

# Massimo Silvetti

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,604  
citations

394286

19  
h-index

501076

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1985  
citing authors

#	ARTICLE	IF	CITATIONS
1	Damage to White Matter Pathways in Subacute and Chronic Spatial Neglect: A Group Study and 2 Single-Case Studies with Complete Virtual "In Vivo" Tractography Dissection. <i>Cerebral Cortex</i> , 2014, 24, 691-706.	1.6	300
2	Neural Correlates of the Spatial and Expectancy Components of Endogenous and Stimulus-Driven Orienting of Attention in the Posner Task. <i>Cerebral Cortex</i> , 2010, 20, 1574-1585.	1.6	199
3	Overlapping Neural Systems Represent Cognitive Effort and Reward Anticipation. <i>PLoS ONE</i> , 2014, 9, e91008.	1.1	145
4	Value and Prediction Error in Medial Frontal Cortex: Integrating the Single-Unit and Systems Levels of Analysis. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 75.	1.0	112
5	From conflict management to reward-based decision making: Actors and critics in primate medial frontal cortex. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 46, 44-57.	2.9	95
6	Adaptive effort investment in cognitive and physical tasks: a neurocomputational model. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 57.	1.0	91
7	No pain, no gain: the affective valence of congruency conditions changes following a successful response. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 251-261.	1.0	67
8	Dorsal anterior cingulate-brainstem ensemble as a reinforcement meta-learner. <i>PLoS Computational Biology</i> , 2018, 14, e1006370.	1.5	61
9	Dissociating contributions of ACC and vmPFC in reward prediction, outcome, and choice. <i>Neuropsychologia</i> , 2014, 59, 112-123.	0.7	60
10	Value and prediction error estimation account for volatility effects in ACC: A model-based fMRI study. <i>Cortex</i> , 2013, 49, 1627-1635.	1.1	52
11	Causes of cross-over in unilateral neglect: between-group comparisons, within-patient dissociations and eye movements. <i>Brain</i> , 2005, 128, 1386-1406.	3.7	50
12	Effects of Vestibular Rotatory Accelerations on Covert Attentional Orienting in Vision and Touch. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1638-1651.	1.1	48
13	The influence of the noradrenergic system on optimal control of neural plasticity. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 160.	1.0	37
14	Deficient reinforcement learning in medial frontal cortex as a model of dopamine-related motivational deficits in ADHD. <i>Neural Networks</i> , 2013, 46, 199-209.	3.3	33
15	Human midcingulate cortex encodes distributed representations of task progress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6398-6403.	3.3	32
16	The Response of the Left Ventral Attentional System to Invalid Targets and its Implication for the Spatial Neglect Syndrome: a Multivariate fMRI Investigation. <i>Cerebral Cortex</i> , 2016, 26, 4551-4562.	1.6	31
17	Reward expectation and prediction error in human medial frontal cortex: An EEG study. <i>NeuroImage</i> , 2014, 84, 376-382.	2.1	29
18	The "we look at dreams: evidence from unilateral spatial neglect (with an evolutionary account) Tj ETQq0,0 0 rgBT /Overlock	0.7	28

#	ARTICLE	IF	CITATIONS
19	Left and right temporal-parietal junctions (TPJs) as “match/mismatch”-hedonic machines: A unifying account of TPJ function. <i>Physics of Life Reviews</i> , 2022, 42, 56-92.	1.5	21
20	Selective reorienting response of the left hemisphere to invalid visual targets in the right side of space: Relevance for the spatial neglect syndrome. <i>Cortex</i> , 2015, 65, 31-35.	1.1	20
21	Autistic traits are related to worse performance in a volatile reward learning task despite adaptive learning rates. <i>Autism</i> , 2021, 25, 440-451.	2.4	20
22	Determining priority between attentional and referential-coding sources of the Simon effect through optokinetic stimulation. <i>Neuropsychologia</i> , 2010, 48, 1011-1015.	0.7	15
23	Computational Modeling of Catecholamines Dysfunction in Alzheimer’s Disease at Pre-Plaque Stage. <i>Journal of Alzheimer’s Disease</i> , 2020, 77, 275-290.	1.2	15
24	Expectancy modulates pupil size both during endogenous orienting and during re-orienting of spatial attention: A study with isoluminant stimuli. <i>European Journal of Neuroscience</i> , 2019, 50, 2893-2904.	1.2	11
25	No reversal of the Oppel-Kundt illusion with short stimuli: confutation of the space anisometry interpretation of neglect and “cross-over” in line bisection. <i>Brain</i> , 2008, 131, e94-e94.	3.7	8
26	Reinforcement Learning, High-Level Cognition, and the Human Brain. , 0, , .		8
27	Commentary: The Role of the Parietal Cortex in the Representation of Task-Reward Associations. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 192.	1.0	4
28	Object-centred neglect: Simulation with head-centred coding based on Gaussian gaze-dependent units. <i>Neuropsychologia</i> , 2007, 45, 2553-2560.	0.7	3
29	A Computational Hypothesis on How Serotonin Regulates Catecholamines in the Pathogenesis of Depressive Apathy. <i>Springer Series in Cognitive and Neural Systems</i> , 2019, , 127-134.	0.1	2
30	Simulating object-centred neglect with head-centred coding of space based on non-linear gaze-dependent units. <i>Advances in Consciousness Research</i> , 2006, , 381-394.	0.2	0
31	How The Brain Learns To Control Itself. , 2018, , .		0