

Matthew Longo

List of Publications by Year in descending order

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Version: 2024-02-01

157
papers

9,017
citations

44042

48
h-index

46771

89
g-index

161
all docs

161
docs citations

161
times ranked

4764
citing authors

#	ARTICLE	IF	CITATIONS
1	The long sixth finger illusion: The representation of the supernumerary finger is not a copy and can be felt with varying lengths. <i>Cognition</i> , 2022, 218, 104948.	1.1	3
2	No specific relationship between hypnotic suggestibility and the rubber hand illusion. <i>Nature Communications</i> , 2022, 13, 564.	5.8	21
3	No evidence for sex differences in tactile distance anisotropy. <i>Experimental Brain Research</i> , 2022, 240, 591.	0.7	0
4	Distortion of mental body representations. <i>Trends in Cognitive Sciences</i> , 2022, 26, 241-254.	4.0	16
5	Similar tactile distance anisotropy across segments of the arm. <i>Perception</i> , 2022, , 030100662210881.	0.5	0
6	The distorted body: The perception of the relative proportions of the body is preserved in Parkinson's disease. <i>Psychonomic Bulletin and Review</i> , 2022, , 1.	1.4	0
7	Size Constancy Mechanisms: Empirical Evidence from Touch. <i>Vision (Switzerland)</i> , 2022, 6, 40.	0.5	1
8	Probing the neural representations of body-related stimuli. <i>Cortex</i> , 2021, 134, 358-361.	1.1	3
9	Fingers hold spatial information that toes do not. <i>Quarterly Journal of Experimental Psychology</i> , 2021, 74, 95-105.	0.6	3
10	Whole-hand perceptual maps of joint location. <i>Experimental Brain Research</i> , 2021, 239, 1235-1246.	0.7	0
11	Reconstructing neural representations of tactile space. <i>NeuroImage</i> , 2021, 229, 117730.	2.1	23
12	Tactile interactions in the path of tactile apparent motion. <i>Cognition</i> , 2021, 209, 104569.	1.1	1
13	Intact Organization of Tactile Space Perception in Isolated Focal Dystonia. <i>Movement Disorders</i> , 2021, 36, 1949-1955.	2.2	7
14	Perception of Tactile Distance on the Back. <i>Perception</i> , 2021, 50, 677-689.	0.5	9
15	The vestibular system modulates the contributions of head and torso to egocentric spatial judgements. <i>Experimental Brain Research</i> , 2021, 239, 2295-2302.	0.7	2
16	Tactile distance anisotropy on the feet. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 3227-3239.	0.7	6
17	Embodying an invisible face shrinks the cone of gaze.. <i>Journal of Experimental Psychology: General</i> , 2021, 150, 1132-1146.	1.5	3
18	The Self in the Mind's Eye: Revealing How We Truly See Ourselves Through Reverse Correlation. <i>Psychological Science</i> , 2021, , 095679762110186.	1.8	5

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19	Tactile distance anisotropy on the palm: A meta-analysis. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 2137-2146.	0.7	13
20	A Continuous Illusion of Having a Sixth Finger. <i>Perception</i> , 2020, 49, 807-821.	0.5	9
21	Semantic modulation of time-to-collision judgments. <i>Neuropsychologia</i> , 2020, 147, 107588.	0.7	3
22	Tactile distance adaptation aftereffects do not transfer to perceptual hand maps. <i>Acta Psychologica</i> , 2020, 208, 103090.	0.7	4
23	Distorted perceptual face maps. <i>Acta Psychologica</i> , 2020, 208, 103128.	0.7	8
24	Body Image: Neural Basis of "Negative" Phantom Limbs. <i>Current Biology</i> , 2020, 30, R644-R646.	1.8	5
25	Shared contributions of the head and torso to spatial reference frames across spatial judgments. <i>Cognition</i> , 2020, 204, 104349.	1.1	4
26	Anisotropies of tactile distance perception on the face. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 3636-3647.	0.7	12
27	Explicit and Implicit Own's Body and Space Perception in Painful Musculoskeletal Disorders and Rheumatic Diseases: A Systematic Scoping Review. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 83.	1.0	27
28	Anisotropy in tactile time perception. <i>Cortex</i> , 2020, 128, 124-131.	1.1	7
29	Mapping visual spatial prototypes: Multiple reference frames shape visual memory. <i>Cognition</i> , 2020, 198, 104199.	1.1	3
30	Tool Use Modulates Somatosensory Cortical Processing in Humans. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1782-1795.	1.1	14
31	No evidence of tactile distance anisotropy on the belly. <i>Royal Society Open Science</i> , 2019, 6, 180866.	1.1	12
32	A gravitational contribution to perceived body weight. <i>Scientific Reports</i> , 2019, 9, 11448.	1.6	8
33	A common representation of fingers and toes. <i>Acta Psychologica</i> , 2019, 199, 102900.	0.7	7
34	The Influence of the Viewpoint in a Self-Avatar on Body Part and Self-Localization. , 2019, , .		5
35	Distortions of perceived volume and length of body parts. <i>Cortex</i> , 2019, 111, 74-86.	1.1	37
36	Perceptual Distortions of 3-D Finger Size. <i>Perception</i> , 2019, 48, 668-684.	0.5	3

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37	Self and Body Part Localization in Virtual Reality: Comparing a Headset and a Large-Screen Immersive Display. <i>Frontiers in Robotics and AI</i> , 2019, 6, 33.	2.0	8
38	Tactile Perception: Beyond the Somatotopy of the Somatosensory Cortex. <i>Current Biology</i> , 2019, 29, R322-R324.	1.8	9
39	A Conceptual Model of Tactile Processing across Body Features of Size, Shape, Side, and Spatial Location. <i>Frontiers in Psychology</i> , 2019, 10, 291.	1.1	55
40	Sex differences in perceptual hand maps: A meta-analysis. <i>Acta Psychologica</i> , 2019, 196, 1-10.	0.7	13
41	Body Size Adaptation Alters Perception of Test Stimuli, Not Internal Body Image. <i>Frontiers in Psychology</i> , 2019, 10, 2598.	1.1	12
42	The shape of personal space. <i>Acta Psychologica</i> , 2019, 193, 113-122.	0.7	72
43	The standard posture of the hand.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2019, 45, 1164-1173.	0.7	7
44	Conceptual distortions of hand structure are robust to changes in stimulus information. <i>Consciousness and Cognition</i> , 2018, 61, 107-116.	0.8	10
45	Tactile distance illusions reflect a coherent stretch of tactile space. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1238-1243.	3.3	36
46	Tactile localization biases are modulated by gaze direction. <i>Experimental Brain Research</i> , 2018, 236, 31-42.	0.7	22
47	The Sensitive Period for Tactile Remapping Does Not Include Early Infancy. <i>Child Development</i> , 2018, 89, 1394-1404.	1.7	51
48	Where am I in virtual reality?. <i>PLoS ONE</i> , 2018, 13, e0204358.	1.1	14
49	Dissociation of feeling and belief in the rubber hand illusion. <i>PLoS ONE</i> , 2018, 13, e0206367.	1.1	17
50	Inversion produces opposite size illusions for faces and bodies. <i>Acta Psychologica</i> , 2018, 191, 15-24.	0.7	5
51	Mind the Gap: The Effects of Temporal and Spatial Separation in Localization of Dual Touches on the Hand. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 55.	1.0	16
52	The effects of instrumental action on perceptual hand maps. <i>Experimental Brain Research</i> , 2018, 236, 3113-3119.	0.7	16
53	More than skin-deep: Integration of skin-based and musculoskeletal reference frames in localization of touch.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018, 44, 1672-1682.	0.7	6
54	Tactile confusions of the fingers and toes.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018, 44, 1727-1738.	0.7	16

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55	Distorted Body Representations in Healthy Cognition. Quarterly Journal of Experimental Psychology, 2017, 70, 378-388.	0.6	82
56	Projecting the self outside the body: Body representations underlying proprioceptive imagery. Cognition, 2017, 162, 41-47.	1.1	27
57	Distorted body representations are robust to differences in experimental instructions. Attention, Perception, and Psychophysics, 2017, 79, 1204-1216.	0.7	29
58	Visual illusion of tool use recalibrates tactile perception. Cognition, 2017, 162, 32-40.	1.1	36
59	Adaptation aftereffects reveal that tactile distance is a basic somatosensory feature. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4555-4560.	3.3	37
60	Eating and body image: Does food insecurity make us feel thinner?. Behavioral and Brain Sciences, 2017, 40, e106.	0.4	1
61	Action ability modulates time-to-collision judgments. Experimental Brain Research, 2017, 235, 2729-2739.	0.7	15
62	Finger posture modulates structural body representations. Scientific Reports, 2017, 7, 43019.	1.6	20
63	Vision of the body improves inter-hemispheric integration of tactile-motor responses. Acta Psychologica, 2017, 175, 21-27.	0.7	5
64	People watching: The perception of the relative body proportions of the self and others. Cortex, 2017, 92, 1-7.	1.1	13
65	Hand Posture Modulates Perceived Tactile Distance. Scientific Reports, 2017, 7, 9665.	1.6	18
66	The recalibration of tactile perception during tool use is body-part specific. Experimental Brain Research, 2017, 235, 2917-2926.	0.7	38
67	Dissociating contributions of head and torso to spatial reference frames: The misalignment paradigm. Consciousness and Cognition, 2017, 53, 105-114.	0.8	16
68	Expansion of Perceptual Body Maps Near " But Not Across " The Wrist. Frontiers in Human Neuroscience, 2017, 11, 111.	1.0	14
69	Mapping the internal geometry of tactile space.. Journal of Experimental Psychology: Human Perception and Performance, 2017, 43, 1815-1827.	0.7	41
70	Distorted Body Representations and Skilled Action. , 2017, , 110-120.		0
71	No Correlation between Distorted Body Representations Underlying Tactile Distance Perception and Position Sense. Frontiers in Human Neuroscience, 2016, 10, 593.	1.0	26
72	Multimodal Contributions to Body Representation. Multisensory Research, 2016, 29, 635-661.	0.6	69

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73	A three-dimensional spatial characterization of the crossed-hands deficit. <i>Cognition</i> , 2016, 157, 289-295.	1.1	17
74	The role of visual similarity and memory in body model distortions. <i>Acta Psychologica</i> , 2016, 164, 103-111.	0.7	32
75	Embodying prostheses – how to let the body welcome assistive devices. <i>Physics of Life Reviews</i> , 2016, 16, 184-185.	1.5	6
76	Congruency of body-related information induces somatosensory reorganization. <i>Neuropsychologia</i> , 2016, 84, 213-221.	0.7	19
77	Mental body representations retain homuncular shape distortions: Evidence from Weber’s illusion. <i>Consciousness and Cognition</i> , 2016, 40, 17-25.	0.8	34
78	Does the crossed-limb deficit affect the uncrossed portions of limbs?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 1320-1331.	0.7	9
79	Bilateral Symmetry of Distortions of Tactile Size Perception. <i>Perception</i> , 2015, 44, 1251-1262.	0.5	35
80	Threat modulates neural responses to looming visual stimuli. <i>European Journal of Neuroscience</i> , 2015, 42, 2190-2202.	1.2	31
81	Inter-hemispheric integration of tactile-motor responses across body parts. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 345.	1.0	8
82	Perceptual and Conceptual Distortions of Implicit Hand Maps. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 656.	1.0	40
83	Neural Mechanisms of Body Awareness in Infants. <i>Cerebral Cortex</i> , 2015, 25, 3779-3787.	1.6	59
84	Are You Suggesting That’s My Hand? The Relation Between Hypnotic Suggestibility and the Rubber Hand Illusion. <i>Perception</i> , 2015, 44, 709-723.	0.5	30
85	Right hemisphere control of visuospatial attention in near space. <i>Neuropsychologia</i> , 2015, 70, 350-357.	0.7	44
86	Intuitive anatomy: Distortions of conceptual knowledge of hand structure. <i>Cognition</i> , 2015, 142, 230-235.	1.1	44
87	Posture modulates implicit hand maps. <i>Consciousness and Cognition</i> , 2015, 36, 96-102.	0.8	32
88	Visual detail about the body modulates tactile localisation biases. <i>Experimental Brain Research</i> , 2015, 233, 351-358.	0.7	28
89	Three-dimensional coherence of the conscious body image. <i>Quarterly Journal of Experimental Psychology</i> , 2015, 68, 1116-1123.	0.6	12
90	Implicit body representations and tactile spatial remapping. <i>Acta Psychologica</i> , 2015, 160, 77-87.	0.7	54

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91	Implicit and Explicit Body Representations. <i>European Psychologist</i> , 2015, 20, 6-15.	1.8	109
92	Owning an Overweight or Underweight Body: Distinguishing the Physical, Experienced and Virtual Body. <i>PLoS ONE</i> , 2014, 9, e103428.	1.1	122
93	Tool morphology constrains the effects of tool use on body representations.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 2143-2153.	0.7	92
94	Persistent body image disturbance following recovery from eating disorders. <i>International Journal of Eating Disorders</i> , 2014, 47, 400-409.	2.1	111
95	Categorical perception of tactile distance. <i>Cognition</i> , 2014, 131, 254-262.	1.1	97
96	The effects of immediate vision on implicit hand maps. <i>Experimental Brain Research</i> , 2014, 232, 1241-1247.	0.7	42
97	Where exactly am I? Self-location judgements distribute between head and torso. <i>Consciousness and Cognition</i> , 2014, 24, 70-74.	0.8	56
98	Seeing the body produces limb-specific modulation of skin temperature. <i>Biology Letters</i> , 2014, 10, 20140157.	1.0	19
99	The effects of verbal cueing on implicit hand maps. <i>Acta Psychologica</i> , 2014, 153, 60-65.	0.7	23
100	Spatial Sensory Organization and Body Representation in Pain Perception. <i>Current Biology</i> , 2013, 23, R164-R176.	1.8	152
101	Body image distortions in healthy adults. <i>Acta Psychologica</i> , 2013, 144, 344-351.	0.7	115
102	Seeing the body distorts tactile size perception. <i>Cognition</i> , 2013, 126, 475-481.	1.1	48
103	Body image distortions following spinal cord injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 201-207.	0.9	75
104	Merging second-person and first-person neuroscience. <i>Behavioral and Brain Sciences</i> , 2013, 36, 429-430.	0.4	2
105	Changes in cortical oscillations linked to multisensory modulation of nociception. <i>European Journal of Neuroscience</i> , 2013, 37, 768-776.	1.2	31
106	Vestibular modulation of spatial perception. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 660.	1.0	43
107	A 2.5-D representation of the human hand.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2012, 38, 9-13.	0.7	63
108	Visuo-tactile Integration in Personal Space. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 543-552.	1.1	39

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109	Mapping the Invisible Hand. <i>Psychological Science</i> , 2012, 23, 740-742.	1.8	70
110	What Is It Like to Have a Body?. <i>Current Directions in Psychological Science</i> , 2012, 21, 140-145.	2.8	75
111	Linking Pain and the Body: Neural Correlates of Visually Induced Analgesia. <i>Journal of Neuroscience</i> , 2012, 32, 2601-2607.	1.7	129
112	Increased plasticity of the bodily self in eating disorders. <i>Psychological Medicine</i> , 2012, 42, 819-828.	2.7	186
113	Tool use induces complex and flexible plasticity of human body representations. <i>Behavioral and Brain Sciences</i> , 2012, 35, 229-230.	0.4	19
114	Fine-Grained Nociceptive Maps in Primary Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 17155-17162.	1.7	108
115	Implicit body representations and the conscious body image. <i>Acta Psychologica</i> , 2012, 141, 164-168.	0.7	157
116	The person in the mirror: Using the enfacement illusion to investigate the experiential structure of self-identification. <i>Consciousness and Cognition</i> , 2012, 21, 1725-1738.	0.8	112
117	Threat modulates perception of looming visual stimuli. <i>Current Biology</i> , 2012, 22, R826-R827.	1.8	116
118	Is automatic imitation a specialized form of stimulus-response compatibility? Dissociating imitative and spatial compatibilities. <i>Acta Psychologica</i> , 2012, 139, 440-448.	0.7	83
119	Approaching stimuli bias attention in numerical space. <i>Acta Psychologica</i> , 2012, 140, 129-132.	0.7	9
120	Rapid enhancement of touch from non-informative vision of the hand. <i>Neuropsychologia</i> , 2012, 50, 1954-1960.	0.7	47
121	Dynamic pointing triggers shifts of visual attention in young infants. <i>Developmental Science</i> , 2012, 15, 426-435.	1.3	46
122	Vision of the body modulates processing in primary somatosensory cortex. <i>Neuroscience Letters</i> , 2011, 489, 159-163.	1.0	49
123	Origins and Development of Generalized Magnitude Representation. , 2011, , 225-244.		65
124	A supramodal representation of the body surface. <i>Neuropsychologia</i> , 2011, 49, 1194-1201.	0.7	84
125	Near space and its relation to claustrophobic fear. <i>Cognition</i> , 2011, 119, 448-453.	1.1	106
126	Visual Distortion of Body Size Modulates Pain Perception. <i>Psychological Science</i> , 2011, 22, 325-330.	1.8	163

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127	Vision of the Body Modulates Somatosensory Intracortical Inhibition. <i>Cerebral Cortex</i> , 2011, 21, 2014-2022.	1.6	91
128	Weber's illusion and body shape: Anisotropy of tactile size perception on the hand.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2011, 37, 720-726.	0.7	162
129	The role of the right temporoparietal junction in intersensory conflict: detection or resolution?. <i>Experimental Brain Research</i> , 2010, 206, 129-139.	0.7	28
130	More than skin deep: Body representation beyond primary somatosensory cortex. <i>Neuropsychologia</i> , 2010, 48, 655-668.	0.7	388
131	Having a body versus moving your body: Neural signatures of agency and body-ownership. <i>Neuropsychologia</i> , 2010, 48, 2740-2749.	0.7	304
132	The Posterior Parietal Cortex Remaps Touch into External Space. <i>Current Biology</i> , 2010, 20, 1304-1309.	1.8	183
133	General Magnitude Representation in Human Infants. <i>Psychological Science</i> , 2010, 21, 873-881.	1.8	313
134	An implicit body representation underlying human position sense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11727-11732.	3.3	316
135	Bisecting the mental number line in near and far space. <i>Brain and Cognition</i> , 2010, 72, 362-367.	0.8	49
136	Visually Induced Analgesia: Seeing the Body Reduces Pain. <i>Journal of Neuroscience</i> , 2009, 29, 12125-12130.	1.7	223
137	The plasticity of near space: Evidence for contraction. <i>Cognition</i> , 2009, 112, 451-456.	1.1	77
138	Contraction of body representation induced by proprioceptive conflict. <i>Current Biology</i> , 2009, 19, R727-R728.	1.8	43
139	What's embodied and how can we tell?. <i>European Journal of Social Psychology</i> , 2009, 39, 1207-1209.	1.5	2
140	Attention modulates the specificity of automatic imitation to human actors. <i>Experimental Brain Research</i> , 2009, 192, 739-744.	0.7	101
141	Multiple spatial representations of number: evidence for co-existing compressive and linear scales. <i>Experimental Brain Research</i> , 2009, 193, 151-156.	0.7	25
142	Self awareness and the body image. <i>Acta Psychologica</i> , 2009, 132, 166-172.	0.7	115
143	Specificity and Coherence of Body Representations. <i>Perception</i> , 2009, 38, 1804-1820.	0.5	74
144	Sense of Agency Primes Manual Motor Responses. <i>Perception</i> , 2009, 38, 69-78.	0.5	118

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145	Visual enhancement of touch and the bodily self. <i>Consciousness and Cognition</i> , 2008, 17, 1181-1191.	0.8	97
146	What is embodiment? A psychometric approach. <i>Cognition</i> , 2008, 107, 978-998.	1.1	802
147	Flexibility and development of mirroring mechanisms. <i>Behavioral and Brain Sciences</i> , 2008, 31, 31-31.	0.4	0
148	Automatic imitation of biomechanically possible and impossible actions: Effects of priming movements versus goals.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2008, 34, 489-501.	0.7	128
149	Is there evidence of a mirror system from birth?. <i>Developmental Science</i> , 2007, 10, 526-529.	1.3	26
150	Phenomenal Permanence and the Development of Predictive Tracking in Infancy. <i>Child Development</i> , 2007, 78, 350-363.	1.7	29
151	Spatial attention and the mental number line: Evidence for characteristic biases and compression. <i>Neuropsychologia</i> , 2007, 45, 1400-1407.	0.7	196
152	Space perception and body morphology: extent of near space scales with arm length. <i>Experimental Brain Research</i> , 2007, 177, 285-290.	0.7	104
153	Imitative response tendencies following observation of intransitive actions.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2006, 32, 210-225.	0.7	164
154	Common Coding of Observation and Execution of Action in 9-Month-Old Infants. <i>Infancy</i> , 2006, 10, 43-59.	0.9	49
155	On the nature of near space: Effects of tool use and the transition to far space. <i>Neuropsychologia</i> , 2006, 44, 977-981.	0.7	250
156	Automaticity and inhibition in action planning. <i>Behavioral and Brain Sciences</i> , 2004, 27, .	0.4	1
157	Advancing Our Understanding of Early Perceptual and Cognitive Development. <i>Human Development</i> , 2002, 45, 434-440.	1.2	0