Dylan F Cooke

List of Publications by Year
in descending order

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30 papers	3,035 citations	394421 19 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	2601 citing authors

#	Article	IF	Citations
1	Coding the Location of the Arm by Sight. , 2000, 290, 1782-1786.		482
2	Parieto-frontal interactions, personal space, and defensive behavior. Neuropsychologia, 2006, 44, 845-859.	1.6	412
3	Parieto-frontal interactions, personal space, and defensive behavior. Neuropsychologia, 2006, 44, 2621-2635.	1.6	325
4	The Cortical Control of Movement Revisited. Neuron, 2002, 36, 349-362.	8.1	315
5	Complex movements evoked by microstimulation of the ventral intraparietal area. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6163-6168.	7.1	213
6	Parallel Evolution of Cortical Areas Involved in Skilled Hand Use. Journal of Neuroscience, 2007, 27, 10106-10115.	3.6	164
7	Sensorimotor Integration in the Precentral Gyrus: Polysensory Neurons and Defensive Movements. Journal of Neurophysiology, 2004, 91, 1648-1660.	1.8	158
8	Arm Movements Evoked by Electrical Stimulation in the Motor Cortex of Monkeys. Journal of Neurophysiology, 2005, 94, 4209-4223.	1.8	156
9	Defensive Movements Evoked by Air Puff in Monkeys. Journal of Neurophysiology, 2003, 90, 3317-3329.	1.8	121
10	All Rodents Are Not the Same: A Modern Synthesis of Cortical Organization. Brain, Behavior and Evolution, 2011, 78, 51-93.	1.7	120
11	Noninvasive, in vivo imaging of subcortical mouse brain regions with 17â€‰â€‰Î¼m optical coherence tomography. Optics Letters, 2015, 40, 4911.	3.3	110
12	Super-Flinchers and Nerves of Steel. Neuron, 2004, 43, 585-593.	8.1	51
13	Distribution of hand location in monkeys during spontaneous behavior. Experimental Brain Research, 2004, 155, 30-36.	1.5	43
14	The Functional Organization and Cortical Connections of Motor Cortex in Squirrels. Cerebral Cortex, 2012, 22, 1959-1978.	2.9	43
15	Intracortical Microstimulation Maps of Motor, Somatosensory, and Posterior Parietal Cortex in Tree Shrews (Tupaia belangeri) Reveal Complex Movement Representations. Cerebral Cortex, 2017, 27, bhv329.	2.9	43
16	Lesions in Posterior Parietal Area 5 in Monkeys Result in Rapid Behavioral and Cortical Plasticity. Journal of Neuroscience, 2010, 30, 12918-12935.	3.6	36
17	Representations of Fine Digit Movements in Posterior and Anterior Parietal Cortex Revealed Using Long-Train Intracortical Microstimulation in Macaque Monkeys. Cerebral Cortex, 2018, 28, 1-20.	2.9	36
18	Cortical connections of area 2 and posterior parietal area 5 in macaque monkeys. Journal of Comparative Neurology, 2019, 527, 718-737.	1.6	27

#	Article	IF	Citations
19	Distributed Motor Control of Limb Movements in Rat Motor and Somatosensory Cortex: The Sensorimotor Amalgam Revisited. Cerebral Cortex, 2020, 30, 6296-6312.	2.9	27
20	The Multiple Representations of Complex Digit Movements in Primary Motor Cortex Form the Building Blocks for Complex Grip Types in Capuchin Monkeys. Journal of Neuroscience, 2019, 39, 6684-6695.	3.6	25
21	Reversible Deactivation of Motor Cortex Reveals Functional Connectivity with Posterior Parietal Cortex in the Prosimian Galago (Otolemur garnettii). Journal of Neuroscience, 2015, 35, 14406-14422.	3.6	23
22	Fabrication of an inexpensive, implantable cooling device for reversible brain deactivation in animals ranging from rodents to primates. Journal of Neurophysiology, 2012, 107, 3543-3558.	1.8	18
23	Reversible deactivation of higher-order posterior parietal areas. I. Alterations of receptive field characteristics in early stages of neocortical processing. Journal of Neurophysiology, 2014, 112, 2529-2544.	1.8	17
24	A Connection to the Past: Monodelphis domestica Provides Insight Into the Organization and Connectivity of the Brains of Early Mammals. Journal of Comparative Neurology, 2013, 521, 3877-3897.	1.6	16
25	Reversible deactivation of higher-order posterior parietal areas. II. Alterations in response properties of neurons in areas 1 and 2. Journal of Neurophysiology, 2014, 112, 2545-2560.	1.8	15
26	Improved methods for acrylic-free implants in nonhuman primates for neuroscience research. Journal of Neurophysiology, 2017, 118, 3252-3270.	1.8	15
27	Evolution of mammalian sensorimotor cortex: thalamic projections to parietal cortical areas in Monodelphis domestica. Frontiers in Neuroanatomy, 2014, 8, 163.	1.7	14
28	Coevolution of motor cortex and behavioral specializations associated with flight and echolocation in bats. Current Biology, 2022, 32, 2935-2941.e3.	3.9	5
29	Functional characterization of the fronto-parietal reaching and grasping network: reversible deactivation of M1 and areas 2, 5, and 7b in awake behaving monkeys. Journal of Neurophysiology, 2022, 127, 1363-1387.	1.8	4
30	A map of complex movements in motor cortex of primates. , 0, , 211-232.		1