Anja Horn

List of Publications by Year
in descending order

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	Histochemical Characterization of the Vestibular Y-Group in Monkey. Cerebellum, 2021, 20, 701-716.	2.5	5
2	Transmitter and ion channel profiles of neurons in the primate abducens and trochlear nuclei. Brain Structure and Function, 2021, 226, 2125-2151.	2.3	5
3	Extraocular muscles involved in convergence are innervated by an additional set of palisade endings that may differ in their excitability: A human study. Progress in Brain Research, 2019, 248, 127-137.	1.4	7
4	Adaptation of spatio-temporal convergent properties in central vestibular neurons in monkeys. Physiological Reports, 2018, 6, e13750.	1.7	1
5	Identification of Functional Cell Groups in the Abducens Nucleus of Monkey and Human by Perineuronal Nets and Choline Acetyltransferase Immunolabeling. Frontiers in Neuroanatomy, 2018, 12, 45.	1.7	26
6	Impaired Neurofilament Integrity and Neuronal Morphology in Different Models of Focal Cerebral Ischemia and Human Stroke Tissue. Frontiers in Cellular Neuroscience, 2018, 12, 161.	3.7	37
7	Identification of secondary vestibulo-ocular neurons in human based on their histochemical characteristics found in monkey. Journal of Neurology, 2017, 264, 583-585.	3.6	1
8	GABAergic innervation of the ciliary ganglion in macaque monkeys - A light and electron microscopic study. Journal of Comparative Neurology, 2017, 525, spc1-spc1.	1.6	0
9	Adrenergic Signaling Strengthens Cardiac Myocyte Cohesion. Circulation Research, 2017, 120, 1305-1317.	4.5	55
10	GABAergic innervation of the ciliary ganglion in macaque monkeys â€“ A light and electron microscopic study. Journal of Comparative Neurology, 2017, 525, 1517-1531.	1.6	9
11	A central mesencephalic reticular formation projection to the Edingerâ€“Westphal nuclei. Brain Structure and Function, 2016, 221, 4073-4089.	2.3	38
12	Internal organization of medial rectus and inferior rectus muscle neurons in the C group of the oculomotor nucleus in monkey. Journal of Comparative Neurology, 2015, 523, 1809-1823.	1.6	22
13	Calretinin as a Marker for Premotor Neurons Involved in Upgaze in Human Brainstem. Frontiers in Neuroanatomy, 2015, 9, 153.	1.7	16
14	Saccadic Palsy following Cardiac Surgery: Possible Role of Perineuronal Nets. PLoS ONE, 2015, 10, e0132075.	2.5	15
15	Delineation of motoneuron subgroups supplying individual eye muscles in the human oculomotor nucleus. Frontiers in Neuroanatomy, 2014, 8, 2.	1.7	31
16	Calretinin inputs are confined to motoneurons for upward eye movements in monkey. Journal of Comparative Neurology, 2013, 521, 3154-3166.	1.6	22
17	Characterization of Neuronal Populations in the Human Trigeminal Ganglion and Their Association with Latent Herpes Simplex Virus-1 Infection. PLoS ONE, 2013, 8, e83603.	2.5	28
18	Palisade endings and proprioception in extraocular muscles: a comparison with skeletal muscles. Biological Cybernetics, 2012, 106, 643-655.	1.3	22

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19	The anatomical identification of saccadic omnipause neurons in the rat brainstem. Neuroscience, 2012, 210, 191-199.	2.3	5
20	Do Palisade Endings in Extraocular Muscles Arise from Neurons in the Motor Nuclei?. , 2011, 52, 2510.		43
21	Sources of calretinin inputs to motoneurons of extraocular muscles involved in upgaze. Annals of the New York Academy of Sciences, 2011, 1233, 91-99.	3.8	19
22	The Edingerâ€Westphal nucleus: A historical, structural, and functional perspective on a dichotomous terminology. Journal of Comparative Neurology, 2011, 519, 1413-1434.	1.6	168
23	The anatomy and physiology of the ocular motor system. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2011, 102, 21-69.	1.8	35
24	The Edingerâ€“Westphal Nucleus Represents Different Functional Cell Groups in Different Species. Annals of the New York Academy of Sciences, 2009, 1164, 45-50.	3.8	15
25	Orexin-A inputs onto visuomotor cell groups in the monkey brainstem. Neuroscience, 2009, 164, 629-640.	2.3	18
26	Perioculomotor cell groups in monkey and man defined by their histochemical and functional properties: Reappraisal of the Edingerâ€Westphal nucleus. Journal of Comparative Neurology, 2008, 507, 1317-1335.	1.6	76
27	Brainstem circuits controlling lidâ€“eye coordination in monkey. Progress in Brain Research, 2008, 171, 87-95.	1.4	24
28	The reticular formation. Progress in Brain Research, 2006, 151, 127-155.	1.4	73
29	Nucleus prepositus. Progress in Brain Research, 2006, 151, 205-230.	1.4	88
30	Identification of motoneurons supplying multiply- or singly-innervated extraocular muscle fibers in the rat. Neuroscience, 2006, 137, 891-903.	2.3	43
31	Palisade endings in extraocular eye muscles revealed by SNAP-25 immunoreactivity. Journal of Anatomy, 2005, 206, 307-315.	1.5	34
32	Histochemical differences between motoneurons supplying multiply and singly innervated extraocular muscle fibers. Journal of Comparative Neurology, 2005, 491, 352-366.	1.6	44
33	Twitch and nontwitch motoneuron subgroups in the oculomotor nucleus of monkeys receive different afferent projections. Journal of Comparative Neurology, 2004, 479, 117-129.	1.6	59
34	GABAergic Neurons in the Rostral Mesencephalon of the Macaque Monkey That Control Vertical Eye Movements. Annals of the New York Academy of Sciences, 2003, 1004, 19-28.	3.8	51
35	Saccadic omnipause and burst neurons in monkey and human are ensheathed by perineuronal nets but differ in their expression of calcium-binding proteins. Journal of Comparative Neurology, 2003, 455, 341-352.	1.6	43
36	Motoneurons of twitch and nontwitch extraocular muscle fibers in the abducens, trochlear, and oculomotor nuclei of monkeys. Journal of Comparative Neurology, 2001, 438, 318-335.	1.6	132

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37	Neuroanatomical identification of mesencephalic premotor neurons coordinating eyelid with upgaze in the monkey and man. , 2000, 420, 19-34.		48
38	Projections from the superior colliculus motor map to omnipause neurons in monkey. , 1999, 413, 55-67.		100
39	Slow vertical saccades in motor neuron disease: Correlation of structure and function. Annals of Neurology, 1998, 44, 641-648.	5.3	78
40	Premotor neurons for vertical eye movements in the rostral mesencephalon of monkey and human: Histologic identification by parvalbumin immunostaining. Journal of Comparative Neurology, 1998, 392, 413-427.	1.6	116
41	Anatomical substrates of oculomotor control. Current Opinion in Neurobiology, 1997, 7, 872-879.	4.2	97
42	Pathways from Cell Groups of the Paramedian Tracts to the Floccular Region. Annals of the New York Academy of Sciences, 1996, 781, 532-540.	3.8	108
43	Pretectal projections to the oculomotor complex of the monkey and their role in eye movements. Journal of Comparative Neurology, 1996, 366, 348-359.	1.6	96
44	Efferent pathways of the nucleus of the optic tract in monkey and their role in eye movements. Journal of Comparative Neurology, 1996, 373, 90-107.	1.6	94
45	Saccadic premotor neurons in the brainstem: functional neuroanatomy and clinical implications. Neuro-Ophthalmology, 1996, 16, 229-240.	1.0	36
46	Histological identification of premotor neurons for horizontal saccades in monkey and man by parvalbumin immunostaining. Journal of Comparative Neurology, 1995, 359, 350-363.	1.6	86
47	The trigeminally evoked blink reflex. Experimental Brain Research, 1995, 107, 166-180.	1.5	131
48	Neurotransmitter profile of saccadic omnipause neurons in nucleus raphe interpositus. Journal of Neuroscience, 1994, 14, 2032-2046.	3.6	126
49	A role for the basal ganglia in nicotinic modulation of the blink reflex. Experimental Brain Research, 1993, 92, 507-15.	1.5	74
50	Botulinum toxin paralysis of the orbicularis oculi muscle. Types and time course of alterations in muscle structÃºre physiology and lid kinematics. Experimental Brain Research, 1993, 96, 39-53.	1.5	28
51	GADâ€•and GABAâ€•immunoreactivity in the ascending auditory pathway of horseshoe and mustached bats. Journal of Comparative Neurology, 1992, 325, 183-206.	1.6	100