signals. Scientific Reports, 2018, 8, 15819.	3.3	31
17	Perception of Delay in Haptic Telepresence Systems. Presence: Teleoperators and Virtual Environments, 2010, 19, 389-399.	0.6	29
18	Depth: the Forgotten Dimension inÂMultisensoryÂResearch. Multisensory Research, 2016, 29, 493-524.	1.1	27

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19	Look but don't touch: Visual cues to surface structure drive somatosensory cortex. NeuroImage, 2016, 128, 353-361.	4.2	27
20	Inconsistency of perceived 3D shape. Vision Research, 2010, 50, 1519-1531.	1.4	25
21	Learning to Use an Invisible Visual Signal for Perception. Current Biology, 2010, 20, 1860-1863.	3.9	24
22	Multisensory simultaneity recalibration: storage of the aftereffect in the absence of counterevidence. Experimental Brain Research, 2012, 217, 89-97.	1.5	24
23	Duration perception in crossmodally-defined intervals. Acta Psychologica, 2014, 147, 2-9.	1.5	22
24	Perceived compliance in a pinch. Vision Research, 2011, 51, 961-967.	1.4	19
25	Virtual Grasping Feedback and Virtual Hand Ownership. , 2019, , .		19
26	Filling the blanks in temporal intervals: the type of filling influences perceived duration and discrimination performance. Frontiers in Psychology, 2015, 6, 114.	2.1	18
27	Skin and Mechanoreceptor Contribution to Tactile Input for Perception: A Review of Simulation Models. Frontiers in Human Neuroscience, 2022, 16, .	2.0	17
28	User-based evaluation of data-driven haptic rendering. ACM Transactions on Applied Perception, 2010, 8, 1-23.	1.9	16
29	Taking a long look at isochrony: Perceived duration increases with temporal, but not stimulus regularity. Attention, Perception, and Psychophysics, 2015, 77, 592-602.	1.3	16
30	An Experimental Setup to Test Dual-Joystick Directional Responses to Vibrotactile Stimuli. IEEE Transactions on Haptics, 2018, 11, 378-387.	2.7	15
31	Perceptual Limits of Visual-Haptic Simultaneity in Virtual Reality Interactions. , 2019, , .		15
32	Progressive Co-adaptation in Human-Machine Interaction. , 2015, , .		15
33	Short-term temporal recruitment in structure from motion. Vision Research, 2002, 42, 1213-1223.	1.4	14
34	Within- and Cross-Modal Distance Information Disambiguate Visual Size-Change Perception. PLoS Computational Biology, 2010, 6, e1000697.	3.2	14
35	The consistency of crossmodal synchrony perception across the visual, auditory, and tactile senses.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 1026-1038.	0.9	14
36	Spatial integration in structure from motion. Vision Research, 2004, 44, 3001-3013.	1.4	13

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37	The relation between disparity and velocity signals of rigidly moving objects constrains depth order perception. Vision Research, 2007, 47, 1335-1349.	1.4	10
38	Computationally efficient techniques for data-driven haptic rendering. , 2009, , .		10
39	Temporal Regularity of the Environment Drives Time Perception. PLoS ONE, 2016, 11, e0159842.	2.5	10
40	Differential processing of binocular and monocular gloss cues in human visual cortex. Journal of Neurophysiology, 2016, 115, 2779-2790.	1.8	10
41	Perceived time and temporal structure: Neural entrainment to isochronous stimulation increases duration estimates. NeuroImage, 2016, 132, 148-156.	4.2	10
42	Contact forces in roughness discrimination. Scientific Reports, 2020, 10, 5108.	3.3	10
43	For the Last Time: Temporal Sensitivity and Perceived Timing of the Final Stimulus in an Isochronous Sequence. Timing and Time Perception, 2016, 4, 123-146.	0.6	9
44	Tactile Echoes: A Wearable System for Tactile Augmentation of Objects. , 2019, , .		7
45	Computational Aspects of Softness Perception. Springer Series on Touch and Haptic Systems, 2014, , 85-106.	0.3	7
46	Timing Rhythms: Perceived Duration Increases with a Predictable Temporal Structure of Short Interval Fillers. PLoS ONE, 2015, 10, e0141018.	2.5	7
47	Perceived Intensities of Normal and Shear Skin Stimuli Using a Wearable Haptic Bracelet. IEEE Robotics and Automation Letters, 2022, 7, 6099-6106.	5.1	7
48	Tactile Echoes: Multisensory Augmented Reality for the Hand. IEEE Transactions on Haptics, 2021, 14, 835-848.	2.7	6
49	Causality shifts the perceived temporal order of audiovisual events.. Journal of Experimental Psychology: Human Perception and Performance, 2020, 46, 890-900.	0.9	6
50	The contributions of skin stretch and kinesthetic information to static weight perception. , 2019, , .		5
51	Static Weight Perception Through Skin Stretch and Kinesthetic Information: Detection Thresholds, JNDs, and PSEs. IEEE Transactions on Haptics, 2021, 14, 20-31.	2.7	5
52	Speed/accuracy tradeoff in force perception.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 738-746.	0.9	4
53	Modality-specific temporal constraints for state-dependent interval timing. Scientific Reports, 2018, 8, 10043.	3.3	4
54	Illusory 3-D rotation induced by dynamic image shading. Perception & Psychophysics, 2002, 64, 366-379.	2.3	2

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55	Light Source Distance Affects Perceived Audiovisual Simultaneity. Procedia, Social and Behavioral Sciences, 2014, 126, 151.	0.5	2
56	An experimental setup to test dual-joystick directional responses to vibrotactile stimuli. , 2017, , .		2
57	PrendoSim: Proxy-Hand-Based Robot Grasp Generator. , 2021, , .		2
58	Brain processing of gloss information with 2D and 3D depth cues. Journal of Vision, 2015, 15, 818.	0.3	2
59	Perception of Duration with Irregularly Filled Intervals. Procedia, Social and Behavioral Sciences, 2014, 126, 224-225.	0.5	1
60	Musical Scales in Tone Sequences Improve Temporal Accuracy. Frontiers in Psychology, 2018, 9, 105.	2.1	1
61	Motion Primitives of Dancing. Lecture Notes in Computer Science, 2008, , 838-843.	1.3	1
62	Response Time-Dependent Force Perception During Hand Movement. Lecture Notes in Computer Science, 2014, , 85-92.	1.3	1
63	A common cause in the phenomenological and sensorimotor correlates of body ownership. Journal of Vision, 2018, 18, 1230.	0.3	1
64	PrendoSim: Proxy-Hand-Based Robot Grasp Generator. , 2021, , .		1
65	Time and time again: Temporal influences ofÂrepeatedÂstimuli. Seeing and Perceiving, 2012, 25, 10.	0.3	0
66	Sensitivity of temporal order judgments with repeatedÂstimuli. Multisensory Research, 2013, 26, 74.	1.1	0
67	Perceived Simultaneity with Crossmodal Pairs of Stimuli. Procedia, Social and Behavioral Sciences, 2014, 126, 36-37.	0.5	0
68	Probabilistic Distortions of Temporal Judgments with Isochronous Sequences. Procedia, Social and Behavioral Sciences, 2014, 126, 231-232.	0.5	0
69	A Bayesian Framework for the Perceived Timing of Rhythmic Stimuli. Procedia, Social and Behavioral Sciences, 2014, 126, 115-116.	0.5	0
70	Exogenous cueing of visual attention using small, directional, tactile cues applied to the fingertip*. , 2019, , .		0
71	The frequency of tactile adaptation systematically biases subsequent frequency identification*. , 2019, , .		0
72	The Predictive Perception of Dynamic Vibrotactile Stimuli Applied to the Fingertip*. , 2020, , .		0

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73	Spatial integration of curved surfaces in structure from motion. Journal of Vision, 2010, 3, 276-276.	0.3	0
74	Spatial integration in structure from motion. Journal of Vision, 2010, 2, 648-648.	0.3	0
75	Experimental Evaluation of Vibrotactile Training Mappings for Dual-Joystick Directional Guidance. Lecture Notes in Computer Science, 2018, , 575-586.	1.3	0