Luca Turella

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7705872/publications.pdf

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37	1,688	516710 16	361022 35
papers	citations	h-index	g-index

41	41	41	2975
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variability in the analysis of a single neuroimaging dataset by many teams. Nature, 2020, 582, 84-88.	27.8	634
2	An object for an action, the same object for other actions: effects on hand shaping. Experimental Brain Research, 2008, 185, 111-119.	1.5	162
3	Mirror neurons in humans: Consisting or confounding evidence?. Brain and Language, 2009, 108, 10-21.	1.6	142
4	When Gaze Turns into Grasp. Journal of Cognitive Neuroscience, 2006, 18, 2130-2137.	2.3	69
5	Neural correlates of grasping. Frontiers in Human Neuroscience, 2014, 8, 686.	2.0	69
6	Expertise modulates the neural basis of context dependent recognition of objects and their relations. Human Brain Mapping, 2012, 33, 2728-2740.	3.6	52
7	Neurofunctional Modulation of Brain Regions by the Observation of Pointing and Grasping Actions. Cerebral Cortex, 2009, 19, 367-374.	2.9	51
8	MEG Multivariate Analysis Reveals Early Abstract Action Representations in the Lateral Occipitotemporal Cortex. Journal of Neuroscience, 2015, 35, 16034-16045.	3.6	48
9	Corticospinal Facilitation during Observation of Graspable Objects: A Transcranial Magnetic Stimulation Study. PLoS ONE, 2012, 7, e49025.	2.5	43
10	Visual features of an observed agent do not modulate human brain activity during action observation. NeuroImage, 2009, 46, 844-853.	4.2	42
11	Beta band modulations underlie action representations for movement planning. NeuroImage, 2016, 136, 197-207.	4.2	42
12	Decoding motor imagery and action planning in the early visual cortex: Overlapping but distinct neural mechanisms. NeuroImage, 2020, 218, 116981.	4.2	39
13	Observing social interactions: The effect of gaze. Social Neuroscience, 2008, 3, 51-59.	1.3	31
14	Hierarchical Action Encoding Within the Human Brain. Cerebral Cortex, 2020, 30, 2924-2938.	2.9	26
15	Expertise in action observation: recent neuroimaging findings and future perspectives. Frontiers in Human Neuroscience, 2013, 7, 637.	2.0	21
16	Object Presence Modulates Activity within the Somatosensory Component of the Action Observation Network. Cerebral Cortex, 2012, 22, 668-679.	2.9	20
17	Smelling odors, understanding actions. Social Neuroscience, 2011, 6, 31-47.	1.3	19
18	Parsing rooms: the role of the PPA and RSC in perceiving object relations and spatial layout. Brain Structure and Function, 2019, 224, 2505-2524.	2.3	18

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19	Independent Component Decomposition of Human Somatosensory Evoked Potentials Recorded by Micro-Electrocorticography. International Journal of Neural Systems, 2017, 27, 1650052.	5.2	15
20	Second Surgery in Insular Low-Grade Gliomas. BioMed Research International, 2015, 2015, 1-11.	1.9	13
21	Sex Differences in Affective Facial Reactions Are Present in Childhood. Frontiers in Integrative Neuroscience, 2018, 12, 19.	2.1	12
22	Distractor objects affect fingersâ€™ angular distances but not fingersâ€™ shaping during grasping. Experimental Brain Research, 2007, 178, 194-205.	1.5	11
23	Motor ontology in representing gazeâ€“object relations. Neuroscience Letters, 2008, 430, 246-251.	2.1	11
24	Quantitative Diffusion Tensor Imaging Analysis of Low-Grade Gliomas: From Preclinical Application to Patient Care. World Neurosurgery, 2017, 97, 333-343.	1.3	11
25	Predictive coding of action intentions in dorsal and ventral visual stream is based on visual anticipations, memory-based information and motor preparation. Brain Structure and Function, 2019, 224, 3291-3308.	2.3	11
26	Lockdown effects on Parkinsonâ€™s disease during COVID-19 pandemic: a pilot study. Acta Neurologica Belgica, 2021, 121, 1191-1198.	1.1	11
27	Decoding category and familiarity information during visual imagery. NeuroImage, 2021, 241, 118428.	4.2	10
28	Investigation of the neural correlates underlying action observation in multiple sclerosis patients. Experimental Neurology, 2009, 217, 252-257.	4.1	8
29	Bimanual non-congruent actions in motor neglect syndrome: a combined behavioral/fMRI study. Frontiers in Human Neuroscience, 2015, 9, 541.	2.0	8
30	Common spatiotemporal processing of visual features shapes object representation. Scientific Reports, 2019, 9, 7601.	3.3	7
31	Subcortical grey matter changes associated with motor symptoms evaluated by the Unified Parkinsonâ€™s disease Rating Scale (part III): A longitudinal study in Parkinsonâ€™s disease. NeuroImage: Clinical, 2021, 31, 102745.	2.7	7
32	Neural encoding and functional interactions underlying pantomimed movements. Brain Structure and Function, 2021, 226, 2321-2337.	2.3	4
33	Editorial: Neural implementation of expertise. Frontiers in Human Neuroscience, 2015, 9, 545.	2.0	2
34	Hierarchical Organization of Action Encoding Within The Human Brain. Journal of Vision, 2016, 16, 24.	0.3	1
35	Do dorsolateral and dorsomedial pathways interact? Investigating parieto-frontal connectivity during a prehension task: a TMS-fMRI study.. Journal of Vision, 2016, 16, 676.	0.3	0
36	Decoding real and imagined actions: overlapping but distinct neural representations for planning vs. imagining hand movements. Journal of Vision, 2017, 17, 458.	0.3	0

#	Article	IF	Citations
37	Decoding action intention from the activity pattern in the Foveal Cortex. Journal of Vision, 2018, 18, 72.	0.3	0