

H Henrik Ehrsson

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

11,785
citations

61857

43
h-index

51492

86
g-index

106
all docs

106
docs citations

106
times ranked

5006
citing authors

#	ARTICLE	IF	CITATIONS
1	That's My Hand! Activity in Premotor Cortex Reflects Feeling of Ownership of a Limb. <i>Science</i> , 2004, 305, 875-877.	6.0	1,261
2	The Experimental Induction of Out-of-Body Experiences. <i>Science</i> , 2007, 317, 1048-1048.	6.0	736
3	Touching a Rubber Hand: Feeling of Body Ownership Is Associated with Activity in Multisensory Brain Areas. <i>Journal of Neuroscience</i> , 2005, 25, 10564-10573.	1.7	727
4	If I Were You: Perceptual Illusion of Body Swapping. <i>PLoS ONE</i> , 2008, 3, e3832.	1.1	693
5	Imagery of Voluntary Movement of Fingers, Toes, and Tongue Activates Corresponding Body-Part-Specific Motor Representations. <i>Journal of Neurophysiology</i> , 2003, 90, 3304-3316.	0.9	525
6	On the other hand: Dummy hands and peripersonal space. <i>Behavioural Brain Research</i> , 2008, 191, 1-10.	1.2	462
7	Inducing illusory ownership of a virtual body. <i>Frontiers in Neuroscience</i> , 2009, 3, 214-220.	1.4	450
8	Towards a digital body: The virtual arm illusion. <i>Frontiers in Human Neuroscience</i> , 2008, 2, 6.	1.0	402
9	Upper limb amputees can be induced to experience a rubber hand as their own. <i>Brain</i> , 2008, 131, 3443-3452.	3.7	385
10	Threatening a rubber hand that you feel is yours elicits a cortical anxiety response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9828-9833.	3.3	312
11	Differential Fronto-Parietal Activation Depending on Force Used in a Precision Grip Task: An fMRI Study. <i>Journal of Neurophysiology</i> , 2001, 85, 2613-2623.	0.9	293
12	Being Barbie: The Size of One's Own Body Determines the Perceived Size of the World. <i>PLoS ONE</i> , 2011, 6, e20195.	1.1	285
13	The moving rubber hand illusion revisited: Comparing movements and visuotactile stimulation to induce illusory ownership. <i>Consciousness and Cognition</i> , 2014, 26, 117-132.	0.8	274
14	From Part- to Whole-Body Ownership in the Multisensory Brain. <i>Current Biology</i> , 2011, 21, 1118-1122.	1.8	261
15	That's Near My Hand! Parietal and Premotor Coding of Hand-Centered Space Contributes to Localization and Self-Attribution of the Hand. <i>Journal of Neuroscience</i> , 2012, 32, 14573-14582.	1.7	232
16	The Perspective Matters! Multisensory Integration in Ego-Centric Reference Frames Determines Full-Body Ownership. <i>Frontiers in Psychology</i> , 2011, 2, 35.	1.1	225
17	Integration of Visual and Tactile Signals From the Hand in the Human Brain: An fMRI Study. <i>Journal of Neurophysiology</i> , 2011, 105, 910-922.	0.9	222
18	The Illusion of Owning a Third Arm. <i>PLoS ONE</i> , 2011, 6, e17208.	1.1	196

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19	Disintegration of Multisensory Signals from the Real Hand Reduces Default Limb Self-Attribution: An fMRI Study. <i>Journal of Neuroscience</i> , 2013, 33, 13350-13366.	1.7	174
20	Posterior Cingulate Cortex Integrates the Senses of Self-Location and Body Ownership. <i>Current Biology</i> , 2015, 25, 1416-1425.	1.8	174
21	Motor imagery involves predicting the sensory consequences of the imagined movement. <i>Nature Communications</i> , 2018, 9, 1617.	5.8	173
22	Human brain activity in the control of fine static precision grip forces: an fMRI study. <i>European Journal of Neuroscience</i> , 2001, 14, 382-390.	1.2	167
23	The Invisible Hand Illusion: Multisensory Integration Leads to the Embodiment of a Discrete Volume of Empty Space. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1078-1099.	1.1	164
24	No causal link between changes in hand position sense and feeling of limb ownership in the rubber hand illusion. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 707-720.	0.7	148
25	fMRI Adaptation Reveals a Cortical Mechanism for the Coding of Space Near the Hand. <i>Journal of Neuroscience</i> , 2011, 31, 9023-9031.	1.7	145
26	Out-of-body-induced hippocampal amnesia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4421-4426.	3.3	145
27	Neural Substrate of Body Size: Illusory Feeling of Shrinking of the Waist. <i>PLoS Biology</i> , 2005, 3, e412.	2.6	114
28	Illusory Changes in Body Size Modulate Body Satisfaction in a Way That Is Related to Non-Clinical Eating Disorder Psychopathology. <i>PLoS ONE</i> , 2014, 9, e85773.	1.1	109
29	Body ownership determines the attenuation of self-generated tactile sensations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8426-8431.	3.3	106
30	The spatial distance rule in the moving and classical rubber hand illusions. <i>Consciousness and Cognition</i> , 2014, 30, 118-132.	0.8	105
31	How Many Arms Make a Pair? Perceptual Illusion of Having an Additional Limb. <i>Perception</i> , 2009, 38, 310-312.	0.5	103
32	Disowning one's seen real body during an out-of-body illusion. <i>Consciousness and Cognition</i> , 2012, 21, 1037-1042.	0.8	98
33	Illusory ownership of an invisible body reduces autonomic and subjective social anxiety responses. <i>Scientific Reports</i> , 2015, 5, 9831.	1.6	97
34	Referral of sensation to an advanced humanoid robotic hand prosthesis. <i>Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery</i> , 2009, 43, 260-266.	0.6	96
35	Simultaneous movements of upper and lower limbs are coordinated by motor representations that are shared by both limbs: a PET study. <i>European Journal of Neuroscience</i> , 2000, 12, 3385-3398.	1.2	89
36	When Right Feels Left: Referral of Touch and Ownership between the Hands. <i>PLoS ONE</i> , 2009, 4, e6933.	1.1	84

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37	Ownership of an artificial limb induced by electrical brain stimulation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 166-171.	3.3	81
38	Illusory Obesity Triggers Body Dissatisfaction Responses in the Insula and Anterior Cingulate Cortex. Cerebral Cortex, 2016, 26, 4450-4460.	1.6	76
39	Functional Connectivity between the Cerebellum and Somatosensory Areas Implements the Attenuation of Self-Generated Touch. Journal of Neuroscience, 2020, 40, 894-906.	1.7	72
40	Patterns of neural activity in the human ventral premotor cortex reflect a whole-body multisensory percept. NeuroImage, 2015, 109, 328-340.	2.1	58
41	Sensorimotor predictions and tool use: Hand-held tools attenuate self-touch. Cognition, 2017, 165, 1-9.	1.1	58
42	Owning the body in the mirror: The effect of visual perspective and mirror view on the full-body illusion. Scientific Reports, 2015, 5, 18345.	1.6	57
43	Body ownership affects visual perception of object size by rescaling the visual representation of external space. Attention, Perception, and Psychophysics, 2014, 76, 1414-1428.	0.7	53
44	Efference Copy Is Necessary for the Attenuation of Self-Generated Touch. IScience, 2020, 23, 100843.	1.9	52
45	Rapid learning and unlearning of predicted sensory delays in self-generated touch. ELife, 2019, 8, .	2.8	50
46	Neural correlates of the rubber hand illusion in amputees: A report of two cases. Neurocase, 2014, 20, 407-420.	0.2	48
47	Direct Electrophysiological Correlates of Body Ownership in Human Cerebral Cortex. Cerebral Cortex, 2019, 29, 1328-1341.	1.6	44
48	An Alternative to Traditional Mirror Therapy. Clinical Journal of Pain, 2013, 29, e10-e18.	0.8	43
49	Rubber Hands Feel Touch, but Not in Blind Individuals. PLoS ONE, 2012, 7, e35912.	1.1	42
50	Illusions of having small or large invisible bodies influence visual perception of object size. Scientific Reports, 2016, 6, 34530.	1.6	41
51	Premotor cortex implements causal inference in multisensory own-body perception. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19771-19773.	3.3	41
52	Phantom digit somatotopy: a functional magnetic resonance imaging study in forearm amputees. European Journal of Neuroscience, 2012, 36, 2098-2106.	1.2	40
53	Which hand is mine? Discriminating body ownership perception in a two-alternative forced-choice task. Attention, Perception, and Psychophysics, 2020, 82, 4058-4083.	0.7	39
54	Pulling telescoped phantoms out of the stump: Manipulating the perceived position of phantom limbs using a full-body illusion. Frontiers in Human Neuroscience, 2011, 5, 121.	1.0	35

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55	The Fusion of Mental Imagery and Sensation in the Temporal Association Cortex. <i>Journal of Neuroscience</i> , 2014, 34, 13684-13692.	1.7	34
56	Fluidity of gender identity induced by illusory body-sex change. <i>Scientific Reports</i> , 2020, 10, 14385.	1.6	32
57	Perception of Our Own Body Influences Self-Concept and Self-Incoherence Impairs Episodic Memory. <i>IScience</i> , 2020, 23, 101429.	1.9	31
58	Interoception as independent cardiac, thermosensory, nociceptive, and affective touch perceptual submodalities. <i>Biological Psychology</i> , 2022, 172, 108355.	1.1	29
59	Dissociating the Neural Basis of Conceptual Self-Awareness from Perceptual Awareness and Unaware Self-Processing. <i>Cerebral Cortex</i> , 2017, 27, 3768-3781.	1.6	26
60	Experimental Induction of a Perceived "Telescoped" Limb Using a Full-Body Illusion. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 34.	1.0	23
61	Implicit and explicit changes in body satisfaction evoked by body size illusions: Implications for eating disorder vulnerability in women. <i>PLoS ONE</i> , 2018, 13, e0199426.	1.1	23
62	Predictive attenuation of touch and tactile gating are distinct perceptual phenomena. <i>IScience</i> , 2022, 25, 104077.	1.9	23
63	Decoding illusory self-location from activity in the human hippocampus. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 412.	1.0	22
64	The magnetic touch illusion: A perceptual correlate of visuo-tactile integration in peripersonal space. <i>Cognition</i> , 2016, 155, 44-56.	1.1	22
65	Full-body ownership illusion elicited by visuo-vestibular integration.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2019, 45, 209-223.	0.7	21
66	No specific relationship between hypnotic suggestibility and the rubber hand illusion. <i>Nature Communications</i> , 2022, 13, 564.	5.8	21
67	Multisensory correlations "Not tactile expectations" Determine the sense of body ownership. <i>PLoS ONE</i> , 2019, 14, e0213265.	1.1	19
68	The contribution of stimulating multiple body parts simultaneously to the illusion of owning an entire artificial body. <i>PLoS ONE</i> , 2021, 16, e0233243.	1.1	18
69	The Content of Imagined Sounds Changes Visual Motion Perception in the Cross-Bounce Illusion. <i>Scientific Reports</i> , 2017, 7, 40123.	1.6	16
70	Multisensory Integration Dominates Hypnotisability and Expectations in the Rubber Hand Illusion. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	16
71	Mental Imagery Induces Cross-Modal Sensory Plasticity and Changes Future Auditory Perception. <i>Psychological Science</i> , 2018, 29, 926-935.	1.8	15
72	No evidence for somatosensory attenuation during action observation of self-touch. <i>European Journal of Neuroscience</i> , 2021, 54, 6422-6444.	1.2	15

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73	Auditory Motion Elicits a Visual Motion Aftereffect. <i>Frontiers in Neuroscience</i> , 2016, 10, 559.	1.4	14
74	Short-term visual deprivation boosts the flexibility of body representation. <i>Scientific Reports</i> , 2018, 8, 6284.	1.6	14
75	The Relationship Between Referral of Touch and the Feeling of Ownership in the Rubber Hand Illusion. <i>Frontiers in Psychology</i> , 2021, 12, 629590.	1.1	14
76	Body ownership promotes visual awareness. <i>ELife</i> , 2017, 6, .	2.8	14
77	Out-of-body memory encoding causes third-person perspective at recall. <i>Journal of Cognitive Psychology</i> , 2022, 34, 160-178.	0.4	13
78	Weakening the subjective sensation of own hand ownership does not interfere with rapid finger movements. <i>PLoS ONE</i> , 2019, 14, e0223580.	1.1	12
79	Tool use changes the spatial extension of the magnetic touch illusion.. <i>Journal of Experimental Psychology: General</i> , 2018, 147, 298-303.	1.5	12
80	Duplication of the bodily self: a perceptual illusion of dual full-body ownership and dual self-location. <i>Royal Society Open Science</i> , 2020, 7, 201911.	1.1	12
81	Perceptual illusion of body-ownership within an immersive realistic environment enhances memory accuracy and re-experiencing. <i>IScience</i> , 2022, 25, 103584.	1.9	12
82	Body ownership shapes self-orientation perception. <i>Scientific Reports</i> , 2018, 8, 16062.	1.6	11
83	Integration of predictions and afferent signals in body ownership. <i>Cognition</i> , 2021, 212, 104722.	1.1	11
84	Predicting pain: differential pain thresholds during self-induced, externally induced, and imagined self-induced pressure pain. <i>Pain</i> , 2021, 162, 1539-1544.	2.0	11
85	The supernumerary rubber hand illusion revisited: Perceived duplication of limbs and visuotactile events.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2021, 47, 810-829.	0.7	10
86	Little evidence for an effect of the rubber hand illusion on basic movement. <i>European Journal of Neuroscience</i> , 2021, 54, 6463-6486.	1.2	9
87	Limits of cross-modal plasticity? Short-term visual deprivation does not enhance cardiac interoception, thermosensation, or tactile spatial acuity. <i>Biological Psychology</i> , 2022, 168, 108248.	1.1	5
88	Perception of One's Own Body within an Immersive Realistic Environment Enhances Accuracy and Re-Experiencing During Memory Retrieval. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0