

# Andrea Serino

## List of Publications by Year in descending order

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87  
papers

5,171  
citations

81900  
39  
h-index

98798  
67  
g-index

90  
all docs

90  
docs citations

90  
times ranked

3151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioral, Neural, and Computational Principles of Bodily Self-Consciousness. <i>Neuron</i> , 2015, 88, 145-166.	8.1	503
2	Extended Multisensory Space in Blind Cane Users. <i>Psychological Science</i> , 2007, 18, 642-648.	3.3	216
3	Tool-use reshapes the boundaries of body and peripersonal space representations. <i>Experimental Brain Research</i> , 2013, 228, 25-42.	1.5	194
4	Bodily ownership and self-location: Components of bodily self-consciousness. <i>Consciousness and Cognition</i> , 2013, 22, 1239-1252.	1.5	190
5	Social Modulation of Peripersonal Space Boundaries. <i>Current Biology</i> , 2013, 23, 406-411.	3.9	177
6	Dynamic Sounds Capture the Boundaries of Peripersonal Space Representation in Humans. <i>PLoS ONE</i> , 2012, 7, e44306.	2.5	171
7	Everyday use of the computer mouse extends peripersonal space representation. <i>Neuropsychologia</i> , 2010, 48, 803-811.	1.6	170
8	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.	6.1	155
9	Body part-centered and full body-centered peripersonal space representations. <i>Scientific Reports</i> , 2015, 5, 18603.	3.3	145
10	Common and distinct brain regions processing multisensory bodily signals for peripersonal space and body ownership. <i>NeuroImage</i> , 2017, 147, 602-618.	4.2	134
11	Peripersonal space as the space of the bodily self. <i>Cognition</i> , 2015, 144, 49-57.	2.2	123
12	Neurological and Robot-Controlled Induction of an Apparition. <i>Current Biology</i> , 2014, 24, 2681-2686.	3.9	121
13	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.	2.3	120
14	The vestibular system: a spatial reference for bodily self-consciousness. <i>Frontiers in Integrative Neuroscience</i> , 2014, 8, 31.	2.1	111
15	Viewing a Face (Especially One's Own Face) Being Touched Enhances Tactile Perception on the Face. <i>Psychological Science</i> , 2008, 19, 434-438.	3.3	109
16	Action-dependent plasticity in peripersonal space representations. <i>Cognitive Neuropsychology</i> , 2008, 25, 1099-1113.	1.1	107
17	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.	1.9	101
18	Full body action remapping of peripersonal space: The case of walking. <i>Neuropsychologia</i> , 2015, 70, 375-384.	1.6	94

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19	Amputation and prosthesis implantation shape body and peripersonal space representations. Scientific Reports, 2013, 3, 2844.	3.3	92
20	Dynamic Size-Change of Peri-Hand Space Following Tool-Use: Determinants and Spatial Characteristics Revealed Through Cross-Modal Extinction. Cortex, 2007, 43, 436-443.	2.4	84
21	Quantifying the role of motor imagery in brain-machine interfaces. Scientific Reports, 2016, 6, 24076.	3.3	84
22	Unconscious integration of multisensory bodily inputs in the peripersonal space shapes bodily self-consciousness. Cognition, 2017, 166, 174-183.	2.2	80
23	Increasing upper limb training intensity in chronic stroke using embodied virtual reality: a pilot study. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 119.	4.6	79
24	The wheelchair as a full-body tool extending the peripersonal space. Frontiers in Psychology, 2015, 6, 639.	2.1	76
25	Viewing One's Own Face Being Touched Modulates Tactile Perception: An fMRI Study. Journal of Cognitive Neuroscience, 2011, 23, 503-513.	2.3	75
26	Dissociating effect of upper limb non-use and overuse on space and body representations. Neuropsychologia, 2015, 70, 385-392.	1.6	73
27	Motor Properties of Peripersonal Space in Humans. PLoS ONE, 2009, 4, e6582.	2.5	72
28	Suppression of premotor cortex disrupts motor coding of peripersonal space. NeuroImage, 2012, 63, 281-288.	4.2	71
29	Social perception of others shapes one's own multisensory peripersonal space. Cortex, 2018, 104, 163-179.	2.4	67
30	Extending peripersonal space representation without tool-use: evidence from a combined behavioral-computational approach. Frontiers in Behavioral Neuroscience, 2015, 9, 4.	2.0	65
31	Your place or mine: Shared sensory experiences elicit a remapping of peripersonal space. Neuropsychologia, 2015, 70, 455-461.	1.6	64
32	Heartbeat-enhanced immersive virtual reality to treat complex regional pain syndrome. Neurology, 2018, 91, e479-e489.	1.1	64
33	Bilateral Rolandic operculum processing underlying heartbeat awareness reflects changes in bodily self-consciousness. European Journal of Neuroscience, 2017, 45, 1300-1312.	2.6	62
34	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. NeuroImage, 2017, 159, 473-487.	4.2	59
35	Peripersonal Space: An Index of Multisensory Body-Environment Interactions in Real, Virtual, and Mixed Realities. Frontiers in ICT, 2018, 4, .	3.6	53
36	The two dimensions of the body representation in women suffering from Anorexia Nervosa. Psychiatry Research, 2015, 230, 181-188.	3.3	49

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37	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.	2.9	49
38	Neural bases of peri-hand space plasticity through tool-use: Insights from a combined computationalâ€œexperimental approach. <i>Neuropsychologia</i> , 2010, 48, 812-830.	1.6	48
39	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.	2.0	46
40	From multisensory integration in peripersonal space to bodily selfâ€œconsciousness: from statistical regularities to statistical inference. <i>Annals of the New York Academy of Sciences</i> , 2018, 1426, 146-165.	3.8	46
41	First-person view of oneâ€™s body in immersive virtual reality: Influence on episodic memory. <i>PLoS ONE</i> , 2019, 14, e0197763.	2.5	41
42	Visuotactile Representation of Peripersonal Space: A Neural Network Study. <i>Neural Computation</i> , 2010, 22, 190-243.	2.2	40
43	It feels like itâ€™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.	0.9	35
44	Moving sounds within the peripersonal space modulate the motor system. <i>Neuropsychologia</i> , 2015, 70, 421-428.	1.6	32
45	Vestibular modulation of peripersonal space boundaries. <i>European Journal of Neuroscience</i> , 2018, 47, 800-811.	2.6	32
46	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.	4.3	31
47	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.	1.8	31
48	Audio-visual sensory deprivation degrades visuo-tactile peri-personal space. <i>Consciousness and Cognition</i> , 2018, 61, 61-75.	1.5	29
49	Rapid Recalibration of Peri-Personal Space: Psychophysical, Electrophysiological, and Neural Network Modeling Evidence. <i>Cerebral Cortex</i> , 2020, 30, 5088-5106.	2.9	28
50	Sensorimotor Induction of Auditory Misattribution in Early Psychosis. <i>Schizophrenia Bulletin</i> , 2020, 46, 947-954.	4.3	28
51	Subjective feeling of reâ€œexperiencing past events using immersive virtual reality prevents a loss of episodic memory. <i>Brain and Behavior</i> , 2020, 10, e01571.	2.2	28
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.	2.2	25
53	Peri-personal space encoding in patients with disorders of consciousness and cognitive-motor dissociation. <i>NeuroImage: Clinical</i> , 2019, 24, 101940.	2.7	23
54	Increased Neural Strength and Reliability to Audiovisual Stimuli at the Boundary of Peripersonal Space. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1155-1172.	2.3	23

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55	Distinct contributions of Brodmann areas 1 and 2 to body ownership. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1449-1459.	3.0	22
56	Tool use induces complex and flexible plasticity of human body representations. <i>Behavioral and Brain Sciences</i> , 2012, 35, 229-230.	0.7	19
57	Neuromuscular electrical stimulation restores upper limb sensory-motor functions and body representations in chronic stroke survivors. <i>Med</i> , 2022, 3, 58-74.e10.	4.4	19
58	Emotional modulation of visual remapping of touch.. <i>Emotion</i> , 2012, 12, 980-987.	1.8	17
59	Hand size underestimation grows during childhood. <i>Scientific Reports</i> , 2019, 9, 13191.	3.3	17
60	Spatial tuning of electrophysiological responses to multisensory stimuli reveals a primitive coding of the body boundaries in newborns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
61	Auditory verbal hallucinations of epileptic origin. <i>Epilepsy and Behavior</i> , 2014, 31, 181-186.	1.7	16
62	Sharpening of peripersonal space during the COVID-19 pandemic. <i>Current Biology</i> , 2021, 31, R889-R890.	3.9	16
63	Enhancing analgesic spinal cord stimulation for chronic pain with personalized immersive virtual reality. <i>Pain</i> , 2021, 162, 1641-1649.	4.2	16
64	Prism adaptation enhances decoupling between the default mode network and the attentional networks. <i>NeuroImage</i> , 2019, 200, 210-220.	4.2	15
65	Sense of agency for intracortical brain-machine interfaces. <i>Nature Human Behaviour</i> , 2022, 6, 565-578.	12.0	15
66	Variability in Multisensory Responses Predicts the Self-Space. <i>Trends in Cognitive Sciences</i> , 2016, 20, 169-170.	7.8	14
67	High Action Values Occur Near Our Body. <i>Trends in Cognitive Sciences</i> , 2019, 23, 269-270.	7.8	14
68	How ageing shapes body and space representations: A comparison study between healthy young and older adults. <i>Cortex</i> , 2021, 136, 56-76.	2.4	14
69	Thought consciousness and source monitoring depend on robotically controlled sensorimotor conflicts and illusory states. <i>IScience</i> , 2021, 24, 101955.	4.1	12
70	Visual gravity contributes to subjective first-person perspective. <i>Neuroscience of Consciousness</i> , 2016, 2016, niw006.	2.6	11
71	From statistical regularities in multisensory inputs to peripersonal space representation and body ownership: Insights from a neural network model. <i>European Journal of Neuroscience</i> , 2021, 53, 611-636.	2.6	11
72	You or me? Disentangling perspectival, perceptual, and integrative mechanisms in heterotopagnosia. <i>Cortex</i> , 2019, 120, 212-222.	2.4	10

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73	Combined virtual reality and haptic robotics induce space and movement invariant sensorimotor adaptation. <i>Neuropsychologia</i> , 2021, 150, 107692.	1.6	10
74	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.	2.1	9
75	Testosterone administration in women increases the size of their peripersonal space. <i>Experimental Brain Research</i> , 2021, 239, 1639-1649.	1.5	8
76	Hand perceptions induced by single pulse transcranial magnetic stimulation over the primary motor cortex. <i>Brain Stimulation</i> , 2019, 12, 693-701.	1.6	6
77	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.	1.4	5
78	Enhanced audio-tactile multisensory interaction in a peripersonal task after echolocation. <i>Experimental Brain Research</i> , 2019, 237, 855-864.	1.5	4
79	Relation between palm and finger cortical representations in primary somatosensory cortex: A 7T fMRI study. <i>Human Brain Mapping</i> , 2021, 42, 2262-2277.	3.6	4
80	The role of reference frames in memory recollection. <i>Behavioral and Brain Sciences</i> , 2019, 42, e296.	0.7	4
81	Differential effects of vestibular processing on orienting exogenous and endogenous covert visual attention. <i>Experimental Brain Research</i> , 2019, 237, 401-410.	1.5	3
82	Contribution of interaction force to the sense of hand ownership and the sense of hand agency. <i>Scientific Reports</i> , 2021, 11, 18069.	3.3	3
83	Real-time fMRI and EEG neurofeedback: A perspective on applications for the rehabilitation of spatial neglect. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101561.	2.3	3
84	Acute stress affects peripersonal space representation in cortisol stress responders. <i>Psychoneuroendocrinology</i> , 2022, 142, 105790.	2.7	3
85	Multisensory mechanisms underlying embodiment: Insights from and for spinal cord injury patients. <i>Physics of Life Reviews</i> , 2016, 16, 188-190.	2.8	2
86	The Architectonic Experience of Body and Space in Augmented Interiors. <i>Frontiers in Psychology</i> , 2018, 9, 375.	2.1	2
87	Representation and Perception of the Body in Space. , 2022, , 640-656.		1