

Giovanni Buccino

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

11,893
citations

66343

42
h-index

102487

66
g-index

71
all docs

71
docs citations

71
times ranked

7354
citing authors

#	ARTICLE	IF	CITATIONS
1	Action Observation Treatment in a tele-rehabilitation setting: a pilot study in children with cerebral palsy. <i>Disability and Rehabilitation</i> , 2022, 44, 1107-1112.	1.8	21
2	The Semantics of Natural Objects and Tools in the Brain: A Combined Behavioral and MEG Study. <i>Brain Sciences</i> , 2022, 12, 97.	2.3	6
3	What matters is the underlying experience: Similar motor responses during processing observed hand actions and hand-related verbs. <i>Journal of Neuropsychology</i> , 2022, 16, 389-406.	1.4	7
4	Evidence for the Concreteness of Abstract Language: A Meta-Analysis of Neuroimaging Studies. <i>Brain Sciences</i> , 2022, 12, 32.	2.3	16
5	How Do We Motorically Resonate in Aging? A Compensatory Role of Prefrontal Cortex. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 694676.	3.4	4
6	Motor sequence learning in patients with ideomotor apraxia: Effects of long-term training. <i>Neuropsychologia</i> , 2021, 159, 107921.	1.6	1
7	Respiratory function modulated during execution, observation, and imagination of walking via SII. <i>Scientific Reports</i> , 2021, 11, 23752.	3.3	2
8	Combining Action Observation Treatment with a Brain-Computer Interface System: Perspectives on Neurorehabilitation. <i>Sensors</i> , 2021, 21, 8504.	3.8	5
9	The concreteness of abstract language: an ancient issue and a new perspective. <i>Brain Structure and Function</i> , 2019, 224, 1385-1401.	2.3	12
10	Action and object words are differentially anchored in the sensory motor system - A perspective on cognitive embodiment. <i>Scientific Reports</i> , 2018, 8, 6583.	3.3	32
11	Processing graspable object images and their nouns is impaired in Parkinson's disease patients. <i>Cortex</i> , 2018, 100, 32-39.	2.4	44
12	Action Observation Treatment Improves Upper Limb Motor Functions in Children with Cerebral Palsy: A Combined Clinical and Brain Imaging Study. <i>Neural Plasticity</i> , 2018, 2018, 1-11.	2.2	51
13	The role of the parietal cortex in sensorimotor transformations and action coding. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 151, 467-479.	1.8	16
14	Cerebral Activation During Initial Motor Learning Forecasts Subsequent Sleep-Facilitated Memory Consolidation in Older Adults. <i>Cerebral Cortex</i> , 2017, 27, bhv347.	2.9	40
15	Enhancement of motor consolidation by post-training transcranial direct current stimulation in older people. <i>Neurobiology of Aging</i> , 2017, 49, 1-8.	3.1	52
16	Chained Activation of the Motor System during Language Understanding. <i>Frontiers in Psychology</i> , 2017, 8, 199.	2.1	8
17	Fluent Speakers of a Second Language Process Graspable Nouns Expressed in L2 Like in Their Native Language. <i>Frontiers in Psychology</i> , 2017, 8, 1306.	2.1	23
18	Grounding meaning in experience: A broad perspective on embodied language. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 69, 69-78.	6.1	68

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19	Response: Commentary: Viewing photos and reading nouns of natural graspable objects similarly modulate motor responses. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 524.	2.0	0
20	Walking indoors, walking outdoors: an fMRI study. <i>Frontiers in Psychology</i> , 2015, 6, 1502.	2.1	18
21	Languageâ€™ motor interference reflected in MEG beta oscillations. <i>NeuroImage</i> , 2015, 109, 438-448.	4.2	53
22	Viewing photos and reading nouns of natural graspable objects similarly modulate motor responses. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 968.	2.0	37
23	Action observation treatment: a novel tool in neurorehabilitation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130185.	4.0	253
24	Does comprehension of symbolic gestures and corresponding-in-meaning words make use of motor simulation?. <i>Behavioural Brain Research</i> , 2014, 259, 297-301.	2.2	6
25	Neuroni specchio in etÃ evolutiva: prospettive cliniche e di ricerca. , 2014, , 191-204.		0
26	Brain repair after strokeâ€™ a novel neurological model. <i>Nature Reviews Neurology</i> , 2013, 9, 698-707.	10.1	69
27	Brain function overlaps when people observe emblems, speech, and grasping. <i>Neuropsychologia</i> , 2013, 51, 1619-1629.	1.6	57
28	Action observation versus motor imagery in learning a complex motor task: A short review of literature and a kinematics study. <i>Neuroscience Letters</i> , 2013, 540, 37-42.	2.1	128
29	How the motor system handles nouns: a behavioral study. <i>Psychological Research</i> , 2013, 77, 64-73.	1.7	50
30	Improving upper limb motor functions through action observation treatment: a pilot study in children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2012, 54, 822-828.	2.1	122
31	Language sensorimotor specificity modulates the motor system. <i>Cortex</i> , 2012, 48, 849-856.	2.4	37
32	The mirror neuron system and treatment of stroke. <i>Developmental Psychobiology</i> , 2012, 54, 293-310.	1.6	122
33	Nouns referring to tools and natural objects differentially modulate the motor system. <i>Neuropsychologia</i> , 2012, 50, 19-25.	1.6	33
34	Abstract and Concrete Sentences, Embodiment, and Languages. <i>Frontiers in Psychology</i> , 2011, 2, 227.	2.1	47
35	Action observation treatment improves autonomy in daily activities in Parkinson's disease patients: Results from a pilot study. <i>Movement Disorders</i> , 2011, 26, 1963-1964.	3.9	78
36	On the tip of the tongue: Modulation of the primary motor cortex during audiovisual speech perception. <i>Speech Communication</i> , 2010, 52, 533-541.	2.8	85

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37	Grasping language – A short story on embodiment. <i>Consciousness and Cognition</i> , 2010, 19, 711-720.	1.5	139
38	Action Observation Treatment Improves Recovery of Postsurgical Orthopedic Patients: Evidence for a Top-Down Effect?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 1489-1494.	0.9	97
39	Broken affordances, broken objects: A TMS study. <i>Neuropsychologia</i> , 2009, 47, 3074-3078.	1.6	139
40	Task related modulation of the motor system during language processing. <i>Brain and Language</i> , 2008, 105, 83-90.	1.6	127
41	Neural substrates for observing and imagining non-object-directed actions. <i>Social Neuroscience</i> , 2008, 3, 261-275.	1.3	114
42	The Different Neural Correlates of Action and Functional Knowledge in Semantic Memory: An fMRI Study. <i>Cerebral Cortex</i> , 2008, 18, 740-751.	2.9	151
43	Processing Abstract Language Modulates Motor System Activity. <i>Quarterly Journal of Experimental Psychology</i> , 2008, 61, 905-919.	1.1	333
44	Mirror neurons and the understanding of behavioural symptoms in psychiatric disorders. <i>Current Opinion in Psychiatry</i> , 2008, 21, 281-285.	6.3	52
45	Neural Dynamics of Learning Sound–Action Associations. <i>PLoS ONE</i> , 2008, 3, e3845.	2.5	25
46	The neural basis for understanding non-intended actions. <i>NeuroImage</i> , 2007, 36, T119-T127.	4.2	63
47	Action observation has a positive impact on rehabilitation of motor deficits after stroke. <i>NeuroImage</i> , 2007, 36, T164-T173.	4.2	536
48	Prefrontal involvement in imitation learning of hand actions: Effects of practice and expertise. <i>NeuroImage</i> , 2007, 37, 1371-1383.	4.2	301
49	Polymodal conceptual processing of human biological actions in the left inferior frontal lobe. <i>European Journal of Neuroscience</i> , 2007, 25, 881-889.	2.6	64
50	Functions of the Mirror Neuron System: Implications for Neurorehabilitation. <i>Cognitive and Behavioral Neurology</i> , 2006, 19, 55-63.	0.9	265
51	The role of affordances in inhibition of return. <i>Psychonomic Bulletin and Review</i> , 2006, 13, 1085-1090.	2.8	10
52	The role of ventral premotor cortex in action execution and action understanding. <i>Journal of Physiology (Paris)</i> , 2006, 99, 396-405.	2.1	167
53	Listening to action-related sentences modulates the activity of the motor system: A combined TMS and behavioral study. <i>Cognitive Brain Research</i> , 2005, 24, 355-363.	3.0	564
54	Listening to Action-related Sentences Activates Fronto-parietal Motor Circuits. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 273-281.	2.3	925

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55	Grasping the Intentions of Others with One's Own Mirror Neuron System. PLoS Biology, 2005, 3, e79.	5.6	1,452
56	Neural Circuits Involved in the Recognition of Actions Performed by Nonconspecifics: An fMRI Study. Journal of Cognitive Neuroscience, 2004, 16, 114-126.	2.3	663
57	The mirror neuron system and action recognition. Brain and Language, 2004, 89, 370-376.	1.6	386
58	Motor functions of the Broca's region. Brain and Language, 2004, 89, 362-369.	1.6	228
59	Activation of cerebellar hemispheres in spatial memorization of saccadic eye movements: An fMRI study. Human Brain Mapping, 2004, 22, 155-164.	3.6	44
60	Neural Circuits Underlying Imitation Learning of Hand Actions. Neuron, 2004, 42, 323-334.	8.1	838
61	Supramodal Representation of Objects and Actions in the Human Inferior Temporal and Ventral Premotor Cortex. Cortex, 2004, 40, 159-161.	2.4	50
62	Mirror apraxia affects the peripersonal mirror space. A combined lesion and cerebral activation study. Experimental Brain Research, 2003, 153, 210-219.	1.5	27
63	A fronto-parietal circuit for tactile object discrimination. NeuroImage, 2003, 19, 1103-1114.	4.2	154
64	Speech listening specifically modulates the excitability of tongue muscles: a TMS study. European Journal of Neuroscience, 2002, 15, 399-402.	2.6	709
65	Cortical mechanism for the visual guidance of hand grasping movements in the monkey: A reversible inactivation study. Brain, 2001, 124, 571-586.	7.6	364
66	A fronto-parietal circuit for object manipulation in man: evidence from an fMRI-study. European Journal of Neuroscience, 1999, 11, 3276-3286.	2.6	652
67	A parieto-premotor network for object manipulation: evidence from neuroimaging. Experimental Brain Research, 1999, 128, 210-213.	1.5	251
68	Corticospinal excitability is specifically modulated by motor imagery: a magnetic stimulation study. Neuropsychologia, 1998, 37, 147-158.	1.6	389
69	The Anatomy and Physiology of the Motor System in Humans. , 0, , 507-539.		3
70	Embodied language and the process of language learning and teaching. Consciousness & Emotion Book Series, 0, , 191-208.	0.2	7