

Paul J May

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,622
citations

236925

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68
docs citations

68
times ranked

1831
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Tectal/Pretectal Population of Premotor Lens Accommodation Neurons. , 2022, 63, 35.		3
2	Cerebellar projections to the macaque midbrain tegmentum: Possible near response connections. Visual Neuroscience, 2021, 38, E007.	1.0	6
3	Macaque monkey trigeminal blink reflex circuits targeting orbicularis oculi motoneurons. Journal of Comparative Neurology, 2021, 529, 2842-2864.	1.6	9
4	The Substantia Nigra Pars Reticulata Modulates Error-Based Saccadic Learning in Monkeys. ENeuro, 2021, 8, ENEURO.0519-20.2021.	1.9	4
5	Macaque monkey trigeminal blink reflex circuits targeting levator palpebrae superioris motoneurons. Journal of Comparative Neurology, 2021, 529, 3389-3409.	1.6	3
6	Superior colliculus projections to target populations in the supraoculomotor area of the macaque monkey. Visual Neuroscience, 2021, 38, .	1.0	4
7	Pupillary light reflex circuits in the macaque monkey: the preganglionic Edingerâ€“Westphal nucleus. Brain Structure and Function, 2020, 225, 403-425.	2.3	6
8	Pupillary light reflex circuits in the Macaque Monkey: the olivary pretectal nucleus. Brain Structure and Function, 2020, 225, 305-320.	2.3	7
9	Morphologic Characterization of Trigeminothalamic Terminal Arbors Arising From the Principal Nucleus in the Macaque. Frontiers in Neuroanatomy, 2020, 14, 562673.	1.7	2
10	Is Primate Lens Accommodation Unilaterally or Bilaterally Controlled?. , 2020, 61, 5.		4
11	Using rAAV2-retro in rhesus macaques: Promise and caveats for circuit manipulation. Journal of Neuroscience Methods, 2020, 345, 108859.	2.5	28
12	Neural control of rapid binocular eye movements: Saccade-vergence burst neurons. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29123-29132.	7.1	22
13	Mouse Extraocular Muscles and the Musculotopic Organization of Their Innervation. Anatomical Record, 2019, 302, 1865-1885.	1.4	7
14	Central mesencephalic reticular formation control of the near response: lens accommodation circuits. Journal of Neurophysiology, 2019, 121, 1692-1703.	1.8	17
15	Passive eye movements induced by electromagnetic force (EMF) in rats. Zoological Research, 2019, 40, 211-218.	2.1	1
16	Connections between the zona incerta and superior colliculus in the monkey and squirrel. Brain Structure and Function, 2018, 223, 371-390.	2.3	26
17	An Anatomic Characterization of the Midbrain Near Response Neurons in the Macaque Monkey. , 2018, 59, 1486.		22
18	Parvalbumin and GABA Microcircuits in the Mouse Superior Colliculus. Frontiers in Neural Circuits, 2018, 12, 35.	2.8	54

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19	A central mesencephalic reticular formation projection to medial rectus motoneurons supplying singly and multiply innervated extraocular muscle fibers. <i>Journal of Comparative Neurology</i> , 2017, 525, 2000-2018.	1.6	27
20	GABAergic innervation of the ciliary ganglion in macaque monkeys - A light and electron microscopic study. <i>Journal of Comparative Neurology</i> , 2017, 525, spc1-spc1.	1.6	0
21	Circuits for Action and Cognition: A View from the Superior Colliculus. <i>Annual Review of Vision Science</i> , 2017, 3, 197-226.	4.4	254
22	Examination of feline extraocular motoneuron pools as a function of muscle fiber innervation type and muscle layer. <i>Journal of Comparative Neurology</i> , 2017, 525, 919-935.	1.6	15
23	GABAergic innervation of the ciliary ganglion in macaque monkeys – A light and electron microscopic study. <i>Journal of Comparative Neurology</i> , 2017, 525, 1517-1531.	1.6	9
24	Reticular Formation Connections Underlying Horizontal Gaze: The Central Mesencephalic Reticular Formation (cMRF) as a Conduit for the Collicular Saccade Signal. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 36.	1.7	15
25	Palisade Endings Are a Constant Feature in the Extraocular Muscles of Frontal-Eyed, But Not Lateral-Eyed, Animals. , 2016, 57, 320.		31
26	Task dependence of decision- and choice-related activity in monkey oculomotor thalamus. <i>Journal of Neurophysiology</i> , 2016, 115, 581-601.	1.8	9
27	A central mesencephalic reticular formation projection to the Edinger–Westphal nuclei. <i>Brain Structure and Function</i> , 2016, 221, 4073-4089.	2.3	38
28	A central mesencephalic reticular formation projection to the supraoculomotor area in macaque monkeys. <i>Brain Structure and Function</i> , 2016, 221, 2209-2229.	2.3	22
29	Postembedding Immunohistochemistry for Inhibitory Neurotransmitters in Conjunction with Neuroanatomical Tracers. <i>NeuroMethods</i> , 2015, , 181-203.	0.3	6
30	Feed-forward and feedback projections of midbrain reticular formation neurons in the cat. <i>Frontiers in Neuroanatomy</i> , 2014, 7, 55.	1.7	23
31	Central pupillary light reflex circuits in the cat: II. Morphology, ultrastructure, and inputs of preganglionic motoneurons. <i>Journal of Comparative Neurology</i> , 2014, 522, 3978-4002.	1.6	12
32	Morphology and ultrastructure of medial rectus subgroup motoneurons in the macaque monkey. <i>Journal of Comparative Neurology</i> , 2014, 522, 626-641.	1.6	26
33	Central pupillary light reflex circuits in the cat: I. The olivary pretectal nucleus. <i>Journal of Comparative Neurology</i> , 2014, 522, 3960-3977.	1.6	18
34	Axons Giving Rise to the Palisade Endings of Feline Extraocular Muscles Display Motor Features. <i>Journal of Neuroscience</i> , 2013, 33, 2784-2793.	3.6	43
35	Anatomical Evidence that the Superior Colliculus Controls Saccades through Central Mesencephalic Reticular Formation Gating of Omnipause Neuron Activity. <i>Journal of Neuroscience</i> , 2013, 33, 16285-16296.	3.6	33
36	Morphology and connections of intratrigeminal cells and axons in the macaque monkey. <i>Frontiers in Neuroanatomy</i> , 2013, 7, 11.	1.7	8

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37	Expression of Mineralocorticoid and Glucocorticoid receptors in Preautonomic Neurons of the Rat Paraventricular Nucleus. <i>FASEB Journal</i> , 2013, 27, 535.4.	0.5	0
38	A Periocolomotor Nitridergic Population in the Macaque and Cat. , 2012, 53, 5751.		4
39	Physiological and anatomical evidence for an inhibitory trigeminooculomotor pathway in the cat. <i>Journal of Comparative Neurology</i> , 2012, 520, 2218-2240.	1.6	14
40	Evidence that the extraocular motor nuclei innervate monkey palisade endings. <i>Neuroscience Letters</i> , 2011, 489, 89-93.	2.1	27
41	The EdingerWestphal nucleus: A historical, structural, and functional perspective on a dichotomous terminology. <i>Journal of Comparative Neurology</i> , 2011, 519, 1413-1434.	1.6	168
42	The macaque midbrain reticular formation sends side-specific feedback to the superior colliculus. <i>Experimental Brain Research</i> , 2010, 201, 701-717.	1.5	22
43	The Mesencephalic Reticular Formation as a Conduit for Primate Collicular Gaze Control: Tectal Inputs to Neurons Targeting the Spinal Cord and Medulla. <i>Anatomical Record</i> , 2009, 292, 1162-1181.	1.4	30
44	Tectonigral projections in the primate: a pathway for preattentive sensory input to midbrain dopaminergic neurons. <i>European Journal of Neuroscience</i> , 2009, 29, 575-587.	2.6	56
45	The Macaque Midbrain Reticular Formation Sends Different Types of Feedback to Each Side of the Superior Colliculus. <i>FASEB Journal</i> , 2009, 23, 832.3.	0.5	0
46	The Origin of Inputs to the Monkey Central Mesencephalic Reticular Formation (cMRF). <i>FASEB Journal</i> , 2009, 23, 832.2.	0.5	0
47	The feedback circuit connecting the central mesencephalic reticular formation and the superior colliculus in the macaque monkey: tectal connections. <i>Experimental Brain Research</i> , 2008, 189, 485-496.	1.5	23
48	Comparison of the distributions of urocortincontaining and cholinergic neurons in the periocolomotor midbrain of the cat and macaque. <i>Journal of Comparative Neurology</i> , 2008, 507, 1300-1316.	1.6	60
49	Anatomical Evidence for Interconnections Between the Central Mesencephalic Reticular Formation and Cervical Spinal Cord in the Cat and Macaque. <i>Anatomical Record</i> , 2008, 291, 141-160.	1.4	22
50	Defining the pupillary component of the periocolomotor preganglionic population within a unitary primate EdingerWestphal nucleus. <i>Progress in Brain Research</i> , 2008, 171, 97-106.	1.4	26
51	Premotor circuits controlling eyelid movements in conjunction with vertical saccades in the cat: II. Interstitial nucleus of Cajal. <i>Journal of Comparative Neurology</i> , 2007, 500, 676-692.	1.6	25
52	The mammalian superior colliculus: laminar structure and connections. <i>Progress in Brain Research</i> , 2006, 151, 321-378.	1.4	543
53	Projections of somatosensory cortex and frontal eye fields onto incertotectal neurons in the cat. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2006, 288A, 1310-1329.	2.0	10
54	The pupillary and ciliary components of the cat Edinger-Westphal nucleus: A transsynaptic transport investigation. <i>Visual Neuroscience</i> , 2002, 19, 15-29.	1.0	29

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55	The eyelid levator muscle: Servant of two masters. <i>Movement Disorders</i> , 2002, 17, S4-S7.	3.9	8
56	Premotor circuits controlling eyelid movements in conjunction with vertical saccades in the cat: I. The rostral interstitial nucleus of the medial longitudinal fasciculus. <i>Journal of Comparative Neurology</i> , 2002, 450, 183-202.	1.6	31
57	Midbrain Reticular Formation Circuitry Subserving Gaze in the Cat. <i>Annals of the New York Academy of Sciences</i> , 2002, 956, 405-408.	3.8	10
58	The feedback circuit connecting the superior colliculus and central mesencephalic reticular formation: a direct morphological demonstration. <i>Experimental Brain Research</i> , 2000, 131, 10-21.	1.5	74
59	Comparison of the distribution and somatodendritic morphology of tectotectal neurons in the cat and monkey. <i>Visual Neuroscience</i> , 1998, 15, 903-922.	1.0	86
60	NADPH-diaphorase reactivity in ciliary ganglion neurons: A comparison of distributions in the pigeon, cat, and monkey. <i>Visual Neuroscience</i> , 1994, 11, 1027-1031.	1.0	27
61	Organization of the extraocular and preganglionic motoneurons supplying the orbit in the lesser galago. <i>The Anatomical Record</i> , 1993, 237, 89-103.	1.8	23
62	The laminar distribution of macaque tectobulbar and tectospinal neurons. <i>Visual Neuroscience</i> , 1992, 8, 257-276.	1.0	74
63	Interconnections between the primate cerebellum and midbrain near-response regions. <i>Journal of Comparative Neurology</i> , 1992, 315, 98-116.	1.6	82
64	Morphological substrate for eyelid movements: Innervation and structure of primate levator palpebrae superioris and orbicularis oculi muscles. <i>Journal of Comparative Neurology</i> , 1989, 287, 64-81.	1.6	149
65	Morphology and distribution of serotonergic and oculomotor internuclear neurons in the cat midbrain. <i>Journal of Comparative Neurology</i> , 1987, 266, 150-170.	1.6	42
66	Relationships between the nigrotectal pathway and the cells of origin of the predorsal bundle. <i>Journal of Comparative Neurology</i> , 1984, 226, 357-376.	1.6	82
67	Nonintralaminar thalamostriatal projections in the gray squirrel (<i>Sciurus carolinensis</i>) and tree shrew (<i>Tupaia glis</i>). <i>Journal of Comparative Neurology</i> , 1984, 230, 33-46.	1.6	50