Silvio Ionta

List of Publications by Year in descending order

50 papers	2,913 citations	236925 25 h-index	214800 47 g-index
55 all docs	55 docs citations	55 times ranked	3244 citing authors

#	Article	IF	Citations
1	Illusory Body Ownership Affects the Cortical Response to Vicarious Somatosensation. Cerebral Cortex, 2022, 32, 312-328.	2.9	7
2	Editorial: Psychology and Neuropsychology of Perception, Action, and Cognition. Frontiers in Human Neuroscience, 2022, 16, 875947.	2.0	0
3	Social Touch Somatotopically Affects Mental Body Representations. Neuroscience, 2022, 494, 178-186.	2.3	3
4	The Influence of Personality, Resilience, and Alexithymia on Mental Health During COVID-19 Pandemic. Frontiers in Psychology, 2021, 12, 630751.	2.1	79
5	The neural substrates of subliminal attentional bias and reduced inhibition in individuals with a higher BMI: A VBM and resting state connectivity study. NeuroImage, 2021, 229, 117725.	4.2	7
6	Anatomo-Functional Origins of the Cortical Silent Period: Spotlight on the Basal Ganglia. Brain Sciences, 2021, 11, 705.	2.3	19
7	Visual Neuropsychology in Development: Anatomo-Functional Brain Mechanisms of Action/Perception Binding in Health and Disease. Frontiers in Human Neuroscience, 2021, 15, 689912.	2.0	11
8	Increased emotional eating during COVID-19 associated with lockdown, psychological and social distress. Appetite, 2021, 160, 105122.	3.7	166
9	Neuro-Behavioral Correlates of Executive Dysfunctions in Dyslexia Over Development From Childhood to Adulthood. Frontiers in Psychology, 2021, 12, 708863.	2.1	16
10	Cognitive Training Improves Disconnected Limbsâ€™ Mental Representation and Peripersonal Space after Spinal Cord Injury. International Journal of Environmental Research and Public Health, 2021, 18, 9589.	2.6	9
11	Temporo-parietal contribution to the mental representations of self/other face. Brain and Cognition, 2020, 143, 105600.	1.8	20
12	Network-based fMRI-neurofeedback training of sustained attention. NeuroImage, 2020, 221, 117194.	4.2	36
13	Visual similarity and psychological closeness are neurally dissociable in the brain response to vicarious pain. Cortex, 2020, 133, 295-308.	2.4	17
14	Visuo-motor and interoceptive influences on peripersonal space representation following spinal cord injury. Scientific Reports, 2020, 10, 5162.	3.3	19
15	3-Dimensional magnetic resonance imaging of the freely moving human eye. Progress in Neurobiology, 2020, 194, 101885.	5.7	9
16	Neurocognitive Benefits of Physiotherapy for Spinal Cord Injury. Journal of Neurotrauma, 2019, 36, 2028-2035.	3.4	30
17	Contributions of Intraindividual and Interindividual Differences to Multisensory Processes. Journal of Cognitive Neuroscience, 2019, 31, 360-376.	2.3	12
18	Beyond variability: Subjective timing and the neurophysiology of motor cognition. Brain Stimulation, 2018, 11, 175-180.	1.6	24

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19	Electrically Assisted Movement Therapy in Chronic Stroke Patients With Severe Upper Limb Paresis: A Pilot, Single-Blind, Randomized Crossover Study. Archives of Physical Medicine and Rehabilitation, 2017, 98, 1628-1635.e2.	0.9	25
20	Implicit self-other discrimination affects the interplay between multisensory affordances of mental representations of faces. Behavioural Brain Research, 2017, 333, 282-285.	2.2	8
21	Biomimetic rehabilitation engineering: the importance of somatosensory feedback for brainâ€“machine interfaces. Journal of Neural Engineering, 2016, 13, 041001.	3.5	26
22	Differential neural encoding of sensorimotor and visual body representations. Scientific Reports, 2016, 6, 37259.	3.3	27
23	Shaping Intrinsic Neural Oscillations with Periodic Stimulation. Journal of Neuroscience, 2016, 36, 5328-5337.	3.6	131
24	Spinal cord injury affects the interplay between visual and sensorimotor representations of the body. Scientific Reports, 2016, 6, 20144.	3.3	42
25	Insights and Perspectives on Sensory-Motor Integration and Rehabilitation. Multisensory Research, 2016, 29, 607-633.	1.1	9
26	Health, pathology, and rehabilitation of the sensoryâ€“motor loop. Neuropsychologia, 2015, 79, 173-174.	1.6	0
27	Sensory-motor integration in focal dystonia. Neuropsychologia, 2015, 79, 288-300.	1.6	64
28	Understanding the role of the primary somatosensory cortex: Opportunities for rehabilitation. Neuropsychologia, 2015, 79, 246-255.	1.6	196
29	Hand-in-hand advances in biomedical engineering and sensorimotor restoration. Journal of Neuroscience Methods, 2015, 246, 22-29.	2.5	24
30	Inferior frontal oscillations reveal visuo-motor matching for actions and speech: evidence from human intracranial recordings. Neuropsychologia, 2015, 79, 206-214.	1.6	12
31	Focal dystonia and the Sensory-Motor Integrative Loop for Enacting (SMILE). Frontiers in Human Neuroscience, 2014, 8, 458.	2.0	45
32	The brain network reflecting bodily self-consciousness: a functional connectivity study. Social Cognitive and Affective Neuroscience, 2014, 9, 1904-1913.	3.0	96
33	Anatomically plausible illusory posture affects mental rotation of body parts. Cognitive, Affective and Behavioral Neuroscience, 2013, 13, 197-209.	2.0	48
34	The social and personality neuroscience of empathy for pain and touch. Frontiers in Human Neuroscience, 2013, 7, 393.	2.0	41
35	Body Context and Posture Affect Mental Imagery of Hands. PLoS ONE, 2012, 7, e34382.	2.5	56
36	Multisensory Mechanisms in Temporo-Parietal Cortex Support Self-Location and First-Person Perspective. Neuron, 2011, 70, 363-374.	8.1	385

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37	Multi-Sensory and Sensorimotor Foundation of Bodily Self-Consciousness â€“ An Interdisciplinary Approach. Frontiers in Psychology, 2011, 2, 383.	2.1	73
38	Neuroscience robotics to investigate multisensory integration and bodily awareness. , 2011, 2011, 8348-52.		9
39	Stepâ€byâ€step: The effects of physical practice on the neural correlates of locomotion imagery revealed by fMRI. Human Brain Mapping, 2010, 31, 694-702.	3.6	32
40	Mental Imagery for Full and Upper Human Bodies: Common Right Hemisphere Activations and Distinct Extrastriate Activations. Brain Topography, 2010, 23, 321-332.	1.8	48
41	Postural adjustment in experimental leg length difference evaluated by means of thermal infrared imaging. Physiological Measurement, 2010, 31, 35-43.	2.1	33
42	Egocentric and object-based transformations in the laterality judgement of human and animal faces and of non-corporeal objects. Behavioural Brain Research, 2010, 207, 452-457.	2.2	15
43	Differential influence of hands posture on mental rotation of hands and feet in left and right handers. Experimental Brain Research, 2009, 195, 207-217.	1.5	134
44	Subjective mental time: the functional architecture of projecting the self to past and future. European Journal of Neuroscience, 2009, 30, 2009-2017.	2.6	89
45	Virtual lesion of ventral premotor cortex impairs visual perception of biomechanically possible but not impossible actions. Social Neuroscience, 2008, 3, 388-400.	1.3	138
46	Representation of body identity and body actions in extrastriate body area and ventral premotor cortex. Nature Neuroscience, 2007, 10, 30-31.	14.8	281
47	Mental rotation of body parts and non-corporeal objects in patients with idiopathic cervical dystonia. Neuropsychologia, 2007, 45, 2346-2354.	1.6	67
48	The influence of hands posture on mental rotation of hands and feet. Experimental Brain Research, 2007, 183, 1-7.	1.5	182
49	Influence of imagined posture and imagery modality on corticospinal excitability. Behavioural Brain Research, 2006, 168, 190-196.	2.2	91
50	Are We the Robots?. Advances in Bioinformatics and Biomedical Engineering Book Series, 0, , 81-100.	0.4	1