Giuseppe Luppino

List of Publications by Year
in descending order

75 papers	15,093 citations	53794 45 h-index	88630 70 g-index
76 all docs	76 docs citations	76 times ranked	6833 citing authors

#	Article	IF	Citations
1	The Complex Hodological Architecture of the Macaque Dorsal Intraparietal Areas as Emerging from Neural Tracers and DW-MRI Tractography. ENeuro, 2021, 8, ENEURO.0102-21.2021.	1.9	6
2	Comparative anatomy of the macaque and the human frontal oculomotor domain. Neuroscience and Biobehavioral Reviews, 2021, 126, 43-56.	6.1	5
3	Laminar Origin of Corticostriatal Projections to the Motor Putamen in the Macaque Brain. Journal of Neuroscience, 2021, 41, 1455-1469.	3.6	9
4	Projections to the putamen from neurons located in the white matter and the claustrum in the macaque. Journal of Comparative Neurology, 2020, 528, 453-467.	1.6	6
5	Reproducing macaque lateral grasping and oculomotor networks using resting state functional connectivity and diffusion tractography. Brain Structure and Function, 2020, 225, 2533-2551.	2.3	11
6	Large-scale temporoâ€“parietoâ€“frontal networks for motor and cognitive motor functions in the primate brain. Cortex, 2019, 118, 19-37.	2.4	33
7	Rostro-caudal Connectional Heterogeneity of the Dorsal Part of the Macaque Prefrontal Area 46. Cerebral Cortex, 2019, 29, 485-504.	2.9	25
8	The macaque lateral grasping network: A neural substrate for generating purposeful hand actions. Neuroscience and Biobehavioral Reviews, 2017, 75, 65-90.	6.1	96
9	Functional anatomy of the macaque temporo-parieto-frontal connectivity. Cortex, 2017, 97, 306-326.	2.4	39
10	Computational Architecture of the Parieto-Frontal Network Underlying Cognitive-Motor Control in Monkeys. ENeuro, 2017, 4, ENEURO.0306-16.2017.	1.9	62
11	Connections of the macaque Granular Frontal Opercular (GrFO) area: a possible neural substrate for the contribution of limbic inputs for controlling hand and face/mouth actions. Brain Structure and Function, 2016, 221, 59-78.	2.3	27
12	Corticostriate Projections from Areas of the â€œLateral Grasping Networkâ€: Evidence for Multiple Hand-Related Input Channels. Cerebral Cortex, 2016, 26, 3096-3115.	2.9	35
13	Premotor Cortex. , 2015, , 846-851.		1
14	Projections from Caudal Ventrolateral Prefrontal Areas to Brainstem Preoculomotor Structures and to Basal Ganglia and Cerebellar Oculomotor Loops in the Macaque. Cerebral Cortex, 2015, 25, 748-764.	2.9	28
15	Projections to the Superior Colliculus From Inferior Parietal, Ventral Premotor, and Ventrolateral Prefrontal Areas Involved in Controlling Goal-Directed Hand Actions in the Macaque. Cerebral Cortex, 2014, 24, 1054-1065.	2.9	48
16	Amygdalar connections of the macaque areas 45A and 45B. Brain Structure and Function, 2014, 219, 831-842.	2.3	16
17	Connectional Heterogeneity of the Ventral Part of the Macaque Area 46. Cerebral Cortex, 2013, 23, 967-987.	2.9	94
18	Motor Cortexâˆ—. , 2012, , 1012-1035.		11

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19	Cortical connections of the anterior (F5a) subdivision of the macaque ventral premotor area F5. Brain Structure and Function, 2011, 216, 43-65.	2.3	162
20	Action Observation Circuits in the Macaque Monkey Cortex. Journal of Neuroscience, 2011, 31, 3743-3756.	3.6	230
21	Anatomical Evidence for the Involvement of the Macaque Ventrolateral Prefrontal Area 12r in Controlling Goal-Directed Actions. Journal of Neuroscience, 2011, 31, 12351-12363.	3.6	96
22	Projections of the hand field of the macaque ventral premotor area F5 to the brainstem and spinal cord. Journal of Comparative Neurology, 2010, 518, 2570-2591.	1.6	95
23	Thalamic projections to the macaque caudal ventrolateral prefrontal areas 45A and 45B. European Journal of Neuroscience, 2010, 32, 1337-1353.	2.6	18
24	Cortical Connections of the Macaque Caudal Ventrolateral Prefrontal Areas 45A and 45B. Cerebral Cortex, 2010, 20, 141-168.	2.9	145
25	Multimodal architectonic subdivision of the rostral part (area F5) of the macaque ventral premotor cortex. Journal of Comparative Neurology, 2009, 512, 183-217.	1.6	125
26	Cortical connections of the visuomotor parietooccipital area V6Ad of the macaque monkey. Journal of Comparative Neurology, 2009, 513, 622-642.	1.6	148
27	Cortical Connections of the Macaque Anterior Intraparietal (AIP) Area. Cerebral Cortex, 2008, 18, 1094-1111.	2.9	390
28	A multiarchitectonic approach for the definition of functionally distinct areas and domains in the monkey frontal lobe. Journal of Anatomy, 2007, 211, 199-211.	1.5	36
29	Multimodal architectonic subdivision of the caudal ventrolateral prefrontal cortex of the macaque monkey. Brain Structure and Function, 2007, 212, 269-301.	2.3	57
30	Architectonic organization of the inferior parietal convexity of the macaque monkey. Journal of Comparative Neurology, 2006, 496, 422-451.	1.6	131
31	Cortical Connections of the Inferior Parietal Cortical Convexity of the Macaque Monkey. Cerebral Cortex, 2006, 16, 1389-1417.	2.9	349
32	Neurochemical characterization of the cerebellar-recipient motor thalamic territory in the macaque monkey. European Journal of Neuroscience, 2005, 21, 1869-1894.	2.6	29
33	Occipital (V6) and parietal (V6A) areas in the anterior wall of the parieto-occipital sulcus of the macaque: a cytoarchitectonic study. European Journal of Neuroscience, 2005, 21, 3056-3076.	2.6	113
34	Motor functions of the parietal lobe. Current Opinion in Neurobiology, 2005, 15, 626-631.	4.2	403
35	The macaque inferior parietal lobule: cytoarchitecture and distribution pattern of serotonin 5-HT1A binding sites. Anatomy and Embryology, 2005, 210, 353-362.	1.5	11
36	Observing Others: Multiple Action Representation in the Frontal Lobe. Science, 2005, 310, 332-336.	12.6	342

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37	Frontal cortical areas of the monkey brain engaged in reaching behavior: A 14C-deoxyglucose imaging study. NeuroImage, 2005, 27, 442-464.	4.2	16
38	MOTOR CORTEX. , 2004, , 973-996.		20
39	Architectonics of the Primates Cortex: Usefulness and Limits. Cortex, 2004, 40, 209-210.	2.4	9
40	Prefrontal and agranular cingulate projections to the dorsal premotor areas F2 and F7 in the macaque monkey. European Journal of Neuroscience, 2003, 17, 559-578.	2.6	171
41	Parietofrontal Circuits for Action and Space Perception in the Macaque Monkey. NeuroImage, 2001, 14, S27-S32.	4.2	174
42	The Cortical Motor System. Neuron, 2001, 31, 889-901.	8.1	1,311
43	The cortical connections of area V6: an occipito-parietal network processing visual information. European Journal of Neuroscience, 2001, 13, 1572-1588.	2.6	206
44	Projections from the superior temporal sulcus to the agranular frontal cortex in the macaque. European Journal of Neuroscience, 2001, 14, 1035-1040.	2.6	80
45	Three-dimensional Reconstruction and Visualization of the Cerebral Cortex in Primates. Eurographics, 2001, , 147-156.	0.4	7
46	Neurofilament protein distribution in the macaque monkey dorsolateral premotor cortex. European Journal of Neuroscience, 2000, 12, 1554-1566.	2.6	44
47	Functional neuroanatomy of the primate isocortical motor system. Anatomy and Embryology, 2000, 202, 443-474.	1.5	439
48	Selectivity for the Shape, Size, and Orientation of Objects for Grasping in Neurons of Monkey Parietal Area AIP. Journal of Neurophysiology, 2000, 83, 2580-2601.	1.8	775
49	Largely segregated parietofrontal connections linking rostral intraparietal cortex (areas AIP and VIP) and the ventral premotor cortex (areas F5 and F4). Experimental Brain Research, 1999, 128, 181-187.	1.5	331
50	Visual responses in the dorsal premotor area F2 of the macaque monkey. Experimental Brain Research, 1999, 128, 194-199.	1.5	106
51	The organization of the cortical motor system: new concepts. Electroencephalography and Clinical Neurophysiology, 1998, 106, 283-296.	0.3	1,136
52	Receptor autoradiographic mapping of the mesial motor and premotor cortex of the macaque monkey. , 1998, 397, 231-250.		78
53	Superior area 6 afferents from the superior parietal lobule in the macaque monkey. Journal of Comparative Neurology, 1998, 402, 327-352.	1.6	314
54	Parcellation of human mesial area 6: cytoarchitectonic evidence for three separate areas. European Journal of Neuroscience, 1998, 10, 2199-2203.	2.6	89

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55	Coding of peripersonal space in inferior premotor cortex (area F4). Journal of Neurophysiology, 1996, 76, 141-157.	1.8	587
56	Thalamic input to mesial and superior area 6 in the macaque monkey. Journal of Comparative Neurology, 1996, 372, 59-87.	1.6	150
57	The fronto-parietal cortex of the prosimian Galago: Patterns of cytochrome oxidase activity and motor maps. Behavioural Brain Research, 1994, 60, 91-113.	2.2	23
58	Corticospinal projections from mesial frontal and cingulate areas in the monkey. NeuroReport, 1994, 5, 2545-2548.	1.2	99
59	Corticocortical connections of area F3 (SMA-proper) and area F6 (pre-SMA) in the macaque monkey. Journal of Comparative Neurology, 1993, 338, 114-140.	1.6	742
60	Space coding by premotor cortex. Experimental Brain Research, 1992, 89, 686-690.	1.5	204
61	Characterization and Regional Distribution of a Class of Synapses with Highly Concentrated cAMP Binding Sites in the Rat Brain. European Journal of Neuroscience, 1991, 3, 669-687.	2.6	13
62	Architecture of superior and mesial area 6 and the adjacent cingulate cortex in the macaque monkey. Journal of Comparative Neurology, 1991, 311, 445-462.	1.6	573
63	Multiple representations of body movements in mesial area 6 and the adjacent cingulate cortex: An intracortical microstimulation study in the macaque monkey. Journal of Comparative Neurology, 1991, 311, 463-482.	1.6	533
64	Cortico-cortical connections of two electrophysiologically identified arm representations in the mesial agranular frontal cortex. Experimental Brain Research, 1990, 82, 214-8.	1.5	108
65	Neurons related to reaching-grasping arm movements in the rostral part of area 6 (area 6a?). Experimental Brain Research, 1990, 82, 337-50.	1.5	248
66	Somatotopic Representation in Inferior Area 6 of the Macaque Monkey. Brain, Behavior and Evolution, 1989, 33, 118-121.	1.7	32
67	Thalamic input to inferior area 6 and area 4 in the macaque monkey. Journal of Comparative Neurology, 1989, 280, 468-488.	1.6	219
68	Cholinergic projections from the midbrain reticular formation and the parabigeminal nucleus to the lateral geniculate nucleus in the tree shrew. Journal of Comparative Neurology, 1988, 272, 43-67.	1.6	58
69	New view of the organization of the pulvinar nucleus inTupaia as revealed by tectopulvinar and pulvinar-cortical projections. Journal of Comparative Neurology, 1988, 273, 67-86.	1.6	41
70	Functional organization of inferior area 6 in the macaque monkey. Experimental Brain Research, 1988, 71, 475-490.	1.5	571
71	Functional organization of inferior area 6 in the macaque monkey. Experimental Brain Research, 1988, 71, 491-507.	1.5	1,477
72	Neurons related to goal-directed motor acts in inferior area 6 of the macaque monkey. Experimental Brain Research, 1987, 67, 220-224.	1.5	121

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73	Evidence of interhemispheric transmission in laterality effects. Neuropsychologia, 1985, 23, 203-213.	1.6	47
74	Patterns of cytochrome oxidase activity in the frontal agranular cortex of the macaque monkey. Behavioural Brain Research, 1985, 18, 125-136.	2.2	508
75	Policies and Measures for Sustainable and Energy Efficient Urban Freight Transport. , 0, , .		1