

Matthew Longo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3568789/publications.pdf>

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	What is embodiment? A psychometric approach. <i>Cognition</i> , 2008, 107, 978-998.	1.1	802
2	More than skin deep: Body representation beyond primary somatosensory cortex. <i>Neuropsychologia</i> , 2010, 48, 655-668.	0.7	388
3	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
4	General Magnitude Representation in Human Infants. <i>Psychological Science</i> , 2010, 21, 873-881.	1.8	313
5	Having a body versus moving your body: Neural signatures of agency and body-ownership. <i>Neuropsychologia</i> , 2010, 48, 2740-2749.	0.7	304
6	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
7	Visually Induced Analgesia: Seeing the Body Reduces Pain. <i>Journal of Neuroscience</i> , 2009, 29, 12125-12130.	1.7	223
8	Spatial attention and the mental number line: Evidence for characteristic biases and compression. <i>Neuropsychologia</i> , 2007, 45, 1400-1407.	0.7	196
9	Increased plasticity of the bodily self in eating disorders. <i>Psychological Medicine</i> , 2012, 42, 819-828.	2.7	186
10	The Posterior Parietal Cortex Remaps Touch into External Space. <i>Current Biology</i> , 2010, 20, 1304-1309.	1.8	183
11	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
12	Visual Distortion of Body Size Modulates Pain Perception. <i>Psychological Science</i> , 2011, 22, 325-330.	1.8	163
13	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
14	Implicit body representations and the conscious body image. <i>Acta Psychologica</i> , 2012, 141, 164-168.	0.7	157
15	Spatial Sensory Organization and Body Representation in Pain Perception. <i>Current Biology</i> , 2013, 23, R164-R176.	1.8	152
16	Linking Pain and the Body: Neural Correlates of Visually Induced Analgesia. <i>Journal of Neuroscience</i> , 2012, 32, 2601-2607.	1.7	129
17	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
18	Owning an Overweight or Underweight Body: Distinguishing the Physical, Experienced and Virtual Body. <i>PLoS ONE</i> , 2014, 9, e103428.	1.1	122

#	ARTICLE	IF	CITATIONS
19	Sense of Agency Primes Manual Motor Responses. <i>Perception</i> , 2009, 38, 69-78.	0.5	118
20	Threat modulates perception of looming visual stimuli. <i>Current Biology</i> , 2012, 22, R826-R827.	1.8	116
21	Self awareness and the body image. <i>Acta Psychologica</i> , 2009, 132, 166-172.	0.7	115
22	Body image distortions in healthy adults. <i>Acta Psychologica</i> , 2013, 144, 344-351.	0.7	115
23	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
24	Persistent body image disturbance following recovery from eating disorders. <i>International Journal of Eating Disorders</i> , 2014, 47, 400-409.	2.1	111
25	Implicit and Explicit Body Representations. <i>European Psychologist</i> , 2015, 20, 6-15.	1.8	109
26	Fine-Grained Nociceptive Maps in Primary Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 17155-17162.	1.7	108
27	Near space and its relation to claustrophobic fear. <i>Cognition</i> , 2011, 119, 448-453.	1.1	106
28	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
29	Attention modulates the specificity of automatic imitation to human actors. <i>Experimental Brain Research</i> , 2009, 192, 739-744.	0.7	101
30	Visual enhancement of touch and the bodily self. <i>Consciousness and Cognition</i> , 2008, 17, 1181-1191.	0.8	97
31	Categorical perception of tactile distance. <i>Cognition</i> , 2014, 131, 254-262.	1.1	97
32	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
33	Vision of the Body Modulates Somatosensory Intracortical Inhibition. <i>Cerebral Cortex</i> , 2011, 21, 2014-2022.	1.6	91
34	A supramodal representation of the body surface. <i>Neuropsychologia</i> , 2011, 49, 1194-1201.	0.7	84
35	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
36	Distorted Body Representations in Healthy Cognition. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 378-388.	0.6	82

#	ARTICLE	IF	CITATIONS
37	The plasticity of near space: Evidence for contraction. <i>Cognition</i> , 2009, 112, 451-456.	1.1	77
38	What Is It Like to Have a Body?. <i>Current Directions in Psychological Science</i> , 2012, 21, 140-145.	2.8	75
39	Body image distortions following spinal cord injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 201-207.	0.9	75
40	Specificity and Coherence of Body Representations. <i>Perception</i> , 2009, 38, 1804-1820.	0.5	74
41	The shape of personal space. <i>Acta Psychologica</i> , 2019, 193, 113-122.	0.7	72
42	Mapping the Invisible Hand. <i>Psychological Science</i> , 2012, 23, 740-742.	1.8	70
43	Multimodal Contributions to Body Representation. <i>Multisensory Research</i> , 2016, 29, 635-661.	0.6	69
44	Origins and Development of Generalized Magnitude Representation. , 2011, , 225-244.		65
45	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
46	Neural Mechanisms of Body Awareness in Infants. <i>Cerebral Cortex</i> , 2015, 25, 3779-3787.	1.6	59
47	Where exactly am I? Self-location judgements distribute between head and torso. <i>Consciousness and Cognition</i> , 2014, 24, 70-74.	0.8	56
48	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
49	Implicit body representations and tactile spatial remapping. <i>Acta Psychologica</i> , 2015, 160, 77-87.	0.7	54
50	The Sensitive Period for Tactile Remapping Does Not Include Early Infancy. <i>Child Development</i> , 2018, 89, 1394-1404.	1.7	51
51	Common Coding of Observation and Execution of Action in 9-Month-Old Infants. <i>Infancy</i> , 2006, 10, 43-59.	0.9	49
52	Bisecting the mental number line in near and far space. <i>Brain and Cognition</i> , 2010, 72, 362-367.	0.8	49
53	Vision of the body modulates processing in primary somatosensory cortex. <i>Neuroscience Letters</i> , 2011, 489, 159-163.	1.0	49
54	Seeing the body distorts tactile size perception. <i>Cognition</i> , 2013, 126, 475-481.	1.1	48

#	ARTICLE	IF	CITATIONS
55	Rapid enhancement of touch from non-informative vision of the hand. <i>Neuropsychologia</i> , 2012, 50, 1954-1960.	0.7	47
56	Dynamic pointing triggers shifts of visual attention in young infants. <i>Developmental Science</i> , 2012, 15, 426-435.	1.3	46
57	Right hemisphere control of visuospatial attention in near space. <i>Neuropsychologia</i> , 2015, 70, 350-357.	0.7	44
58	Intuitive anatomy: Distortions of conceptual knowledge of hand structure. <i>Cognition</i> , 2015, 142, 230-235.	1.1	44
59	Contraction of body representation induced by proprioceptive conflict. <i>Current Biology</i> , 2009, 19, R727-R728.	1.8	43
60	Vestibular modulation of spatial perception. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 660.	1.0	43
61	The effects of immediate vision on implicit hand maps. <i>Experimental Brain Research</i> , 2014, 232, 1241-1247.	0.7	42
62	Mapping the internal geometry of tactile space.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2017, 43, 1815-1827.	0.7	41
63	Perceptual and Conceptual Distortions of Implicit Hand Maps. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 656.	1.0	40
64	Visuo-tactile Integration in Personal Space. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 543-552.	1.1	39
65	The recalibration of tactile perception during tool use is body-part specific. <i>Experimental Brain Research</i> , 2017, 235, 2917-2926.	0.7	38
66	Adaptation aftereffects reveal that tactile distance is a basic somatosensory feature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4555-4560.	3.3	37
67	Distortions of perceived volume and length of body parts. <i>Cortex</i> , 2019, 111, 74-86.	1.1	37
68	Visual illusion of tool use recalibrates tactile perception. <i>Cognition</i> , 2017, 162, 32-40.	1.1	36
69	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
70	Bilateral Symmetry of Distortions of Tactile Size Perception. <i>Perception</i> , 2015, 44, 1251-1262.	0.5	35
71	Mental body representations retain homuncular shape distortions: Evidence from Weber's illusion. <i>Consciousness and Cognition</i> , 2016, 40, 17-25.	0.8	34
72	Posture modulates implicit hand maps. <i>Consciousness and Cognition</i> , 2015, 36, 96-102.	0.8	32

#	ARTICLE	IF	CITATIONS
73	The role of visual similarity and memory in body model distortions. <i>Acta Psychologica</i> , 2016, 164, 103-111.	0.7	32
74	Changes in cortical oscillations linked to multisensory modulation of nociception. <i>European Journal of Neuroscience</i> , 2013, 37, 768-776.	1.2	31
75	Threat modulates neural responses to looming visual stimuli. <i>European Journal of Neuroscience</i> , 2015, 42, 2190-2202.	1.2	31
76	Are You Suggesting Thatâ€™s My Hand? The Relation Between Hypnotic Suggestibility and the Rubber Hand Illusion. <i>Perception</i> , 2015, 44, 709-723.	0.5	30
77	Phenomenal Permanence and the Development of Predictive Tracking in Infancy. <i>Child Development</i> , 2007, 78, 350-363.	1.7	29
78	Distorted body representations are robust to differences in experimental instructions. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 1204-1216.	0.7	29
79	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
80	Visual detail about the body modulates tactile localisation biases. <i>Experimental Brain Research</i> , 2015, 233, 351-358.	0.7	28
81	Projecting the self outside the body: Body representations underlying proprioceptive imagery. <i>Cognition</i> , 2017, 162, 41-47.	1.1	27
82	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
83	Is there evidence of a mirror system from birth?. <i>Developmental Science</i> , 2007, 10, 526-529.	1.3	26
84	No Correlation between Distorted Body Representations Underlying Tactile Distance Perception and Position Sense. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 593.	1.0	26
85	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
86	The effects of verbal cueing on implicit hand maps. <i>Acta Psychologica</i> , 2014, 153, 60-65.	0.7	23
87	Reconstructing neural representations of tactile space. <i>NeuroImage</i> , 2021, 229, 117730.	2.1	23
88	Tactile localization biases are modulated by gaze direction. <i>Experimental Brain Research</i> , 2018, 236, 31-42.	0.7	22
89	No specific relationship between hypnotic suggestibility and the rubber hand illusion. <i>Nature Communications</i> , 2022, 13, 564.	5.8	21
90	Finger posture modulates structural body representations. <i>Scientific Reports</i> , 2017, 7, 43019.	1.6	20

#	ARTICLE	IF	CITATIONS
91	Tool use induces complex and flexible plasticity of human body representations. <i>Behavioral and Brain Sciences</i> , 2012, 35, 229-230.	0.4	19
92	Seeing the body produces limb-specific modulation of skin temperature. <i>Biology Letters</i> , 2014, 10, 20140157.	1.0	19
93	Congruency of body-related information induces somatosensory reorganization. <i>Neuropsychologia</i> , 2016, 84, 213-221.	0.7	19
94	Hand Posture Modulates Perceived Tactile Distance. <i>Scientific Reports</i> , 2017, 7, 9665.	1.6	18
95	A three-dimensional spatial characterization of the crossed-hands deficit. <i>Cognition</i> , 2016, 157, 289-295.	1.1	17
96	Dissociation of feeling and belief in the rubber hand illusion. <i>PLoS ONE</i> , 2018, 13, e0206367.	1.1	17
97	Dissociating contributions of head and torso to spatial reference frames: The misalignment paradigm. <i>Consciousness and Cognition</i> , 2017, 53, 105-114.	0.8	16
98	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
99	The effects of instrumental action on perceptual hand maps. <i>Experimental Brain Research</i> , 2018, 236, 3113-3119.	0.7	16
100	Tactile confusions of the fingers and toes.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018, 44, 1727-1738.	0.7	16
101	Distortion of mental body representations. <i>Trends in Cognitive Sciences</i> , 2022, 26, 241-254.	4.0	16
102	Action ability modulates time-to-collision judgments. <i>Experimental Brain Research</i> , 2017, 235, 2729-2739.	0.7	15
103	Expansion of Perceptual Body Maps Near “ But Not Across “ The Wrist. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 111.	1.0	14
104	Where am I in virtual reality?. <i>PLoS ONE</i> , 2018, 13, e0204358.	1.1	14
105	Tool Use Modulates Somatosensory Cortical Processing in Humans. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1782-1795.	1.1	14
106	People watching: The perception of the relative body proportions of the self and others. <i>Cortex</i> , 2017, 92, 1-7.	1.1	13
107	Sex differences in perceptual hand maps: A meta-analysis. <i>Acta Psychologica</i> , 2019, 196, 1-10.	0.7	13
108	Tactile distance anisotropy on the palm: A meta-analysis. <i>Attention, Perception, and Psychophysics</i> , 2020, 82, 2137-2146.	0.7	13

#	ARTICLE	IF	CITATIONS
109	Three-dimensional coherence of the conscious body image. Quarterly Journal of Experimental Psychology, 2015, 68, 1116-1123.	0.6	12
110	No evidence of tactile distance anisotropy on the belly. Royal Society Open Science, 2019, 6, 180866.	1.1	12
111	Body Size Adaptation Alters Perception of Test Stimuli, Not Internal Body Image. Frontiers in Psychology, 2019, 10, 2598.	1.1	12
112	Anisotropies of tactile distance perception on the face. Attention, Perception, and Psychophysics, 2020, 82, 3636-3647.	0.7	12
113	Conceptual distortions of hand structure are robust to changes in stimulus information. Consciousness and Cognition, 2018, 61, 107-116.	0.8	10
114	Approaching stimuli bias attention in numerical space. Acta Psychologica, 2012, 140, 129-132.	0.7	9
115	Tactile Perception: Beyond the Somatotopy of the Somatosensory Cortex. Current Biology, 2019, 29, R322-R324.	1.8	9
116	A Continuous Illusion of Having a Sixth Finger. Perception, 2020, 49, 807-821.	0.5	9
117	Perception of Tactile Distance on the Back. Perception, 2021, 50, 677-689.	0.5	9
118	Does the crossed-limb deficit affect the uncrossed portions of limbs?. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 1320-1331.	0.7	9
119	Inter-hemispheric integration of tactile-motor responses across body parts. Frontiers in Human Neuroscience, 2015, 9, 345.	1.0	8
120	A gravitational contribution to perceived body weight. Scientific Reports, 2019, 9, 11448.	1.6	8
121	Self and Body Part Localization in Virtual Reality: Comparing a Headset and a Large-Screen Immersive Display. Frontiers in Robotics and AI, 2019, 6, 33.	2.0	8
122	Distorted perceptual face maps. Acta Psychologica, 2020, 208, 103128.	0.7	8
123	A common representation of fingers and toes. Acta Psychologica, 2019, 199, 102900.	0.7	7
124	Anisotropy in tactile time perception. Cortex, 2020, 128, 124-131.	1.1	7
125	Intact Organization of Tactile Space Perception in Isolated Focal Dystonia. Movement Disorders, 2021, 36, 1949-1955.	2.2	7
126	The standard posture of the hand.. Journal of Experimental Psychology: Human Perception and Performance, 2019, 45, 1164-1173.	0.7	7

#	ARTICLE	IF	CITATIONS
127	Embodying prostheses – how to let the body welcome assistive devices. <i>Physics of Life Reviews</i> , 2016, 16, 184-185.	1.5	6
128	Tactile distance anisotropy on the feet. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 3227-3239.	0.7	6
129	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
130	Vision of the body improves inter-hemispheric integration of tactile-motor responses. <i>Acta Psychologica</i> , 2017, 175, 21-27.	0.7	5
131	Inversion produces opposite size illusions for faces and bodies. <i>Acta Psychologica</i> , 2018, 191, 15-24.	0.7	5
132	The Influence of the Viewpoint in a Self-Avatar on Body Part and Self-Localization. , 2019, , .		5
133	Body Image: Neural Basis of –Negative– Phantom Limbs. <i>Current Biology</i> , 2020, 30, R644-R646.	1.8	5
134	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
135	Tactile distance adaptation aftereffects do not transfer to perceptual hand maps. <i>Acta Psychologica</i> , 2020, 208, 103090.	0.7	4
136	Shared contributions of the head and torso to spatial reference frames across spatial judgments. <i>Cognition</i> , 2020, 204, 104349.	1.1	4
137	Perceptual Distortions of 3-D Finger Size. <i>Perception</i> , 2019, 48, 668-684.	0.5	3
138	Semantic modulation of time-to-collision judgments. <i>Neuropsychologia</i> , 2020, 147, 107588.	0.7	3
139	Probing the neural representations of body-related stimuli. <i>Cortex</i> , 2021, 134, 358-361.	1.1	3
140	Fingers hold spatial information that toes do not. <i>Quarterly Journal of Experimental Psychology</i> , 2021, 74, 95-105.	0.6	3
141	Embodying an invisible face shrinks the cone of gaze.. <i>Journal of Experimental Psychology: General</i> , 2021, 150, 1132-1146.	1.5	3
142	Mapping visual spatial prototypes: Multiple reference frames shape visual memory. <i>Cognition</i> , 2020, 198, 104199.	1.1	3
143	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
144	What’s embodied and how can we tell?. <i>European Journal of Social Psychology</i> , 2009, 39, 1207-1209.	1.5	2

#	ARTICLE	IF	CITATIONS
145	Merging second-person and first-person neuroscience. Behavioral and Brain Sciences, 2013, 36, 429-430.	0.4	2
146	The vestibular system modulates the contributions of head and torso to egocentric spatial judgements. Experimental Brain Research, 2021, 239, 2295-2302.	0.7	2
147	Automaticity and inhibition in action planning. Behavioral and Brain Sciences, 2004, 27, .	0.4	1
148	Eating and body image: Does food insecurity make us feel thinner?. Behavioral and Brain Sciences, 2017, 40, e106.	0.4	1
149	Tactile interactions in the path of tactile apparent motion. Cognition, 2021, 209, 104569.	1.1	1
150	Size Constancy Mechanisms: Empirical Evidence from Touch. Vision (Switzerland), 2022, 6, 40.	0.5	1
151	Advancing Our Understanding of Early Perceptual and Cognitive Development. Human Development, 2002, 45, 434-440.	1.2	0
152	Flexibility and development of mirroring mechanisms. Behavioral and Brain Sciences, 2008, 31, 31-31.	0.4	0
153	Whole-hand perceptual maps of joint location. Experimental Brain Research, 2021, 239, 1235-1246.	0.7	0
154	Distorted Body Representations and Skilled Action. , 2017, , 110-120.		0
155	No evidence for sex differences in tactile distance anisotropy. Experimental Brain Research, 2022, 240, 591.	0.7	0
156	Similar tactile distance anisotropy across segments of the arm. Perception, 2022, , 030100662210881.	0.5	0
157	The distorted body: The perception of the relative proportions of the body is preserved in Parkinsonâ€™s disease. Psychonomic Bulletin and Review, 2022, , 1.	1.4	0