Robert J Morecraft

List of Publications by Year
in descending order

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	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
2	Low-frequency stimulation enhances ensemble co-firing and dexterity after stroke. Cell, 2021, 184, 912-930.e20.	28.9	41
3	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
4	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
5	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
6	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
7	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
8	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
9	Sensorimotor cortex injury effects on recovery of contralesional dexterous movements in Macaca mulatta. Experimental Neurology, 2016, 281, 37-52.	4.1	13
10	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
11	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
12	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
13	Classic and Contemporary Neural Tract-Tracing Techniques. , 2014, , 359-399.		11
14	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
15	Cortical innervation of the hypoglossal nucleus in the nonâ€human primate (Macaca mulatta). Journal of Comparative Neurology, 2014, 522, 3456-3484.	1.6	16
16	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
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	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

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19	Volumetric effects of motor cortex injury on recovery of ipsilesional dexterous movements. Experimental Neurology, 2011, 231, 56-71.	4.1	17
20	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
21	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
22	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
23	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
24	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
25	Classic and Contemporary Neural Tract Tracing Techniques. , 2009, , 272-308.		8
26	Volumetric effects of motor cortex injury on recovery of dexterous movements. Experimental Neurology, 2009, 220, 90-108.	4.1	44
27	Thalamic projections to the posteromedial cortex in the macaque. Journal of Comparative Neurology, 2008, 507, 1709-1733.	1.6	45
28	Characterization of some morphological parameters of orbicularis oculi motor neurons in the monkey. Neuroscience, 2008, 151, 12-27.	2.3	4
29	Prolonged Microgliosis in the Rhesus Monkey Central Nervous System after Traumatic Brain Injury. Journal of Neurotrauma, 2007, 24, 1719-1742.	3.4	132
30	Measurement of Reaching Kinematics and Prehensile Dexterity in Nonhuman Primates. Journal of Neurophysiology, 2007, 98, 1015-1029.	1.8	40
31	Amygdala interconnections with the cingulate motor cortex in the rhesus monkey. Journal of Comparative Neurology, 2007, 500, 134-165.	1.6	133
32	Localization of arm representation in the cerebral peduncle of the nonâ€human primate. Journal of Comparative Neurology, 2007, 504, 149-167.	1.6	32
33	Measurement of coordination of object manipulation in non-human primates. Journal of Neuroscience Methods, 2006, 154, 38-44.	2.5	19
34	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
35	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
36	The Motor Cortex and Facial Expression:. Neurologist, 2004, 10, 235-249.	0.7	156

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37	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
38	A Functional Magnetic Resonance Imaging Study in Patients with Benign Essential Blepharospasm. Journal of Neuro-Ophthalmology, 2003, 23, 11-15.	0.8	71
39	Localization of arm representation in the corona radiata and internal capsule in the nonâ€human primate. Brain, 2002, 125, 176-198.	7.6	129
40	Cortical innervation of the facial nucleus in the non-human primate. Brain, 2001, 124, 176-208.	7.6	365
41	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
42	Convergence of Limbic Input to the Cingulate Motor Cortex in the Rhesus Monkey. Brain Research Bulletin, 1998, 45, 209-232.	3.0	254
43	Segregated parallel inputs to the brachial spinal cord from the cingulate motor cortex in the monkey. NeuroReport, 1997, 8, 3933-8.	1.2	26
44	Organization of face representation in the cingulate cortex of the rhesus monkey. NeuroReport, 1996, 7, 1343-1348.	1.2	49
45	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
46	Architecture of Connectivity Within a Cingulo-Fronto-Parietal Neurocognitive Network for Directed Attention. Archives of Neurology, 1993, 50, 279-284.	4.5	240
47	Connections of the Monkey Cingulate Cortex. , 1993, , 249-284.		159
48	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
49	Cytoarchitecture and neural afferents of orbitofrontal cortex in the brain of the monkey. Journal of Comparative Neurology, 1992, 323, 341-358.	1.6	519