

Anja Horn

List of Publications by Year in descending order

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51
papers

2,628
citations

186265
28
h-index

214800
47
g-index

51
all docs

51
docs citations

51
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	The Edingerâ€Westphal nucleus: A historical, structural, and functional perspective on a dichotomous terminology. <i>Journal of Comparative Neurology</i> , 2011, 519, 1413-1434.	1.6	168
2	Motoneurons of twitch and nontwitch extraocular muscle fibers in the abducens, trochlear, and oculomotor nuclei of monkeys. <i>Journal of Comparative Neurology</i> , 2001, 438, 318-335.	1.6	132
3	The trigeminally evoked blink reflex. <i>Experimental Brain Research</i> , 1995, 107, 166-180.	1.5	131
4	Neurotransmitter profile of saccadic omnipause neurons in nucleus raphe interpositus. <i>Journal of Neuroscience</i> , 1994, 14, 2032-2046.	3.6	126
5	Premotor neurons for vertical eye movements in the rostral mesencephalon of monkey and human: Histologic identification by parvalbumin immunostaining. <i>Journal of Comparative Neurology</i> , 1998, 392, 413-427.	1.6	116
6	Pathways from Cell Groups of the Paramedian Tracts to the Floccular Region. <i>Annals of the New York Academy of Sciences</i> , 1996, 781, 532-540.	3.8	108
7	GADâ€and GABAâ€immunoreactivity in the ascending auditory pathway of horseshoe and mustached bats. <i>Journal of Comparative Neurology</i> , 1992, 325, 183-206.	1.6	100
8	Projections from the superior colliculus motor map to omnipause neurons in monkey. , 1999, 413, 55-67.		100
9	Anatomical substrates of oculomotor control. <i>Current Opinion in Neurobiology</i> , 1997, 7, 872-879.	4.2	97
10	Pretectal projections to the oculomotor complex of the monkey and their role in eye movements. <i>Journal of Comparative Neurology</i> , 1996, 366, 348-359.	1.6	96
11	Efferent pathways of the nucleus of the optic tract in monkey and their role in eye movements. <i>Journal of Comparative Neurology</i> , 1996, 373, 90-107.	1.6	94
12	Nucleus prepositus. <i>Progress in Brain Research</i> , 2006, 151, 205-230.	1.4	88
13	Histological identification of premotor neurons for horizontal saccades in monkey and man by parvalbumin immunostaining. <i>Journal of Comparative Neurology</i> , 1995, 359, 350-363.	1.6	86
14	Slow vertical saccades in motor neuron disease: Correlation of structure and function. <i>Annals of Neurology</i> , 1998, 44, 641-648.	5.3	78
15	Periocolomotor cell groups in monkey and man defined by their histochemical and functional properties: Reappraisal of the Edingerâ€Westphal nucleus. <i>Journal of Comparative Neurology</i> , 2008, 507, 1317-1335.	1.6	76
16	A role for the basal ganglia in nicotinic modulation of the blink reflex. <i>Experimental Brain Research</i> , 1993, 92, 507-15.	1.5	74
17	The reticular formation. <i>Progress in Brain Research</i> , 2006, 151, 127-155.	1.4	73
18	Twitch and nontwitch motoneuron subgroups in the oculomotor nucleus of monkeys receive different afferent projections. <i>Journal of Comparative Neurology</i> , 2004, 479, 117-129.	1.6	59

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19	Adrenergic Signaling Strengthens Cardiac Myocyte Cohesion. <i>Circulation Research</i> , 2017, 120, 1305-1317.	4.5	55
20	GABAergic Neurons in the Rostral Mesencephalon of the Macaque Monkey That Control Vertical Eye Movements. <i>Annals of the New York Academy of Sciences</i> , 2003, 1004, 19-28.	3.8	51
21	Neuroanatomical identification of mesencephalic premotor neurons coordinating eyelid with upgaze in the monkey and man. , 2000, 420, 19-34.		48
22	Histochemical differences between motoneurons supplying multiply and singly innervated extraocular muscle fibers. <i>Journal of Comparative Neurology</i> , 2005, 491, 352-366.	1.6	44
23	Saccadic omnipause and burst neurons in monkey and human are ensheathed by perineuronal nets but differ in their expression of calcium-binding proteins. <i>Journal of Comparative Neurology</i> , 2003, 455, 341-352.	1.6	43
24	Identification of motoneurons supplying multiply- or singly-innervated extraocular muscle fibers in the rat. <i>Neuroscience</i> , 2006, 137, 891-903.	2.3	43
25	Do Palisade Endings in Extraocular Muscles Arise from Neurons in the Motor Nuclei?. , 2011, 52, 2510.		43
26	A central mesencephalic reticular formation projection to the Edingerâ€“Westphal nuclei. <i>Brain Structure and Function</i> , 2016, 221, 4073-4089.	2.3	38
27	Impaired Neurofilament Integrity and Neuronal Morphology in Different Models of Focal Cerebral Ischemia and Human Stroke Tissue. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 161.	3.7	37
28	Saccadic premotor neurons in the brainstem: functional neuroanatomy and clinical implications. <i>Neuro-Ophthalmology</i> , 1996, 16, 229-240.	1.0	36
29	The anatomy and physiology of the ocular motor system. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2011, 102, 21-69.	1.8	35
30	Palisade endings in extraocular eye muscles revealed by SNAP-25 immunoreactivity. <i>Journal of Anatomy</i> , 2005, 206, 307-315.	1.5	34
31	Delineation of motoneuron subgroups supplying individual eye muscles in the human oculomotor nucleus. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 2.	1.7	31
32	Botulinum toxin paralysis of the orbicularis oculi muscle. Types and time course of alterations in muscle structure physiology and lid kinematics. <i>Experimental Brain Research</i> , 1993, 96, 39-53.	1.5	28
33	Characterization of Neuronal Populations in the Human Trigeminal Ganglion and Their Association with Latent Herpes Simplex Virus-1 Infection. <i>PLoS ONE</i> , 2013, 8, e83603.	2.5	28
34	Identification of Functional Cell Groups in the Abducens Nucleus of Monkey and Human by Perineuronal Nets and Choline Acetyltransferase Immunolabeling. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 45.	1.7	26
35	Brainstem circuits controlling lidâ€“eye coordination in monkey. <i>Progress in Brain Research</i> , 2008, 171, 87-95.	1.4	24
36	Palisade endings and proprioception in extraocular muscles: a comparison with skeletal muscles. <i>Biological Cybernetics</i> , 2012, 106, 643-655.	1.3	22

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37	Calretinin inputs are confined to motoneurons for upward eye movements in monkey. <i>Journal of Comparative Neurology</i> , 2013, 521, 3154-3166.	1.6	22
38	Internal organization of medial rectus and inferior rectus muscle neurons in the C group of the oculomotor nucleus in monkey. <i>Journal of Comparative Neurology</i> , 2015, 523, 1809-1823.	1.6	22
39	Sources of calretinin inputs to motoneurons of extraocular muscles involved in upgaze. <i>Annals of the New York Academy of Sciences</i> , 2011, 1233, 91-99.	3.8	19
40	Orexin-A inputs onto visuomotor cell groups in the monkey brainstem. <i>Neuroscience</i> , 2009, 164, 629-640.	2.3	18
41	Calretinin as a Marker for Premotor Neurons Involved in Upgaze in Human Brainstem. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 153.	1.7	16
42	The Edingerâ€“Westphal Nucleus Represents Different Functional Cell Groups in Different Species. <i>Annals of the New York Academy of Sciences</i> , 2009, 1164, 45-50.	3.8	15
43	Saccadic Palsy following Cardiac Surgery: Possible Role of Perineuronal Nets. <i>PLoS ONE</i> , 2015, 10, e0132075.	2.5	15
44	GABAergic innervation of the ciliary ganglion in macaque monkeys â€“ A light and electron microscopic study. <i>Journal of Comparative Neurology</i> , 2017, 525, 1517-1531.	1.6	9
45	Extraocular muscles involved in convergence are innervated by an additional set of palisade endings that may differ in their excitability: A human study. <i>Progress in Brain Research</i> , 2019, 248, 127-137.	1.4	7
46	The anatomical identification of saccadic omnipause neurons in the rat brainstem. <i>Neuroscience</i> , 2012, 210, 191-199.	2.3	5
47	Histochemical Characterization of the Vestibular Y-Group in Monkey. <i>Cerebellum</i> , 2021, 20, 701-716.	2.5	5
48	Transmitter and ion channel profiles of neurons in the primate abducens and trochlear nuclei. <i>Brain Structure and Function</i> , 2021, 226, 2125-2151.	2.3	5
49	Identification of secondary vestibulo-ocular neurons in human based on their histochemical characteristics found in monkey. <i>Journal of Neurology</i> , 2017, 264, 583-585.	3.6	1
50	Adaptation of spatio-temporal convergent properties in central vestibular neurons in monkeys. <i>Physiological Reports</i> , 2018, 6, e13750.	1.7	1
51	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