Robert J Morecraft

List of Publications by Year
in descending order

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Version: 2024-02-01

49 papers	4,172 citations	186265 28 h-index	223800 46 g-index
51 all docs	51 docs citations	51 times ranked	3583 citing authors

#	Article	IF	Citations
1	Cytoarchitecture and neural afferents of orbitofrontal cortex in the brain of the monkey. Journal of Comparative Neurology, 1992, 323, 341-358.	1.6	519
2	Cortical innervation of the facial nucleus in the non-human primate. Brain, 2001, 124, 176-208.	7.6	365
3	Cingulate input to the primary and supplementary motor cortices in the rhesus monkey: Evidence for somatotopy in areas 24c and 23c. Journal of Comparative Neurology, 1992, 322, 471-489.	1.6	294
4	Convergence of Limbic Input to the Cingulate Motor Cortex in the Rhesus Monkey. Brain Research Bulletin, 1998, 45, 209-232.	3.0	254
5	Architecture of Connectivity Within a Cingulo-Fronto-Parietal Neurocognitive Network for Directed Attention. Archives of Neurology, 1993, 50, 279-284.	4.5	240
6	Cytoarchitecture and cortical connections of the posterior cingulate and adjacent somatosensory fields in the rhesus monkey. Journal of Comparative Neurology, 2004, 469, 37-69.	1.6	219
7	Frontal granular cortex input to the cingulate (M3), supplementary (M2) and primary (M1) motor cortices in the rhesus monkey. Journal of Comparative Neurology, 1993, 337, 669-689.	1.6	192
8	Cytoarchitecture and cortical connections of the anterior cingulate and adjacent somatomotor fields in the rhesus monkey. Brain Research Bulletin, 2012, 87, 457-497.	3.0	168
9	Connections of the Monkey Cingulate Cortex. , 1993, , 249-284.		159
10	The Motor Cortex and Facial Expression:. Neurologist, 2004, 10, 235-249.	0.7	156
11	Amygdala interconnections with the cingulate motor cortex in the rhesus monkey. Journal of Comparative Neurology, 2007, 500, 134-165.	1.6	133
12	Prolonged Microgliosis in the Rhesus Monkey Central Nervous System after Traumatic Brain Injury. Journal of Neurotrauma, 2007, 24, 1719-1742.	3.4	132
13	Localization of arm representation in the corona radiata and internal capsule in the nonâ€human primate. Brain, 2002, 125, 176-198.	7.6	129
14	What's in a â€œSmile?â€•Intra-operative Observations of Contralateral Smiles Induced by Deep Brain Stimulation. Neurocase, 2004, 10, 271-279.	0.6	106
15	Selective longâ€term reorganization of the corticospinal projection from the supplementary motor cortex following recovery from lateral motor cortex injury. Journal of Comparative Neurology, 2010, 518, 586-621.	1.6	85
16	White Matter Integrity Is a Stronger Predictor of Motor Function Than BOLD Response in Patients With Stroke. Neurorehabilitation and Neural Repair, 2011, 25, 275-284.	2.9	82
17	Terminal distribution of the corticospinal projection from the hand/arm region of the primary motor cortex to the cervical enlargement in rhesus monkey. Journal of Comparative Neurology, 2013, 521, 4205-4235.	1.6	79
18	A Functional Magnetic Resonance Imaging Study in Patients with Benign Essential Blepharospasm. Journal of Neuro-Ophthalmology, 2003, 23, 11-15.	0.8	71

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19	FUNCTIONAL RECOVERY FOLLOWING MOTOR CORTEX LESIONS IN NON-HUMAN PRIMATES: EXPERIMENTAL IMPLICATIONS FOR HUMAN STROKE PATIENTS. Journal of Integrative Neuroscience, 2011, 10, 353-384.	1.7	65
20	Hand Motor Recovery Following Extensive Frontoparietal Cortical Injury Is Accompanied by Upregulated Corticoreticular Projections in Monkey. Journal of Neuroscience, 2018, 38, 6323-6339.	3.6	58
21	Organization of face representation in the cingulate cortex of the rhesus monkey. NeuroReport, 1996, 7, 1343-1348.	1.2	49
22	Localization of Area Prostriata and its Projection to the Cingulate Motor Cortex in the Rhesus Monkey. Cerebral Cortex, 2000, 10, 192-203.	2.9	49
23	Long-Term Gliosis and Molecular Changes in the Cervical Spinal Cord of the Rhesus Monkey after Traumatic Brain Injury. Journal of Neurotrauma, 2010, 27, 565-585.	3.4	46
24	Thalamic projections to the posteromedial cortex in the macaque. Journal of Comparative Neurology, 2008, 507, 1709-1733.	1.6	45
25	Volumetric effects of motor cortex injury on recovery of dexterous movements. Experimental Neurology, 2009, 220, 90-108.	4.1	44
26	Low-frequency stimulation enhances ensemble co-firing and dexterity after stroke. Cell, 2021, 184, 912-930.e20.	28.9	41
27	Measurement of Reaching Kinematics and Prehensile Dexterity in Nonhuman Primates. Journal of Neurophysiology, 2007, 98, 1015-1029.	1.8	40
28	Cytoarchitecture and cortical connections of the anterior insula and adjacent frontal motor fields in the rhesus monkey. Brain Research Bulletin, 2015, 119, 52-72.	3.0	35
29	Topography, cytoarchitecture, and cellular phenotypes of cortical areas that form the cingulo-parahippocampal isthmus and adjoining retrocalcarine areas in the monkey. Journal of Comparative Neurology, 2003, 456, 184-201.	1.6	32
30	Localization of arm representation in the cerebral peduncle of the nonâ€human primate. Journal of Comparative Neurology, 2007, 504, 149-167.	1.6	32
31	Frontal and frontoparietal injury differentially affect the ipsilateral corticospinal projection from the nonlesioned hemisphere in monkey (Macaca mulatta). Journal of Comparative Neurology, 2016, 524, 380-407.	1.6	29
32	Terminal organization of the corticospinal projection from the lateral premotor cortex to the cervical enlargement (C5â€“T1) in rhesus monkey. Journal of Comparative Neurology, 2019, 527, 2761-2789.	1.6	29
33	Segregated parallel inputs to the brachial spinal cord from the cingulate motor cortex in the monkey. NeuroReport, 1997, 8, 3933-8.	1.2	26
34	Vulnerability of the medial frontal corticospinal projection accompanies combined lateral frontal and parietal cortex injury in rhesus monkey. Journal of Comparative Neurology, 2015, 523, 669-697.	1.6	21
35	Measurement of coordination of object manipulation in non-human primates. Journal of Neuroscience Methods, 2006, 154, 38-44.	2.5	19
36	Volumetric effects of motor cortex injury on recovery of ipsilesional dexterous movements. Experimental Neurology, 2011, 231, 56-71.	4.1	17

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37	Cortical innervation of the hypoglossal nucleus in the nonâ€human primate (Macaca mulatta). Journal of Comparative Neurology, 2014, 522, 3456-3484.	1.6	16
38	Laterality affects spontaneous recovery of contralateral hand motor function following motor cortex injury in rhesus monkeys. Experimental Brain Research, 2013, 228, 9-24.	1.5	14
39	Sensorimotor cortex injury effects on recovery of contralesional dexterous movements in Macaca mulatta. Experimental Neurology, 2016, 281, 37-52.	4.1	13
40	Classic and Contemporary Neural Tract-Tracing Techniques. , 2014, , 359-399.		11
41	New Corticopontine Connections in the Primate Brain: Contralateral Projections From the Arm/Hand Area of the Precentral Motor Region. Frontiers in Neuroanatomy, 2018, 12, 68.	1.7	11
42	Minimal forced use without constraint stimulates spontaneous use of the impaired upper extremity following motor cortex injury. Experimental Brain Research, 2010, 202, 529-542.	1.5	10
43	Localization of orofacial representation in the corona radiata, internal capsule and cerebral peduncle in Macaca mulatta. Journal of Comparative Neurology, 2017, 525, 3429-3457.	1.6	9
44	Classic and Contemporary Neural Tract Tracing Techniques. , 2009, , 272-308.		8
45	Recovery of precision grasping after motor cortex lesion does not require forced use of the impaired hand in macaca mulatta. Experimental Brain Research, 2014, 232, 3929-3938.	1.5	8
46	Characterization of some morphological parameters of orbicularis oculi motor neurons in the monkey. Neuroscience, 2008, 151, 12-27.	2.3	4
47	Greater Reduction in Contralesional Hand Use After Frontoparietal Than Frontal Motor Cortex Lesions in Macaca mulatta. Frontiers in Systems Neuroscience, 2021, 15, 592235.	2.5	4
48	Lack of somatotopy among corticospinal tract fibers passing through the primate craniovertebral junction and cervical spinal cord: pathoanatomical substrate of central cord syndrome and cruciate paralysis. Journal of Neurosurgery, 2022, 136, 1395-1409.	1.6	3
49	Changes in ipsilesional hand motor function differ after unilateral injury to frontal versus frontoparietal cortices in Macaca mulatta. Experimental Brain Research, 2020, 238, 205-220.	1.5	1