Peter L Strick

List of Publications by Year
in descending order

64	21,008	57631	118652
papers	citations	44 h-index	62 g-index

66	66	66	15270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cerebellar Outputs in Non-human Primates: An Anatomical Perspective Using Transsynaptic Tracers. , 2022, , 681-701.		0
2	Cortical basis for skilled vocalization. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2122345119.	3.3	19
3	The Cortical Motor Areas and the Emergence of Motor Skills: A Neuroanatomical Perspective. Annual Review of Neuroscience, 2021, 44, 425-447.	5.0	53
4	Establishing the marmoset as a nonâ€human primate model of Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, e049952.	0.4	2
5	The motor cortex uses active suppression to sculpt movement. Science Advances, 2020, 6, .	4.7	17
6	Multiple areas of the cerebral cortex influence the stomach. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13078-13083.	3.3	63
7	The mindâ€“body problem: Circuits that link the cerebral cortex to the adrenal medulla. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26321-26328.	3.3	42
8	The basal ganglia and the cerebellum: nodes in an integrated network. Nature Reviews Neuroscience, 2018, 19, 338-350.	4.9	517
9	3D Reconstruction and Standardization of the Rat Facial Nucleus for Precise Mapping of Vibrissal Motor Networks. Neuroscience, 2018, 368, 171-186.	1.1	11
10	Consensus Paper: Towards a Systems-Level View of Cerebellar Function: the Interplay Between Cerebellum, Basal Ganglia, and Cortex. Cerebellum, 2017, 16, 203-229.	1.4	321
11	Posterior parietal cortex contains a command apparatus for hand movements. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4255-4260.	3.3	97
12	The Neuropsychology of Movement and Movement Disorders: Neuroanatomical and Cognitive Considerations. Journal of the International Neuropsychological Society, 2017, 23, 768-777.	1.2	4
13	Current Opinions and Areas of Consensus on the Role of the Cerebellum in Dystonia. Cerebellum, 2017, 16, 577-594.	1.4	184
14	Motor, cognitive, and affective areas of the cerebral cortex influence the adrenal medulla. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9922-9927.	3.3	155
15	Inactivation of the Dorsal Premotor Area Disrupts Internally Generated, But Not Visually Guided, Sequential Movements. Journal of Neuroscience, 2016, 36, 1971-1976.	1.7	47
16	Brains, Genes, and Primates. Neuron, 2015, 86, 617-631.	3.8	231
17	Corticomotoneuronal cells are â€œfunctionally tunedâ€• Science, 2015, 350, 667-670.	6.0	79
18	Extended practice of a motor skill is associated with reduced metabolic activity in M1. Nature Neuroscience, 2013, 16, 1340-1347.	7.1	105

#	Article	IF	Citations
19	Transneuronal tracing with neurotropic viruses reveals network macroarchitecture. Current Opinion in Neurobiology, 2013, 23, 245-249.	2.0	33
20	Cerebellar networks with the cerebral cortex and basal ganglia. Trends in Cognitive Sciences, 2013, 17, 241-254.	4.0	634
21	Cerebellar Outputs in Non-human Primates: An Anatomical Perspective Using Transsynaptic Tracers. , 2013, , 549-569.		4
22	The Motor Cortex Communicates with the Kidney. Journal of Neuroscience, 2012, 32, 6726-6731.	1.7	52
23	Targeted single-neuron infection with rabies virus for transneuronal multisynaptic tracing. Journal of Neuroscience Methods, 2012, 209, 367-370.	1.3	9
24	Cerebellar vermis is a target of projections from the motor areas in the cerebral cortex. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16068-16073.	3.3	182
25	The Cerebellum and Basal Ganglia are Interconnected. Neuropsychology Review, 2010, 20, 261-270.	2.5	299
26	The development of the basal ganglia in Capuchin monkeys (Cebus apella). Brain Research, 2010, 1329, 82-88.	1.1	4
27	The basal ganglia communicate with the cerebellum. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8452-8456.	3.3	653
28	Subdivisions of primary motor cortex based on cortico-motoneuronal cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 918-923.	3.3	500
29	The Spinothalamic System Targets Motor and Sensory Areas in the Cerebral Cortex of Monkeys. Journal of Neuroscience, 2009, 29, 14223-14235.	1.7	315
30	Cerebellum and Nonmotor Function. Annual Review of Neuroscience, 2009, 32, 413-434.	5.0	1,469
31	Skill Representation in the Primary Motor Cortex After Long-Term Practice. Journal of Neurophysiology, 2007, 97, 1819-1832.	0.9	137
32	Supplementary Motor Area and Presupplementary Motor Area: Targets of Basal Ganglia and Cerebellar Output. Journal of Neuroscience, 2007, 27, 10659-10673.	1.7	374
33	Motor systems. Current Opinion in Neurobiology, 2006, 16, 601-603.	2.0	1
34	Muscle representation in the macaque motor cortex: An anatomical perspective. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8257-8262.	3.3	376
35	The cerebellum communicates with the basal ganglia. Nature Neuroscience, 2005, 8, 1491-1493.	7.1	727
36	Frontal Lobe Inputs to the Digit Representations of the Motor Areas on the Lateral Surface of the Hemisphere. Journal of Neuroscience, 2005, 25, 1375-1386.	1.7	461

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37	Basal Ganglia and Cerebellar Inputs to â€˜AIPâ€™. Cerebral Cortex, 2005, 15, 913-920.	1.6	212
38	Macro-architecture of basal ganglia loops with the cerebral cortex: use of rabies virus to reveal multisynaptic circuits. Progress in Brain Research, 2004, 143, 447-459.	0.9	170
39	Motor Areas in the Frontal Lobe. Frontiers in Neuroscience, 2004, , .	0.0	11
40	Activation of the Supplementary Motor Area (SMA) during Performance of Visually Guided Movements. Cerebral Cortex, 2003, 13, 977-986.	1.6	106
41	An Unfolded Map of the Cerebellar Dentate Nucleus and its Projections to the Cerebral Cortex. Journal of Neurophysiology, 2003, 89, 634-639.	0.9	579
42	Cerebellar Loops with Motor Cortex and Prefrontal Cortex of a Nonhuman Primate. Journal of Neuroscience, 2003, 23, 8432-8444.	1.7	1,365
43	Motor areas in the frontal lobe of the primate. Physiology and Behavior, 2002, 77, 677-682.	1.0	570
44	Motor and Nonmotor Domains in the Monkey Dentate. Annals of the New York Academy of Sciences, 2002, 978, 289-301.	1.8	115
45	Cerebellar Projections to the Prefrontal Cortex of the Primate. Journal of Neuroscience, 2001, 21, 700-712.	1.7	894
46	Novel proteoglycan epitope expressed in functionally discrete patterns in primate cortical and subcortical regions. Journal of Comparative Neurology, 2001, 430, 369-388.	0.9	24
47	Direction of action is represented in the ventral premotor cortex. Nature Neuroscience, 2001, 4, 1020-1025.	7.1	308
48	Imaging the premotor areas. Current Opinion in Neurobiology, 2001, 11, 663-672.	2.0	1,089
49	Rabies as a transneuronal tracer of circuits in the central nervous system. Journal of Neuroscience Methods, 2000, 103, 63-71.	1.3	294
50	Basal Ganglia Output and Cognition: Evidence from Anatomical, Behavioral, and Clinical Studies. Brain and Cognition, 2000, 42, 183-200.	0.8	589
51	Basal ganglia and cerebellar loops: motor and cognitive circuits. Brain Research Reviews, 2000, 31, 236-250.	9.1	1,677
52	Step-Tracking Movements of the Wrist. IV. Muscle Activity Associated With Movements in Different Directions. Journal of Neurophysiology, 1999, 81, 319-333.	0.9	112
53	Muscle and Movement Representations in the Primary Motor Cortex. Science, 1999, 285, 2136-2139.	6.0	630
54	The Organization of Cerebellar and Basal Ganglia Outputs to Primary Motor Cortex as Revealed by Retrograde Transneuronal Transport of Herpes Simplex Virus Type 1. Journal of Neuroscience, 1999, 19, 1446-1463.	1.7	418

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55	Motor Areas on the Medial Wall of the Hemisphere. Novartis Foundation Symposium, 1998, 218, 64-80.	1.2	45
56	Cerebellar Output Channels. International Review of Neurobiology, 1997, 41, 61-82.	0.9	218
57	Activation on the Medial Wall During Remembered Sequences of Reaching Movements in Monkeys. Journal of Neurophysiology, 1997, 77, 2197-2201.	0.9	87
58	Motor Areas of the Medial Wall: A Review of Their Location and Functional Activation. Cerebral Cortex, 1996, 6, 342-353.	1.6	1,590
59	Spinal Cord Terminations of the Medial Wall Motor Areas in Macaque Monkeys. Journal of Neuroscience, 1996, 16, 6513-6525.	1.7	379
60	Interconnections between the prefrontal cortex and the premotor areas in the frontal lobe. Journal of Comparative Neurology, 1994, 341, 375-392.	0.9	487
61	Cerebellar connections with the motor cortex and the arcuate premotor area: An analysis employing retrograde transneuronal transport of WGA-HRP. Journal of Comparative Neurology, 1989, 288, 612-626.	0.9	156
62	Force requirements and patterns of muscle activity. Behavioral and Brain Sciences, 1989, 12, 221-224.	0.4	12
63	Activity of wrist muscles during step-tracking movements in different directions. Brain Research, 1986, 367, 287-291.	1.1	21
64	Frontal lobe inputs to primate motor cortex: evidence for four somatotopically organized â€˜premotorâ€™ areas. Brain Research, 1979, 177, 176-182.	1.1	666