

Silvio Ionta

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,913
citations

236833

25
h-index

214721

47
g-index

55
all docs

55
docs citations

55
times ranked

3244
citing authors

#	ARTICLE	IF	CITATIONS
1	Multisensory Mechanisms in Temporo-Parietal Cortex Support Self-Location and First-Person Perspective. <i>Neuron</i> , 2011, 70, 363-374.	3.8	385
2	Representation of body identity and body actions in extrastriate body area and ventral premotor cortex. <i>Nature Neuroscience</i> , 2007, 10, 30-31.	7.1	281
3	Understanding the role of the primary somatosensory cortex: Opportunities for rehabilitation. <i>Neuropsychologia</i> , 2015, 79, 246-255.	0.7	196
4	The influence of hands posture on mental rotation of hands and feet. <i>Experimental Brain Research</i> , 2007, 183, 1-7.	0.7	182
5	Increased emotional eating during COVID-19 associated with lockdown, psychological and social distress. <i>Appetite</i> , 2021, 160, 105122.	1.8	166
6	Virtual lesion of ventral premotor cortex impairs visual perception of biomechanically possible but not impossible actions. <i>Social Neuroscience</i> , 2008, 3, 388-400.	0.7	138
7	Differential influence of hands posture on mental rotation of hands and feet in left and right handers. <i>Experimental Brain Research</i> , 2009, 195, 207-217.	0.7	134
8	Shaping Intrinsic Neural Oscillations with Periodic Stimulation. <i>Journal of Neuroscience</i> , 2016, 36, 5328-5337.	1.7	131
9	The brain network reflecting bodily self-consciousness: a functional connectivity study. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1904-1913.	1.5	96
10	Influence of imagined posture and imagery modality on corticospinal excitability. <i>Behavioural Brain Research</i> , 2006, 168, 190-196.	1.2	91
11	Subjective mental time: the functional architecture of projecting the self to past and future. <i>European Journal of Neuroscience</i> , 2009, 30, 2009-2017.	1.2	89
12	The Influence of Personality, Resilience, and Alexithymia on Mental Health During COVID-19 Pandemic. <i>Frontiers in Psychology</i> , 2021, 12, 630751.	1.1	79
13	Multi-Sensory and Sensorimotor Foundation of Bodily Self-Consciousness – An Interdisciplinary Approach. <i>Frontiers in Psychology</i> , 2011, 2, 383.	1.1	73
14	Mental rotation of body parts and non-corporeal objects in patients with idiopathic cervical dystonia. <i>Neuropsychologia</i> , 2007, 45, 2346-2354.	0.7	67
15	Sensory-motor integration in focal dystonia. <i>Neuropsychologia</i> , 2015, 79, 288-300.	0.7	64
16	Body Context and Posture Affect Mental Imagery of Hands. <i>PLoS ONE</i> , 2012, 7, e34382.	1.1	56
17	Mental Imagery for Full and Upper Human Bodies: Common Right Hemisphere Activations and Distinct Extrastriate Activations. <i>Brain Topography</i> , 2010, 23, 321-332.	0.8	48
18	Anatomically plausible illusory posture affects mental rotation of body parts. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 197-209.	1.0	48

#	ARTICLE	IF	CITATIONS
19	Focal dystonia and the Sensory-Motor Integrative Loop for Enacting (SMILE). <i>Frontiers in Human Neuroscience</i> , 2014, 8, 458.	1.0	45
20	Spinal cord injury affects the interplay between visual and sensorimotor representations of the body. <i>Scientific Reports</i> , 2016, 6, 20144.	1.6	42
21	The social and personality neuroscience of empathy for pain and touch. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 393.	1.0	41
22	Network-based fMRI-neurofeedback training of sustained attention. <i>NeuroImage</i> , 2020, 221, 117194.	2.1	36
23	Postural adjustment in experimental leg length difference evaluated by means of thermal infrared imaging. <i>Physiological Measurement</i> , 2010, 31, 35-43.	1.2	33
24	Step-by-step: The effects of physical practice on the neural correlates of locomotion imagery revealed by fMRI. <i>Human Brain Mapping</i> , 2010, 31, 694-702.	1.9	32
25	Neurocognitive Benefits of Physiotherapy for Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 2028-2035.	1.7	30
26	Differential neural encoding of sensorimotor and visual body representations. <i>Scientific Reports</i> , 2016, 6, 37259.	1.6	27
27	Biomimetic rehabilitation engineering: the importance of somatosensory feedback for brain-machine interfaces. <i>Journal of Neural Engineering</i> , 2016, 13, 041001.	1.8	26
28	Electrically Assisted Movement Therapy in Chronic Stroke Patients With Severe Upper Limb Paresis: A Pilot, Single-Blind, Randomized Crossover Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 1628-1635.e2.	0.5	25
29	Hand-in-hand advances in biomedical engineering and sensorimotor restoration. <i>Journal of Neuroscience Methods</i> , 2015, 246, 22-29.	1.3	24
30	Beyond variability: Subjective timing and the neurophysiology of motor cognition. <i>Brain Stimulation</i> , 2018, 11, 175-180.	0.7	24
31	Temporo-parietal contribution to the mental representations of self/other face. <i>Brain and Cognition</i> , 2020, 143, 105600.	0.8	20
32	Visuo-motor and interoceptive influences on peripersonal space representation following spinal cord injury. <i>Scientific Reports</i> , 2020, 10, 5162.	1.6	19
33	Anatomo-Functional Origins of the Cortical Silent Period: Spotlight on the Basal Ganglia. <i>Brain Sciences</i> , 2021, 11, 705.	1.1	19
34	Visual similarity and psychological closeness are neurally dissociable in the brain response to vicarious pain. <i>Cortex</i> , 2020, 133, 295-308.	1.1	17
35	Neuro-Behavioral Correlates of Executive Dysfunctions in Dyslexia Over Development From Childhood to Adulthood. <i>Frontiers in Psychology</i> , 2021, 12, 708863.	1.1	16
36	Egocentric and object-based transformations in the laterality judgement of human and animal faces and of non-corporeal objects. <i>Behavioural Brain Research</i> , 2010, 207, 452-457.	1.2	15

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37	Inferior frontal oscillations reveal visuo-motor matching for actions and speech: evidence from human intracranial recordings. <i>Neuropsychologia</i> , 2015, 79, 206-214.	0.7	12
38	Contributions of Intraindividual and Interindividual Differences to Multisensory Processes. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 360-376.	1.1	12
39	Visual Neuropsychology in Development: Anatomico-Functional Brain Mechanisms of Action/Perception Binding in Health and Disease. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 689912.	1.0	11
40	Neuroscience robotics to investigate multisensory integration and bodily awareness. , 2011, 2011, 8348-52.		9
41	Insights and Perspectives on Sensory-Motor Integration and Rehabilitation. <i>Multisensory Research</i> , 2016, 29, 607-633.	0.6	9
42	3-Dimensional magnetic resonance imaging of the freely moving human eye. <i>Progress in Neurobiology</i> , 2020, 194, 101885.	2.8	9
43	Cognitive Training Improves Disconnected Limbsâ€™ Mental Representation and Peripersonal Space after Spinal Cord Injury. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9589.	1.2	9
44	Implicit self-other discrimination affects the interplay between multisensory affordances of mental representations of faces. <i>Behavioural Brain Research</i> , 2017, 333, 282-285.	1.2	8
45	The neural substrates of subliminal attentional bias and reduced inhibition in individuals with a higher BMI: A VBM and resting state connectivity study. <i>NeuroImage</i> , 2021, 229, 117725.	2.1	7
46	Illusory Body Ownership Affects the Cortical Response to Vicarious Somatosensation. <i>Cerebral Cortex</i> , 2022, 32, 312-328.	1.6	7
47	Social Touch Somatotopically Affects Mental Body Representations. <i>Neuroscience</i> , 2022, 494, 178-186.	1.1	3
48	Are We the Robots?. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 0, , 81-100.	0.2	1
49	Health, pathology, and rehabilitation of the sensoryâ€™ motor loop. <i>Neuropsychologia</i> , 2015, 79, 173-174.	0.7	0
50	Editorial: Psychology and Neuropsychology of Perception, Action, and Cognition. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 875947.	1.0	0