

# Andrea Serino

## List of Publications by Year in descending order

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Version: 2024-02-01

87  
papers

5,171  
citations

81743  
39  
h-index

98622  
67  
g-index

90  
all docs

90  
docs citations

90  
times ranked

3151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Representation and Perception of the Body in Space. , 2022, , 640-656.		1
2	Neuromuscular electrical stimulation restores upper limb sensory-motor functions and body representations in chronic stroke survivors. Med, 2022, 3, 58-74.e10.	2.2	19
3	Sense of agency for intracortical brain-machine interfaces. Nature Human Behaviour, 2022, 6, 565-578.	6.2	15
4	Acute stress affects peripersonal space representation in cortisol stress responders. Psychoneuroendocrinology, 2022, 142, 105790.	1.3	3
5	Combined virtual reality and haptic robotics induce space and movement invariant sensorimotor adaptation. Neuropsychologia, 2021, 150, 107692.	0.7	10
6	Thought consciousness and source monitoring depend on robotically controlled sensorimotor conflicts and illusory states. IScience, 2021, 24, 101955.	1.9	12
7	Relation between palm and finger cortical representations in primary somatosensory cortex: A 7T fMRI study. Human Brain Mapping, 2021, 42, 2262-2277.	1.9	4
8	How ageing shapes body and space representations: A comparison study between healthy young and older adults. Cortex, 2021, 136, 56-76.	1.1	14
9	Testosterone administration in women increases the size of their peripersonal space. Experimental Brain Research, 2021, 239, 1639-1649.	0.7	8
10	Spatial tuning of electrophysiological responses to multisensory stimuli reveals a primitive coding of the body boundaries in newborns. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	17
11	Sharpening of peripersonal space during the COVID-19 pandemic. Current Biology, 2021, 31, R889-R890.	1.8	16
12	Contribution of interaction force to the sense of hand ownership and the sense of hand agency. Scientific Reports, 2021, 11, 18069.	1.6	3
13	Real-time fMRI and EEG neurofeedback: A perspective on applications for the rehabilitation of spatial neglect. Annals of Physical and Rehabilitation Medicine, 2021, 64, 101561.	1.1	3
14	Enhancing analgesic spinal cord stimulation for chronic pain with personalized immersive virtual reality. Pain, 2021, 162, 1641-1649.	2.0	16
15	From statistical regularities in multisensory inputs to peripersonal space representation and body ownership: Insights from a neural network model. European Journal of Neuroscience, 2021, 53, 611-636.	1.2	11
16	Rapid Recalibration of Peri-Personal Space: Psychophysical, Electrophysiological, and Neural Network Modeling Evidence. Cerebral Cortex, 2020, 30, 5088-5106.	1.6	28
17	Sensorimotor Induction of Auditory Misattribution in Early Psychosis. Schizophrenia Bulletin, 2020, 46, 947-954.	2.3	28
18	Subjective feeling of re-experiencing past events using immersive virtual reality prevents a loss of episodic memory. Brain and Behavior, 2020, 10, e01571.	1.0	28

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19	Multisensory bionic limb to achieve prosthesis embodiment and reduce distorted phantom limb perceptions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 833-836.	0.9	101
20	Peri-personal space encoding in patients with disorders of consciousness and cognitive-motor dissociation. <i>NeuroImage: Clinical</i> , 2019, 24, 101940.	1.4	23
21	Hand size underestimation grows during childhood. <i>Scientific Reports</i> , 2019, 9, 13191.	1.6	17
22	Peripersonal space (PPS) as a multisensory interface between the individual and the environment, defining the space of the self. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 99, 138-159.	2.9	155
23	You or me? Disentangling perspectival, perceptual, and integrative mechanisms in heterotopagnosia. <i>Cortex</i> , 2019, 120, 212-222.	1.1	10
24	Prism adaptation enhances decoupling between the default mode network and the attentional networks. <i>NeuroImage</i> , 2019, 200, 210-220.	2.1	15
25	First-person view of one's body in immersive virtual reality: Influence on episodic memory. <i>PLoS ONE</i> , 2019, 14, e0197763.	1.1	41
26	High Action Values Occur Near Our Body. <i>Trends in Cognitive Sciences</i> , 2019, 23, 269-270.	4.0	14
27	Increased Neural Strength and Reliability to Audiovisual Stimuli at the Boundary of Peripersonal Space. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1155-1172.	1.1	23
28	Differential effects of vestibular processing on orienting exogenous and endogenous covert visual attention. <i>Experimental Brain Research</i> , 2019, 237, 401-410.	0.7	3
29	Hand perceptions induced by single pulse transcranial magnetic stimulation over the primary motor cortex. <i>Brain Stimulation</i> , 2019, 12, 693-701.	0.7	6
30	Enhanced audio-tactile multisensory interaction in a peripersonal task after echolocation. <i>Experimental Brain Research</i> , 2019, 237, 855-864.	0.7	4
31	The role of reference frames in memory recollection. <i>Behavioral and Brain Sciences</i> , 2019, 42, e296.	0.4	4
32	Vestibular modulation of peripersonal space boundaries. <i>European Journal of Neuroscience</i> , 2018, 47, 800-811.	1.2	32
33	Audio-visual sensory deprivation degrades visuo-tactile peri-personal space. <i>Consciousness and Cognition</i> , 2018, 61, 61-75.	0.8	29
34	Illusory hand ownership in a patient with personal neglect for the upper limb, but no somatoparaphenia. <i>Journal of Neuropsychology</i> , 2018, 12, 442-462.	0.6	5
35	Social perception of others shapes one's own multisensory peripersonal space. <i>Cortex</i> , 2018, 104, 163-179.	1.1	67
36	The Architectonic Experience of Body and Space in Augmented Interiors. <i>Frontiers in Psychology</i> , 2018, 9, 375.	1.1	2

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37	Peripersonal Space: An Index of Multisensory Bodyâ€“Environment Interactions in Real, Virtual, and Mixed Realities. <i>Frontiers in ICT</i> , 2018, 4, .	3.6	53
38	Heartbeat-enhanced immersive virtual reality to treat complex regional pain syndrome. <i>Neurology</i> , 2018, 91, e479-e489.	1.5	64
39	Audio-Tactile and Peripersonal Space Processing Around the Trunk in Human Parietal and Temporal Cortex: An Intracranial EEG Study. <i>Cerebral Cortex</i> , 2018, 28, 3385-3397.	1.6	49
40	Neural adaptation accounts for the dynamic resizing of peripersonal space: evidence from a psychophysical-computational approach. <i>Journal of Neurophysiology</i> , 2018, 119, 2307-2333.	0.9	31
41	From multisensory integration in peripersonal space to bodily selfâ€“consciousness: from statistical regularities to statistical inference. <i>Annals of the New York Academy of Sciences</i> , 2018, 1426, 146-165.	1.8	46
42	Can you feel the body that you see? On the relationship between interoceptive accuracy and body image. <i>Body Image</i> , 2017, 20, 130-136.	1.9	31
43	Anatomical and functional properties of the foot and leg representation in areas 3b, 1 and 2 of primary somatosensory cortex in humans: A 7T fMRI study. <i>NeuroImage</i> , 2017, 159, 473-487.	2.1	59
44	Unconscious integration of multisensory bodily inputs in the peripersonal space shapes bodily self-consciousness. <i>Cognition</i> , 2017, 166, 174-183.	1.1	80
45	Bilateral Rolandic operculum processing underlying heartbeat awareness reflects changes in bodily selfâ€“consciousness. <i>European Journal of Neuroscience</i> , 2017, 45, 1300-1312.	1.2	62
46	Common and distinct brain regions processing multisensory bodily signals for peripersonal space and body ownership. <i>NeuroImage</i> , 2017, 147, 602-618.	2.1	134
47	Interplay between Narrative and Bodily Self in Access to Consciousness: No Difference between Self- and Non-self Attributes. <i>Frontiers in Psychology</i> , 2017, 8, 72.	1.1	9
48	Increasing upper limb training intensity in chronic stroke using embodied virtual reality: a pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2017, 14, 119.	2.4	79
49	Quantifying the role of motor imagery in brain-machine interfaces. <i>Scientific Reports</i> , 2016, 6, 24076.	1.6	84
50	Multisensory mechanisms underlying embodiment: Insights from and for spinal cord injury patients. <i>Physics of Life Reviews</i> , 2016, 16, 188-190.	1.5	2
51	Visual gravity contributes to subjective first-person perspective. <i>Neuroscience of Consciousness</i> , 2016, 2016, niw006.	1.4	11
52	Conceptual processing is referenced to the experienced location of the self, not to the location of the physical body. <i>Cognition</i> , 2016, 154, 182-192.	1.1	25
53	Variability in Multisensory Responses Predicts the Self-Space. <i>Trends in Cognitive Sciences</i> , 2016, 20, 169-170.	4.0	14
54	Body part-centered and full body-centered peripersonal space representations. <i>Scientific Reports</i> , 2015, 5, 18603.	1.6	145

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55	Extending peripersonal space representation without tool-use: evidence from a combined behavioral-computational approach. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 4.	1.0	65
56	The wheelchair as a full-body tool extending the peripersonal space. <i>Frontiers in Psychology</i> , 2015, 6, 639.	1.1	76
57	Distinct contributions of Brodmann areas 1 and 2 to body ownership. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1449-1459.	1.5	22
58	Moving sounds within the peripersonal space modulate the motor system. <i>Neuropsychologia</i> , 2015, 70, 421-428.	0.7	32
59	Your place or mine: Shared sensory experiences elicit a remapping of peripersonal space. <i>Neuropsychologia</i> , 2015, 70, 455-461.	0.7	64
60	Peripersonal space as the space of the bodily self. <i>Cognition</i> , 2015, 144, 49-57.	1.1	123
61	The two dimensions of the body representation in women suffering from Anorexia Nervosa. <i>Psychiatry Research</i> , 2015, 230, 181-188.	1.7	49
62	Behavioral, Neural, and Computational Principles of Bodily Self-Consciousness. <i>Neuron</i> , 2015, 88, 145-166.	3.8	503
63	Full body action remapping of peripersonal space: The case of walking. <i>Neuropsychologia</i> , 2015, 70, 375-384.	0.7	94
64	Dissociating effect of upper limb non-use and overuse on space and body representations. <i>Neuropsychologia</i> , 2015, 70, 385-392.	0.7	73
65	Auditory verbal hallucinations of epileptic origin. <i>Epilepsy and Behavior</i> , 2014, 31, 181-186.	0.9	16
66	Neurological and Robot-Controlled Induction of an Apparition. <i>Current Biology</i> , 2014, 24, 2681-2686.	1.8	121
67	The vestibular system: a spatial reference for bodily self-consciousness. <i>Frontiers in Integrative Neuroscience</i> , 2014, 8, 31.	1.0	111
68	Tool-use reshapes the boundaries of body and peripersonal space representations. <i>Experimental Brain Research</i> , 2013, 228, 25-42.	0.7	194
69	Bodily ownership and self-location: Components of bodily self-consciousness. <i>Consciousness and Cognition</i> , 2013, 22, 1239-1252.	0.8	190
70	Social Modulation of Peripersonal Space Boundaries. <i>Current Biology</i> , 2013, 23, 406-411.	1.8	177
71	It feels like it's me: Interpersonal multisensory stimulation enhances visual remapping of touch from other to self.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 630-637.	0.7	35
72	Amputation and prosthesis implantation shape body and peripersonal space representations. <i>Scientific Reports</i> , 2013, 3, 2844.	1.6	92

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73	Embodying an outgroup: the role of racial bias and the effect of multisensory processing in somatosensory remapping. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 165.	1.0	46
74	Tool use induces complex and flexible plasticity of human body representations. <i>Behavioral and Brain Sciences</i> , 2012, 35, 229-230.	0.4	19
75	Dynamic Sounds Capture the Boundaries of Peripersonal Space Representation in Humans. <i>PLoS ONE</i> , 2012, 7, e44306.	1.1	171
76	Emotional modulation of visual remapping of touch.. <i>Emotion</i> , 2012, 12, 980-987.	1.5	17
77	Suppression of premotor cortex disrupts motor coding of peripersonal space. <i>NeuroImage</i> , 2012, 63, 281-288.	2.1	71
78	Fronto-parietal Areas Necessary for a Multisensory Representation of Peripersonal Space in Humans: An rTMS Study. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2956-2967.	1.1	120
79	Viewing One's Own Face Being Touched Modulates Tactile Perception: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 503-513.	1.1	75
80	Neural bases of peri-hand space plasticity through tool-use: Insights from a combined computationalâ€“experimental approach. <i>Neuropsychologia</i> , 2010, 48, 812-830.	0.7	48
81	Everyday use of the computer mouse extends peripersonal space representation. <i>Neuropsychologia</i> , 2010, 48, 803-811.	0.7	170
82	Visuotactile Representation of Peripersonal Space: A Neural Network Study. <i>Neural Computation</i> , 2010, 22, 190-243.	1.3	40
83	Motor Properties of Peripersonal Space in Humans. <i>PLoS ONE</i> , 2009, 4, e6582.	1.1	72
84	Action-dependent plasticity in peripersonal space representations. <i>Cognitive Neuropsychology</i> , 2008, 25, 1099-1113.	0.4	107
85	Viewing a Face (Especially One's Own Face) Being Touched Enhances Tactile Perception on the Face. <i>Psychological Science</i> , 2008, 19, 434-438.	1.8	109
86	Extended Multisensory Space in Blind Cane Users. <i>Psychological Science</i> , 2007, 18, 642-648.	1.8	216
87	Dynamic Size-Change of Peri-Hand Space Following Tool-Use: Determinants and Spatial Characteristics Revealed Through Cross-Modal Extinction. <i>Cortex</i> , 2007, 43, 436-443.	1.1	84