

Dylan F Cooke

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,035
citations

394421

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501196

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Functional characterization of the fronto-parietal reaching and grasping network: reversible deactivation of M1 and areas 2, 5, and 7b in awake behaving monkeys. <i>Journal of Neurophysiology</i> , 2022, 127, 1363-1387.	1.8	4
2	Coevolution of motor cortex and behavioral specializations associated with flight and echolocation in bats. <i>Current Biology</i> , 2022, 32, 2935-2941.e3.	3.9	5
3	Distributed Motor Control of Limb Movements in Rat Motor and Somatosensory Cortex: The Sensorimotor Amalgam Revisited. <i>Cerebral Cortex</i> , 2020, 30, 6296-6312.	2.9	27
4	The Multiple Representations of Complex Digit Movements in Primary Motor Cortex Form the Building Blocks for Complex Grip Types in Capuchin Monkeys. <i>Journal of Neuroscience</i> , 2019, 39, 6684-6695.	3.6	25
5	Cortical connections of area 2 and posterior parietal area 5 in macaque monkeys. <i>Journal of Comparative Neurology</i> , 2019, 527, 718-737.	1.6	27
6	Representations of Fine Digit Movements in Posterior and Anterior Parietal Cortex Revealed Using Long-Train Intracortical Microstimulation in Macaque Monkeys. <i>Cerebral Cortex</i> , 2018, 28, 1-20.	2.9	36
7	Intracortical Microstimulation Maps of Motor, Somatosensory, and Posterior Parietal Cortex in Tree Shrews (<i>Tupaia belangeri</i>) Reveal Complex Movement Representations. <i>Cerebral Cortex</i> , 2017, 27, bhv329.	2.9	43
8	Improved methods for acrylic-free implants in nonhuman primates for neuroscience research. <i>Journal of Neurophysiology</i> , 2017, 118, 3252-3270.	1.8	15
9	Noninvasive, in vivo imaging of subcortical mouse brain regions with 17 μ m optical coherence tomography. <i>Optics Letters</i> , 2015, 40, 4911.	3.3	110
10	Reversible Deactivation of Motor Cortex Reveals Functional Connectivity with Posterior Parietal Cortex in the Prosimian Galago (<i>Otolemur garnettii</i>). <i>Journal of Neuroscience</i> , 2015, 35, 14406-14422.	3.6	23
11	Reversible deactivation of higher-order posterior parietal areas. I. Alterations of receptive field characteristics in early stages of neocortical processing. <i>Journal of Neurophysiology</i> , 2014, 112, 2529-2544.	1.8	17
12	Reversible deactivation of higher-order posterior parietal areas. II. Alterations in response properties of neurons in areas 1 and 2. <i>Journal of Neurophysiology</i> , 2014, 112, 2545-2560.	1.8	15
13	Evolution of mammalian sensorimotor cortex: thalamic projections to parietal cortical areas in <i>Monodelphis domestica</i> . <i>Frontiers in Neuroanatomy</i> , 2014, 8, 163.	1.7	14
14	A Connection to the Past: <i>Monodelphis domestica</i> Provides Insight Into the Organization and Connectivity of the Brains of Early Mammals. <i>Journal of Comparative Neurology</i> , 2013, 521, 3877-3897.	1.6	16
15	Fabrication of an inexpensive, implantable cooling device for reversible brain deactivation in animals ranging from rodents to primates. <i>Journal of Neurophysiology</i> , 2012, 107, 3543-3558.	1.8	18
16	The Functional Organization and Cortical Connections of Motor Cortex in Squirrels. <i>Cerebral Cortex</i> , 2012, 22, 1959-1978.	2.9	43
17	All Rodents Are Not the Same: A Modern Synthesis of Cortical Organization. <i>Brain, Behavior and Evolution</i> , 2011, 78, 51-93.	1.7	120
18	Lesions in Posterior Parietal Area 5 in Monkeys Result in Rapid Behavioral and Cortical Plasticity. <i>Journal of Neuroscience</i> , 2010, 30, 12918-12935.	3.6	36

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19	Parallel Evolution of Cortical Areas Involved in Skilled Hand Use. <i>Journal of Neuroscience</i> , 2007, 27, 10106-10115.	3.6	164
20	Parieto-frontal interactions, personal space, and defensive behavior. <i>Neuropsychologia</i> , 2006, 44, 845-859.	1.6	412
21	Parieto-frontal interactions, personal space, and defensive behavior. <i>Neuropsychologia</i> , 2006, 44, 2621-2635.	1.6	325
22	Arm Movements Evoked by Electrical Stimulation in the Motor Cortex of Monkeys. <i>Journal of Neurophysiology</i> , 2005, 94, 4209-4223.	1.8	156
23	Sensorimotor Integration in the Precentral Gyrus: Polysensory Neurons and Defensive Movements. <i>Journal of Neurophysiology</i> , 2004, 91, 1648-1660.	1.8	158
24	Distribution of hand location in monkeys during spontaneous behavior. <i>Experimental Brain Research</i> , 2004, 155, 30-36.	1.5	43
25	Super-Flinchers and Nerves of Steel. <i>Neuron</i> , 2004, 43, 585-593.	8.1	51
26	Complex movements evoked by microstimulation of the ventral intraparietal area. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6163-6168.	7.1	213
27	Defensive Movements Evoked by Air Puff in Monkeys. <i>Journal of Neurophysiology</i> , 2003, 90, 3317-3329.	1.8	121
28	The Cortical Control of Movement Revisited. <i>Neuron</i> , 2002, 36, 349-362.	8.1	315
29	Coding the Location of the Arm by Sight. , 2000, 290, 1782-1786.		482
30	A map of complex movements in motor cortex of primates. , 0, , 211-232.		1