Anton Reiner

List of Publications by Year
in descending order

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246	19,494	8172	13758
papers	citations	76 h-index	129 g-index

250	250	250	9414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Revised nomenclature for avian telencephalon and some related brainstem nuclei. Journal of Comparative Neurology, 2004, 473, 377-414.	0.9	1,054
2	Avian brains and a new understanding of vertebrate brain evolution. Nature Reviews Neuroscience, 2005, 6, 151-159.	4.9	930
3	Differential loss of striatal projection neurons in Huntington disease.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 5733-5737.	3.3	895
4	Biotinylated dextran amine as an anterograde tracer for single- and double-labeling studies. Journal of Neuroscience Methods, 1992, 41, 239-254.	1.3	592
5	Do birds possess homologues of mammalian primary visual, somatosensory and motor cortices?. Trends in Neurosciences, 2000, 23, 1-12.	4.2	376
6	Structural and functional evolution of the basal ganglia in vertebrates. Brain Research Reviews, 1998, 28, 235-285.	9.1	351
7	Preferential loss of striato-external pallidal projection neurons in presymptomatic Huntington's disease. Annals of Neurology, 1992, 31, 425-430.	2.8	331
8	Pathway tracing using biotinylated dextran amines. Journal of Neuroscience Methods, 2000, 103, 23-37.	1.3	308
9	Striatal and nigral neuron subpopulations in rigid Huntington's disease: Implications for the functional anatomy of chorea and rigidity-akinesia. Annals of Neurology, 1990, 27, 357-365.	2.8	288
10	The patterns of neurotransmitter and neuropeptide co-occurrence among striatal projection neurons: conclusions based on recent findings. Brain Research Reviews, 1990, 15, 251-265.	9.1	268
11	A simple and sensitive antigen retrieval method for free-floating and slide-mounted tissue sections. Journal of Neuroscience Methods, 1999, 93, 149-162.	1.3	260
12	Evidence for Differential Cortical Input to Direct Pathway versus Indirect Pathway Striatal Projection Neurons in Rats. Journal of Neuroscience, 2004, 24, 8289-8299.	1.7	245
13	Abnormalities of Striatal Projection Neurons andN-Methyl-D-Aspartate Receptors in Presymptomatic Huntington's Disease. New England Journal of Medicine, 1990, 322, 1293-1298.	13.9	236
14	Organization of the avian ?corticostriatal? projection system: A retrograde and anterograde pathway tracing study in pigeons. Journal of Comparative Neurology, 1995, 354, 87-126.	0.9	232
15	Birdbrains could teach basal ganglia research a new song. Trends in Neurosciences, 2005, 28, 353-363.	4.2	232
16	Are neostriatal dopamine receptors co-localized?. Trends in Neurosciences, 1993, 16, 299-305.	4.2	226
17	Evolution of the amniote basal ganglia. Trends in Neurosciences, 1984, 7, 320-325.	4.2	224
18	Differential morphology of pyramidal tract-type and intratelencephalically projecting-type corticostriatal neurons and their intrastriatal terminals in rats. Journal of Comparative Neurology, 2003, 457, 420-440.	0.9	207

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19	Distribution of choline acetyltransferase immunoreactivity in the pigeon brain. Journal of Comparative Neurology, 1994, 342, 497-537.	0.9	195
20	The distribution of GABA-containing perikarya, fibers, and terminals in the forebrain and midbrain of pigeons, with particular reference to the basal ganglia and its projection targets. Journal of Comparative Neurology, 1994, 339, 209-250.	0.9	188
21	Organization and evolution of the avian forebrain. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2005, 287A, 1080-1102.	2.0	183
22	Genetics and Neuropathology of Huntington's Disease. International Review of Neurobiology, 2011, 98, 325-372.	0.9	182
23	Differential loss of striatal projection systems in Huntingtonâ€™s disease: a quantitative immunohistochemical study. Journal of Chemical Neuroanatomy, 2004, 27, 143-164.	1.0	178
24	Extensive co-occurrence of substance P and dynorphin in striatal projection neurons: An evolutionarily conserved feature of basal ganglia organization. Journal of Comparative Neurology, 1990, 295, 339-369.	0.9	176
25	Comparison of Olfactory Bulb Projections in Pigeons and Turtles. Brain, Behavior and Evolution, 1985, 27, 11-27.	0.9	175
26	The Edingerâ€“Westphal nucleus: A historical, structural, and functional perspective on a dichotomous terminology. Journal of Comparative Neurology, 2011, 519, 1413-1434.	0.9	168
27	Cellular Localization of Huntingtin in Striatal and Cortical Neurons in Rats: Lack of Correlation with Neuronal Vulnerability in Huntingtonâ€™s Disease. Journal of Neuroscience, 1999, 19, 1189-1202.	1.7	165
28	Corticostriatal projection neurons â€“ dichotomous types and dichotomous functions. Frontiers in Neuroanatomy, 2010, 4, 142.	0.9	165
29	Substance P: Localization within paleostriatal-tegmental pathways in the pigeon. Neuroscience, 1983, 9, 61-85.	1.1	151
30	An immunohistochemical study of the telencephalon of the african lungfish,Protopterus annectens. Journal of Comparative Neurology, 1987, 256, 463-481.	0.9	151
31	Immunohistochemical localization of DARPP-32 in striatal projection neurons and striatal interneurons: implications for the localization of D1-like dopamine receptors on different types of striatal neurons. Brain Research, 1991, 568, 235-243.	1.1	147
32	Songbirds and the Revised Avian Brain Nomenclature. Annals of the New York Academy of Sciences, 2004, 1016, 77-108.	1.8	146
33	Cellular expression of ionotropic glutamate receptor subunits on specific striatal neuron types and its implication for striatal vulnerability in glutamate receptor-mediated excitotoxicity. Neuroscience, 1996, 73, 715-731.	1.1	145
34	Neurotransmitter Organization and Connectivity of the Basal Ganglia in Vertebrates: Implications for the Evolution of Basal Ganglia (Part 1 of 2). Brain, Behavior and Evolution, 1995, 46, 235-246.	0.9	139
35	An immunohistochemical study of the telencephalon of the senegal bichir (Polypterus senegalus). Journal of Comparative Neurology, 1992, 319, 359-386.	0.9	136
36	Wild-Type Huntingtin Plays a Role in Brain Development and Neuronal Survival. Molecular Neurobiology, 2003, 28, 259-276.	1.9	134

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37	Evolution of the amniote pallium and the origins of mammalian neocortex. Annals of the New York Academy of Sciences, 2011, 1225, 14-27.	1.8	131
38	Temporal Relationship of Choroidal Blood Flow and Thickness Changes during Recovery from Form Deprivation Myopia in Chicks. Experimental Eye Research, 2002, 74, 561-570.	1.2	130
39	Colocalization of somatostatin, neuropeptide Y, neuronal nitric oxide synthase and NADPH-diaphorase in striatal interneurons in rats. Brain Research, 1996, 735, 317-324.	1.1	129
40	Co-occurrence of substance P-like and Leu-enkephalin-like immunoreactivities in neurones and fibres of avian nervous system. Nature, 1982, 295, 407-410.	13.7	127
41	Laminar distribution of the cells of origin of the descending tectofugal pathways in the pigeon (Columba livia). Journal of Comparative Neurology, 1982, 204, 165-187.	0.9	124
42	The distribution of proenkephalin-derived peptides in the central nervous system of turtles. Journal of Comparative Neurology, 1987, 259, 65-91.	0.9	124
43	Neural control of choroidal blood flow. Progress in Retinal and Eye Research, 2018, 64, 96-130.	7.3	124
44	A Comparison of Neurotransmitter-Specific and Neuropeptide-Specific Neuronal Cell Types Present in the Dorsal Cortex in Turtles with Those Present in the Isocortex in Mammals: Implications for the Evolution of Isocortex; pp. 53â€“72. Brain, Behavior and Evolution, 1991, 38, 53-72.	0.9	121
45	A specific projection of retinal displaced ganglion cells to the nucleus of the basal optic root in the chicken. Neuroscience, 1979, 4, 1679-1688.	1.1	119
46	Distribution of mu, delta, and kappa opiate receptor types in the forebrain and midbrain of pigeons. Journal of Comparative Neurology, 1989, 280, 359-382.	0.9	118
47	Enkephalin-mediated basal ganglia influences over the optic tectum: Immunohistochemistry of the tectum and the lateral spiriform nucleus in pigeon. Journal of Comparative Neurology, 1982, 208, 37-53.	0.9	117
48	Basal ganglia pathways to the tectum: The afferent and efferent connections of the lateral spiriform nucleus of pigeon. Journal of Comparative Neurology, 1982, 208, 16-36.	0.9	113
49	Basal ganglionic pathways to the tectum: Studies in reptiles. Journal of Comparative Neurology, 1980, 193, 565-589.	0.9	111
50	Brainstem motoneuron pools that are selectively resistant in amyotrophic lateral sclerosis are preferentially enriched in parvalbumin: Evidence from monkey brainstem for a calcium-mediated mechanism in sporadic ALS. Experimental Neurology, 1995, 131, 239-250.	2.0	105
51	Neurotransmitter organization and connections of turtle cortex: implications for the evolution of mammalian isocortex. Comparative Biochemistry and Physiology A, Comparative Physiology, 1993, 104, 735-748.	0.7	104
52	Immunohistochemical study of the telencephalon of the spiny dogfish,Squalus acanthias. Journal of Comparative Neurology, 1988, 277, 250-267.	0.9	103
53	An immunohistochemical and pathway tracing study of the striatopallidal organization of area X in the male zebra finch. Journal of Comparative Neurology, 2004, 469, 239-261.	0.9	103
54	The distribution of enkephalinlike immunoreactivity in the telencephalon of the adult and developing domestic chicken. Journal of Comparative Neurology, 1984, 228, 245-262.	0.9	102

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55	Relative Resistance of Striatal Neurons Containing Calbindin or Parvalbumin to Quinolinic Acid-Mediated Excitotoxicity Compared to Other Striatal Neuron Types. Experimental Neurology, 1998, 149, 356-372.	2.0	98
56	Cellular localization and development of neuronal intranuclear inclusions in striatal and cortical neurons in R6/2 transgenic mice. Journal of Comparative Neurology, 2002, 449, 241-269.	0.9	98
57	Identification of the Anterior Nucleus of the Ansa Lenticularis in Birds as the Homolog of the Mammalian Subthalamic Nucleus. Journal of Neuroscience, 2000, 20, 6998-7010.	1.7	97
58	Differential perikaryal localization in rats of D1 and D2 dopamine receptors on striatal projection neuron types identified by retrograde labeling. Journal of Chemical Neuroanatomy, 2006, 32, 101-116.	1.0	97
59	The neural substrate for the pupillary light reflex in the pigeon (Columba livia). Journal of Comparative Neurology, 1984, 226, 523-543.	0.9	96
60	Reduction in choroidal blood flow occurs in chicks wearing goggles that induce eye growth toward myopia. Current Eye Research, 1993, 12, 219-227.	0.7	93
61	Relative Survival of Striatal Projection Neurons and Interneurons after Intrastriatal Injection of Quinolinic Acid in Rats. Experimental Neurology, 1994, 129, 37-56.	2.0	90
62	Loss of corticostriatal and thalamostriatal synaptic terminals precedes striatal projection neuron pathology in heterozygous Q140 Huntington's disease mice. Neurobiology of Disease, 2013, 60, 89-107.	2.1	90
63	The laminar source of efferent projections from the avian Wulst. Brain Research, 1983, 275, 349-354.	1.1	89
64	Optokinetic Nystagmus and the Accessory Optic System of Pigeon and Turtle. Brain, Behavior and Evolution, 1979, 16, 192-202.	0.9	88
65	The substance P-containing striatotegmental path in reptiles: An immunohistochemical study. Journal of Comparative Neurology, 1983, 219, 305-327.	0.9	86
66	Parasympathetic ocular control â€" functional subdivisions and circuitry of the avian nucleus of Edinger-Westphal. Trends in Neurosciences, 1983, 6, 140-145.	4.2	85
67	The distribution of substance P in turtle nervous system: A radioimmunoassay and immunohistochemical study. Journal of Comparative Neurology, 1984, 226, 50-75.	0.9	85
68	Avian Homologues of Mammalian Intralaminar, Mediodorsal and Midline Thalamic Nuclei: Immunohistochemical and Hodological Evidence. Brain, Behavior and Evolution, 1997, 49, 78-98.	0.9	85
69	Striatal parvalbuminergic neurons are lost in Huntington's disease: implications for dystonia. Movement Disorders, 2013, 28, 1691-1699.	2.2	85
70	Distribution and relative abundance of neurons in the pigeon forebrain containing somatostatin, neuropeptide Y, or both. Journal of Comparative Neurology, 1990, 299, 261-282.	0.9	84
71	The Distribution of Cholinergic Neurons in the Central Nervous System of Turtles. Brain, Behavior and Evolution, 1993, 41, 326-345.	0.9	84
72	The efferent projections of the dorsal and ventral pallidal parts of the pigeon basal ganglia, studied with biotinylated dextran amine. Neuroscience, 1997, 81, 773-802.	1.1	84

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73	Abnormalities in the functioning of adipocytes from R6/2 mice that are transgenic for the Huntington's disease mutation. Human Molecular Genetics, 2001, 10, 145-152.	1.4	81
74	A Novel Closed-Head Model of Mild Traumatic Brain Injury Caused by Primary Overpressure Blast to the Cranium Produces Sustained Emotional Deficits in Mice. Frontiers in Neurology, 2014, 5, 2.	1.1	81
75	Distributions of GABAA, GABAB, and benzodiazepine receptors in the forebrain and midbrain of pigeons. Journal of Comparative Neurology, 1994, 344, 161-189.	0.9	80
76	Striatonigral projection neurons: A retrograde labeling study of the percentages that contain substance P or enkephalin in pigeons. Journal of Comparative Neurology, 1991, 303, 658-673.	0.9	79
77	Evidence for the preferential localization of Glutamate Receptor-1 subunits of AMPA receptors to the dendritic spines of medium spiny neurons in rat striatum. Neuroscience, 1998, 83, 749-761.	1.1	79
78	The avian subpallium: New insights into structural and functional subdivisions occupying the lateral subpallial wall and their embryological origins. Brain Research, 2011, 1424, 67-101.	1.1	77
79	Immunohistochemical and biochemical studies on Lys8-Asn9-neurotensin8-13(LANT6)-related peptides in the basal ganglia of pigeons, turtles, and hamsters. Journal of Comparative Neurology, 1987, 257, 453-476.	0.9	76
80	Habenular asymmetry and the central connections of the parietal eye of the lizard. Journal of Comparative Neurology, 1981, 198, 155-165.	0.9	74
81	Subpallial amygdala and nucleus taeniae in birds resemble extended amygdala and medial amygdala in mammals in their expression of markers of regional identity. Brain Research Bulletin, 2005, 66, 341-347.	1.4	73
82	Motor, Visual and Emotional Deficits in Mice after Closed-Head Mild Traumatic Brain Injury Are Alleviated by the Novel CB2 Inverse Agonist SMM-189. International Journal of Molecular Sciences, 2015, 16, 758-787.	1.8	71
83	The co-occurrence of substance P-like immunoreactivity and dynorphin-like immunoreactivity in striatopallidal and striatonigral projection neurons in birds and reptiles. Brain Research, 1986, 371, 155-161.	1.1	69
84	Distribution, laminar location, and morphology of tectal neurons projecting to the isthmo-optic nucleus and the nucleus isthmi, pars parvocellularis in the pigeon (Columba livia) and chick (Gallus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	69
85	Evidence for a possible avian dorsal thalamic region comparable to the mammalian ventral anterior, ventral lateral, and oral ventroposterolateral nuclei. , 1997, 384, 86-108.		69
86	The edinger-westphal nucleus: Sources of input influencing accommodation, pupilloconstriction, and choroidal blood flow. Journal of Comparative Neurology, 1991, 306, 425-438.	0.9	67
87	Neurotransmitter organization of the nucleus of Edingerâ€“Westphal and its projection to the avian ciliary ganglion. Visual Neuroscience, 1991, 6, 451-472.	0.5	67
88	CAG repeat lengths â‰¥ 335 attenuate the phenotype in the R6/2 Huntington's disease transgenic mouse. Neurobiology of Disease, 2009, 33, 315-330.	2.1	65
89	Evidence from its cardiovascular effects that 7-nitroindazole may inhibit endothelial nitric oxide synthase in vivo. European Journal of Pharmacology, 1996, 303, 61-69.	1.7	64
90	Physiological and Molecular Properties of AMPA/Kainate Receptors Expressed by Striatal Medium Spiny Neurons. Developmental Neuroscience, 1998, 20, 242-252.	1.0	64

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91	Disrupted striatal neuron inputs and outputs in Huntington's disease. CNS Neuroscience and Therapeutics, 2018, 24, 250-280.	1.9	63
92	Substance P-containing neurons of the avian suprachiasmatic nucleus project directly to the nucleus of Edinger-Westphal.. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 3891-3895.	3.3	62
93	Neurons Lacking Huntingtin Differentially Colonize Brain and Survive in Chimeric Mice. Journal of Neuroscience, 2001, 21, 7608-7619.	1.7	62
94	Functional circuitry of the avian basal ganglia: implications for basal ganglia organization in stem amniotes. Brain Research Bulletin, 2002, 57, 513-528.	1.4	62
95	The distribution of dynorphinergic terminals in striatal target regions in comparison to the distribution of substance P-containing and enkephalinergic terminals in monkeys and humans. Neuroscience, 1999, 88, 775-793.	1.1	61
96	Cellular distribution of the NMDA receptor NR2A/2B subunits in the rat striatum. Brain Research, 1996, 743, 346-352.	1.1	59
97	Innervation of orbital and choroidal blood vessels by the pterygopalatine ganglion in pigeons. , 1997, 386, 422-442.		59
98	Avian Bulbospinal Pathways: Anterograde and Retrograde Studies of Cells of Origin, Funicular Trajectories and Laminar Terminations. Progress in Brain Research, 1982, 57, 79-108.	0.9	58
99	Central neural circuits for the light-mediated reflexive control of choroidal blood flow in the pigeon eye: A laser Doppler study. Visual Neuroscience, 1996, 13, 655-669.	0.5	58
100	The distribution and cellular localization of glutamic acid decarboxylase-65 (GAD65) mRNA in the forebrain and midbrain of domestic chick. Journal of Chemical Neuroanatomy, 2005, 29, 265-281.	1.0	56
101	A Novel Closed-Head Model of Mild Traumatic Brain Injury Using Focal Primary Overpressure Blast to the Cranium in Mice. Journal of Neurotrauma, 2016, 33, 403-422.	1.7	56
102	Co-occurrence of Î³-aminobutyric acid, parvalbumin and the neurotensin-related neuropeptide LANT6 in pallidal, nigral and striatal neurons in pigeons and monkeys. Brain Research, 1993, 624, 317-325.	1.1	55
103	Immunohistochemical localization of DARPP32 in striatal projection neurons and striatal interneurons in pigeons. Journal of Chemical Neuroanatomy, 1998, 16, 17-33.	1.0	55
104	A bisynaptic retinocerebellar pathway in the turtle. Brain Research, 1978, 150, 163-169.	1.1	53
105	Evidence for retinal pathology following interruption of neural regulation of choroidal blood flow: MÃ¼ller cells express GFAP following lesions of the nucleus of Edinger-Westphal in pigeons. Current Eye Research, 1990, 9, 583-598.	0.7	53
106	Calcitonin-gene related peptide is an evolutionarily conserved marker within the amniote thalamo-telencephalic auditory pathway. Journal of Comparative Neurology, 1991, 313, 227-239.	0.9	52
107	Laminar Distribution of the Cells of Origin of Ascending and Descending Tectofugal Pathways in Turtles: Implications for the Evolution of Tectal Lamination; pp. 254â€“263. Brain, Behavior and Evolution, 1994, 43, 254-263.	0.9	52
108	Calretinin is largely localized to a unique population of striatal interneurons in rats. Brain Research, 1996, 709, 145-150.	1.1	52

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109	Mild Traumatic Brain Injury Produces Neuron Loss That Can Be Rescued by Modulating Microglial Activation Using a CB2 Receptor Inverse Agonist. Frontiers in Neuroscience, 2016, 10, 449.	1.4	52
110	Transient Global Ischemia in Rats Yields Striatal Projection Neuron and Interneuron Loss Resembling That in Huntington's Disease. Experimental Neurology, 2000, 166, 307-323.	2.0	51
111	Control of choroidal blood flow by the nucleus of Edinger-Westphal in pigeons: a laser Doppler study. Investigative Ophthalmology and Visual Science, 1990, 31, 2483-92.	3.3	51
112	Somatostatin and neuropeptide Y are almost exclusively found in the same neurons in the telencephalon of turtles. Brain Research, 1987, 426, 149-156.	1.1	50
113	Differential abundance of superoxide dismutase in interneurons versus projection neurons and in matrix versus striosome neurons in monkey striatum. Brain Research, 1996, 708, 59-70.	1.1	50
114	Neural nitric oxide mediates Edinger-Westphal nucleus evoked increase in choroidal blood flow in the pigeon. Investigative Ophthalmology and Visual Science, 1996, 37, 666-72.	3.3	50
115	A new avian brain nomenclature: Why, how and what. Brain Research Bulletin, 2005, 66, 317-331.	1.4	49
116	Succinic Dehydrogenase Histochemistry Reveals the Location of the Putative Primary Visual and Auditory Areas within the Dorsal Ventricular Ridge of Sphenodon punctatus. Brain, Behavior and Evolution, 2000, 55, 26-36.	0.9	47
117	Spatial and Temporal Requirements for huntingtin (Htt) in Neuronal Migration and Survival during Brain Development. Journal of Neuroscience, 2011, 31, 14794-14799.	1.7	47
118	Concentrated Conditioned Media from Adipose Tissue Derived Mesenchymal Stem Cells Mitigates Visual Deficits and Retinal Inflammation Following Mild Traumatic Brain Injury. International Journal of Molecular Sciences, 2018, 19, 2016.	1.8	47
119	Glutamate-Mediated Excitotoxic Death of Cultured Striatal Neurons Is Mediated by Non-NMDA Receptors. Experimental Neurology, 1995, 136, 212-224.	2.0	46
120	Localization of dopamine D1A and D1B receptor mRNAs in the forebrain and midbrain of the domestic chick. Journal of Chemical Neuroanatomy, 2000, 19, 211-224.	1.0	46
121	Functional and morphological assessment of age-related changes in the choroid and outer retina in pigeons. Visual Neuroscience, 2001, 18, 299-317.	0.5	44
122	Differential localization of the GluR1 and GluR2 subunits of the AMPA-type glutamate receptor among striatal neuron types in rats. Journal of Chemical Neuroanatomy, 2007, 33, 167-192.	1.0	44
123	Differential loss of thalamostriatal and corticostriatal input to striatal projection neuron types prior to overt motor symptoms in the Q140 knock-in mouse model of Huntington's disease. Frontiers in Systems Neuroscience, 2014, 8, 198.	1.2	44
124	A projection of displaced ganglion cells and giant ganglion cells to the accessory optic nuclei in turtle. Brain Research, 1981, 204, 403-409.	1.1	43
125	Confocal laser scanning microscopy and ultrastructural study of VGLUT2 thalamic input to striatal projection neurons in rats. Journal of Comparative Neurology, 2013, 521, 1354-1377.	0.9	43
126	The relationship of choroidal blood flow and accommodation to the control of ocular growth. Vision Research, 1995, 35, 1227-1245.	0.7	42

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127	Nitrergic neurons make synapses on dual-input dendritic spines of neurons in the cerebral cortex and the striatum of the rat: implication for a postsynaptic action of nitric oxide. Neuroscience, 2000, 99, 627-642.	1.1	41
128	Age-Dependent Differences in Survival of Striatal Somatostatinâ€“NPYâ€“NADPHâ€“Diaphorase-Containing Interneurons versus Striatal Projection Neurons after Intrastriatal Injection of Quinolinic Acid in Rats. Experimental Neurology, 1997, 146, 444-457.	2.0	40
129	Differential organization of cortical inputs to striatal projection neurons of the matrix compartment in rats. Frontiers in Systems Neuroscience, 2015, 9, 51.	1.2	40
130	Ultrastructural single- and double-label immunohistochemical studies of substance P-containing terminals and dopaminergic neurons in the substantia nigra in pigeons. Journal of Comparative Neurology, 1991, 309, 341-362.	0.9	39
131	Projection of the nucleus pretectalis to a retinorecipient tectal layer in the pigeon (Columba livia). , 1996, 368, 424-438.		39
132	TSG-6 in conditioned media from adipose mesenchymal stem cells protects against visual deficits in mild traumatic brain injury model through neurovascular modulation. Stem Cell Research and Therapy, 2019, 10, 318.	2.4	39
133	Differential Abundance of Glutamate Transporter Subtypes in Amyotrophic Lateral Sclerosis (ALS)-Vulnerable versus ALS-Resistant Brain Stem Motor Cell Groups. Experimental Neurology, 1996, 142, 287-295.	2.0	38
134	On the selectivity of 7-nitroindazole as an inhibitor of neuronal nitric oxide synthase. Trends in Pharmacological Sciences, 1998, 19, 348-350.	4.0	38
135	Differential Changes in Striatal Projection Neurons in R6/2 Transgenic Mice for Huntington's Disease. Neurobiology of Disease, 2002, 11, 369-385.	2.1	38
136	Localization of Preganglionic Neurons That Innervate Choroidal Neurons of Pterygopalatine Ganglion. , 2003, 44, 3713.		38
137	Single-cell RT-PCR, in situ hybridization histochemical, and immunohistochemical studies of substance P and enkephalin co-occurrence in striatal projection neurons in rats. Journal of Chemical Neuroanatomy, 2006, 31, 178-199.	1.0	38
138	Neurotensin binding sites in the forebrain and midbrain of the pigeon. Journal of Comparative Neurology, 1986, 253, 358-373.	0.9	37
139	Ultrastructural study of nitric oxide synthase-containing striatal neurons and their relationship with parvalbumin-containing neurons in rats. Brain Research, 1997, 776, 30-39.	1.1	37
140	Amelioration of visual deficits and visual system pathology after mild TBI with the cannabinoid type-2 receptor inverse agonist SMM-189. Experimental Eye Research, 2019, 182, 109-124.	1.2	37
141	The Avian Brain Nomenclature Forum: Terminology for a New Century in Comparative Neuroanatomy. Journal of Comparative Neurology, 2004, 473, E1-E6.	0.9	37
142	Is prefrontal cortex found only in mammals?. Trends in Neurosciences, 1986, 9, 298-300.	4.2	36
143	The group 2 metabotropic glutamate receptor agonist LY379268 rescues neuronal, neurochemical and motor abnormalities in R6/2 Huntington's disease mice. Neurobiology of Disease, 2012, 47, 75-91.	2.1	36
144	A VIP-like peptide co-occurs with substance P and enkephalin in cholinergic preganglionic terminals of the avian ciliary ganglion. Neuroscience Letters, 1987, 78, 22-28.	1.0	35

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145	NMDA and Non-NMDA Receptor-Mediated Excitotoxicity Are Potentiated in Cultured Striatal Neurons by Prior Chronic Depolarization. Experimental Neurology, 1999, 159, 283-296.	2.0	35
146	Effect of choroidal and ciliary nerve transection on choroidal blood flow, retinal health, and ocular enlargement. Visual Neuroscience, 1993, 10, 969-979.	0.5	34
147	Evidence that urocortin is absent from neurons of the Edinger-Westphal nucleus in pigeons. Brazilian Journal of Medical and Biological Research, 2003, 36, 1695-1700.	0.7	34
148	R6/2 neurons with intranuclear inclusions survive for prolonged periods in the brains of chimeric mice. Journal of Comparative Neurology, 2007, 505, 603-629.	0.9	34
149	The effects of lesions of telencephalic visual structures on visual discriminative performance in turtles (Chrysemyspicta picta). Journal of Comparative Neurology, 1983, 218, 1-24.	0.9	32
150	Physiology and Morphology of Intratelencephalically Projecting Corticostriatal-Type Neurons in Pigeons as Revealed by Intracellular Recording and Cell Filling. Brain, Behavior and Evolution, 2001, 58, 101-114.	0.9	32
151	Ganglion cells in the turtle retina contain the neuropeptide LANT-6. Journal of Neuroscience, 1988, 8, 119-132.	1.7	31
152	Distribution within the choroid of cholinergic nerve fibers from the ciliary ganglion in pigeons. Vision Research, 1996, 36, 775-786.	0.7	31
153	Role of Muscarinic Cholinergic Transmission in Edinger-Westphal Nucleus-induced Choroidal Vasodilation in Pigeon. Experimental Eye Research, 2000, 70, 315-327.	1.2	31
154	Age-Related Decline in VIP-Positive Parasympathetic Nerve Fibers in the Human Submacular Choroid. , 2007, 48, 479.		31
155	Ultrastructural double-labeling demonstrates synaptic contacts between dopaminergic terminals and substance P-containing striatal neurons in pigeons. Brain Research, 1992, 572, 303-309.	1.1	30
156	Use of the Sensitive Anterograde Tracer Cholera Toxin Fragment B Reveals New Details of the Central Retinal Projections in Turtles; pp. 307â€“321. Brain, Behavior and Evolution, 1996, 48, 307-321.	0.9	30
157	Choroidal blood flow in pigeons compensates for decreases in arterial blood pressure. Experimental Eye Research, 2003, 76, 273-282.	1.2	30
158	Distribution of the limbic system-associated membrane protein (LAMP) in pigeon forebrain and midbrain. Journal of Comparative Neurology, 2005, 486, 221-242.	0.9	29
159	BDNF may play a differential role in the protective effect of the mGluR2/3 agonist LY379268 on striatal projection neurons in R6/2 Huntington's disease mice. Brain Research, 2012, 1473, 161-172.	1.1	29
160	The co-occurrence of a substance P-like peptide and cholecystokinin-8 in a fiber system of turtle cortex. Journal of Neuroscience, 1985, 5, 1527-1544.	1.7	28
161	Phylogenetic conservatism in the presence of a neurotensin-related hexapeptide in neurons of globus pallidus. Brain Research, 1985, 341, 365-371.	1.1	28
162	Cholinergic interneurons in the Q140 knockin mouse model of Huntington's disease: Reductions in dendritic branching and thalamostriatal input. Journal of Comparative Neurology, 2016, 524, 3518-3529.	0.9	28

#	Article	IF	Citations
163	Choroidal blood flow is reduced in chicks with ocular enlargement induced by corneal incisions. Current Eye Research, 1993, 12, 229-237.	0.7	27
164	In situ hybridization histochemical and immunohistochemical evidence that striatal projection neurons co-containing substance P and enkephalin are overrepresented in the striosomal compartment of striatum in rats. Neuroscience Letters, 2007, 425, 195-199.	1.0	27
165	Amelioration of visual deficits and visual system pathology after mild TBI via the cannabinoid Type-2 receptor inverse agonism of raloxifene. Experimental Neurology, 2019, 322, 113063.	2.0	27
166	Thalamostriatal projection neurons in birds utilize LANT6 and neurotensin: a light and electron microscopic double-labeling study. Journal of Chemical Neuroanatomy, 1995, 9, 1-16.	1.0	26
167	Ultrastructural morphology of synapses formed by corticostriatal terminals in the avian striatum. Brain Research, 1996, 707, 1-12.	1.1	26
168	Light and electron microscopic immunohistochemical study of dopaminergic terminals in the striatal portion of the pigeon basal ganglia using antisera against tyrosine hydroxylase and dopamine. , 1996, 369, 109-124.		26
169	Projections from the hypothalamic paraventricular nucleus and the nucleus of the solitary tract to prechoroidal neurons in the superior salivatory nucleus: Pathways controlling rodent choroidal blood flow. Brain Research, 2010, 1358, 123-139.	1.1	26
170	Substance P-like immunoreactivity in cerebellar mossy fibers and terminals in the red-eared turtle, Chrysemys scripta elegans. Neuroscience, 1980, 5, 903-914.	1.1	25
171	Influence of Ophthalmic Nerve Fibers on Choroidal Blood Flow and Myopic Eye Growth in Chicks. Experimental Eye Research, 1999, 69, 9-20.	1.2	25
172	Selective loss of striatal preprotachykinin neurons in a phenocopy of Huntington's disease. Movement Disorders, 2002, 17, 327-332.	2.2	25
173	A pre-embedding triple-label electron microscopic immunohistochemical method as applied to the study of multiple inputs to defined tegmental neurons.. Journal of Histochemistry and Cytochemistry, 1994, 42, 49-56.	1.3	24
174	Anatomical and functional evidence for progressive age-related decline in parasympathetic control of choroidal blood flow in pigeons. Experimental Eye Research, 2005, 81, 478-491.	1.2	24
175	Choroidal blood flow compensation in rats for arterial blood pressure decreases is neuronal nitric oxide-dependent but compensation for arterial blood pressure increases is not. Experimental Eye Research, 2010, 90, 734-741.	1.2	24
176	The expression of tyrosine hydroxylase and DARPPâ€32 in the house crow (<scp><i>Corvus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	0.9	23
177	Relative frequency of a subclavian vs. a transverse cervical origin for the dorsal scapular artery in humans. , 1996, 244, 265-268.		22
178	Immunohistochemical Localization of NMDA- and AMPA-Type Glutamate Receptor Subunits in the Basal Ganglia of Red-Eared Turtles. Brain, Behavior and Evolution, 1999, 54, 276-289.	0.9	22
179	A novel closed-body model of spinal cord injury caused by high-pressure air blasts produces extensive axonal injury and motor impairments. Experimental Neurology, 2015, 271, 53-71.	2.0	22
180	A LANT6-like substance that is distinct from neuromedin N is present in pallidal and striatal neurons in monkeys. Brain Research, 1987, 422, 186-191.	1.1	21

#	Article	IF	Citations
181	Visual acuity losses in pigeons with lesions of the nucleus of Edinger-Westphal that disrupt the adaptive regulation of choroidal blood flow. Visual Neuroscience, 1998, 15, 273-287.	0.5	21
182	The Differential Vulnerability of Striatal Projection Neurons in 3-Nitropropionic Acid-Treated Rats Does Not Match That Typical of Adult-Onset Huntington's Disease. Experimental Neurology, 2002, 176, 55-65.	2.0	20
183	The effects of extensive forebrain lesions on visual discriminative performance in turtles (Chrysemys) Tj ETQq1 1 0.784314 rgBT /Over	1.1	19
184	Dopaminergic terminals form synaptic contacts with enkephalinergic striatal neurons in pigeons: an electron microscopic study. Brain Research, 1994, 646, 149-156.	1.1	19
185	Localization of cerebellinâ€2 in late embryonic chicken brain: Implications for a role in synapse formation and for brain evolution. Journal of Comparative Neurology, 2011, 519, 2225-2251.	0.9	19
186	You Are Who You Talk with - A Commentary on Dugas-Ford et al. PNAS, 2012. Brain, Behavior and Evolution, 2013, 81, 146-149.	0.9	19
187	Effect of early embryonic deletion of huntingtin from pyramidal neurons on the development and long-term survival of neurons in cerebral cortex and striatum. Neurobiology of Disease, 2018, 111, 102-117.	2.1	19
188	Innervation of orbital and choroidal blood vessels by the pterygopalatine ganglion in pigeons. Journal of Comparative Neurology, 1997, 386, 422-42.	0.9	19
189	An ultrastructural double-label immunohistochemical study of the enkephalinergic input to dopaminergic neurons of the substantia nigra in pigeons. Journal of Comparative Neurology, 1995, 357, 408-432.	0.9	18
190	Preganglionic endings from nucleus of Edinger-Westphal in pigeon ciliary ganglion contain neuronal nitric oxide synthase. Visual Neuroscience, 1999, 16, 819-834.	0.5	18
191	Avian evolution: from Darwin's finches to a new way of thinking about avian forebrain organization and behavioural capabilities. Biology Letters, 2009, 5, 122-124.	1.0	17
192	Preferential interneuron survival in the transition zone of 3â€NPâ€induced striatal injury in rats. Journal of Neuroscience Research, 2011, 89, 744-754.	1.3	17
193	Progression of basal ganglia pathology in heterozygous <scp>Q175</scp> knockâ€in Huntington's disease mice. Journal of Comparative Neurology, 2021, 529, 1327-1371.	0.9	17
194	Dextran Amines: Versatile Tools for Anterograde and Retrograde Studies of Nervous System Connectivity. , 2006, , 304-335.		17
195	The effects of choroidal or ciliary nerve transection on myopic eye growth induced by goggles. Investigative Ophthalmology and Visual Science, 1994, 35, 3691-701.	3.3	17
196	Differential distribution of nicotinamide adenine dinucleotide phosphate-diaphorase and neural nitric oxide synthase in the rat choroid plexus. A histochemical and immunocytochemical study. Neuroscience, 1996, 72, 365-375.	1.1	16
197	Can lesions of GPe correct HD deficits?. Experimental Neurology, 2004, 186, 1-5.	2.0	16
198	Abnormalities in Dynamic Brain Activity Caused by Mild Traumatic Brain Injury Are Partially Rescued by the Cannabinoid Type-2 Receptor Inverse Agonist SMM-189. ENeuro, 2017, 4, ENEURO.0387-16.2017.	0.9	16

#	Article	IF	Citations
199	The Conservative Evolution of the Vertebrate Basal Ganglia. Handbook of Behavioral Neuroscience, 2010, , 29-62.	0.7	15
200	Age-Related Impairment in Choroidal Blood Flow Compensation for Arterial Blood Pressure Fluctuation in Pigeons. , 2011, 52, 7238.		15
201	The identification and neurochemical characterization of central neurons that target parasympathetic preganglionic neurons involved in the regulation of choroidal blood flow in the rat eye using pseudorabies virus, immunolabeling and conventional pathway tracing methods. Frontiers in Neuroanatomy, 2015, 9, 65.	0.9	15
202	Adipose Tissue-Derived Mesenchymal Stem Cell Concentrated Conditioned Medium Alters the Expression Pattern of Glutamate Regulatory Proteins and Aquaporin-4 in the Retina after Mild Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 1702-1716.	1.7	15
203	The distribution of cholecystokinin-8 in the central nervous system of turtles: An immunohistochemical and biochemical study. Brain Research Bulletin, 1985, 15, 167-181.	1.4	14
204	Involvement of urocortinergic neurons below the midbrain central gray in the physiological response to restraint stress in pigeons. Brain Research, 2007, 1147, 175-183.	1.1	14
205	Substance P-like immunoreactivity in the parietal eye visual system of the lizard Uta stansburiana. Cell and Tissue Research, 1982, 227, 543-54.	1.5	13
206	Cellular Localization of AMPA Type Glutamate Receptor Subunits in the Basal Ganglia of Pigeons (Columba livia). Brain, Behavior and Evolution, 2006, 67, 10-38.	0.9	13
207	Defective Choroidal Blood Flow Baroregulation and Retinal Dysfunction and Pathology Following Sympathetic Denervation of Choroid. , 2018, 59, 5032.		13
208	Evidence for a possible avian dorsal thalamic region comparable to the mammalian ventral anterior, ventral lateral, and oral ventroposterolateral nuclei. Journal of Comparative Neurology, 1997, 384, 86-108.	0.9	13
209	Vasoactive intestinal polypeptide-containing nerve fibers are increased in abundance in the choroid of dystrophic RCS rats. Current Eye Research, 1992, 11, 501-515.	0.7	12
210	Interspecific differences in the expression of the AMPA-type glutamate receptors and parvalbumin in the nucleus of Edingerâ€“Westphal of chicks and pigeons. Brain Research, 2002, 947, 122-130.	1.1	12
211	Sustained upregulation of glial fibrillary acidic protein in MÃ¼ller cells in pigeon retina following disruption of the parasympathetic control of choroidal blood flow. Experimental Eye Research, 2006, 83, 1017-1030.	1.2	12
212	The Conservative Evolution of the Vertebrate Basal Ganglia. Handbook of Behavioral Neuroscience, 2016, 24, 63-97.	0.7	12
213	Progressive longâ€term spatial memory loss following repeat concussive and subconcussive brain injury in mice, associated with dorsal hippocampal neuron loss, microglial phenotype shift, and vascular abnormalities. European Journal of Neuroscience, 2021, 54, 5844-5879.	1.2	12
214	You Cannot Have a Vertebrate Brain Without a Basal Ganglia. Advances in Behavioral Biology, 2009, , 3-24.	0.2	12
215	Raloxifene Modulates Microglia and Rescues Visual Deficits and Pathology After Impact Traumatic Brain Injury. Frontiers in Neuroscience, 2021, 15, 701317.	1.4	12
216	On noncarcinogenic chromogens for horseradish peroxidase histochemistry.. Journal of Histochemistry and Cytochemistry, 1980, 28, 187-191.	1.3	10

#	Article	IF	Citations
217	EFFECTS OF HALOTHANE AND URETHANEâ€“CHLORALOSE ANAESTHESIA ON THE PRESSOR AND CEREBROVASCULAR RESPONSES TO 7â€“NITROINDAZOLE, AN INHIBITOR OF NITRIC OXIDE SYNTHASE. Pharmacological Research, 1998, 38, 339-346.	3.1	10
218	Increased calbindin-D28k immunoreactivity in striatal projection neurons of R6/2 Huntington's disease transgenic mice. Neurobiology of Disease, 2005, 20, 907-917.	2.1	10
219	Disinhibition of neurons of the nucleus of solitary tract that project to the superior salivatory nucleus causes choroidal vasodilation: Implications for mechanisms underlying choroidal baroregulation. Neuroscience Letters, 2016, 633, 106-111.	1.0	10
220	Neurochemical compartmentalization within the pigeon basal ganglia. Journal of Chemical Neuroanatomy, 2016, 78, 65-86.	1.0	10
221	The neocortex comes together. Nature, 1999, 399, 418-419.	13.7	9
222	Enkephalinergic striatal projection neurons become less affected by quinolinic acid than substance P-containing striatal projection neurons as rats age. Experimental Neurology, 2003, 184, 1034-1042.	2.0	9
223	Organization of Corticostriatal Projection Neuron Types. Handbook of Behavioral Neuroscience, 2010, , 323-339.	0.7	9
224	Differential effects of aging on the distribution of calcium-binding proteins in a pretectal nucleus of the chicken brain. Journal of Chemical Neuroanatomy, 2003, 26, 195-208.	1.0	8
225	The Functional Anatomy of the Basal Ganglia of Birds. European Journal of Morphology, 1999, 37, 160-165.	1.4	8
226	Mesenchymal stem cell secretome protects against oxidative stress-induced ocular blast visual pathologies. Experimental Eye Research, 2022, 215, 108930.	1.2	8
227	Role of the superior salivatory nucleus in parasympathetic control of choroidal blood flow and in maintenance of retinal health. Experimental Eye Research, 2021, 206, 108541.	1.2	7
228	An Explanation of Behavior: The Triune Brain in Evolution . Role in Paleocerebral Functions. Paul D. MacLean. Plenum, New York, 1990. xxiv, 672 pp., illus. $75.. Science, 1990, 250, 303-305.	6.0	7
229	Organization of Corticostriatal Projection Neuron Types. Handbook of Behavioral Neuroscience, 2016, 24, 405-422.	0.7	6
230	Stimulation of Baroresponsive Parts of the Nucleus of the Solitary Tract Produces Nitric Oxide-mediated Choroidal Vasodilation in Rat Eye. Frontiers in Neuroanatomy, 2016, 10, 94.	0.9	6
231	Systemic Elevation of n-3 Polyunsaturated Fatty Acids (n-3-PUFA) Is Associated with Protection against Visual, Motor, and Emotional Deficits in Mice following Closed-Head Mild Traumatic Brain Injury. Molecular Neurobiology, 2021, 58, 5564-5580.	1.9	6
232	Neural Control of Ocular Blood Flow. , 2012, , 243-309.		6
233	The neurotensin-related hexapeptide LANT6 is found in retinal ganglion cells and in their central projections in pigeons. Visual Neuroscience, 1992, 9, 217-223.	0.5	4
234	Levels of organization and the evolution of isocortex. Trends in Neurosciences, 1996, 19, 91.	4.2	4

#	Article	IF	Citations
235	Rescue of BDNF expression by the thalamic parafascicular nucleus with chronic treatment with the mGluR2/3 agonist LY379268 may contribute to the LY379268 rescue of enkephalinergic striatal projection neurons in R6/2 Huntingtonâ€™s disease mice. Neuroscience Letters, 2021, 763, 136180.	1.0	4
236	How Selective Is 7-Nitroindazole, An Inhibitor of Neuronal Nitric Oxide Synthase?. Anesthesia and Analgesia, 1998, 86, 679.	1.1	3
237	The Evolution of the Basal Ganglia in Mammals and Other Vertebrates. , 2007, , 397-411.		2
238	Type-specific photoreceptor loss in pigeons after disruption of parasympathetic control of choroidal blood flow by the medial subdivision of the nucleus of Edingerâ€“Westphal. Visual Neuroscience, 2016, 33, E008.	0.5	2
239	Raloxifene, a cannabinoid type-2 receptor inverse agonist, mitigates visual deficits and pathology and modulates microglia after ocular blast. Experimental Eye Research, 2022, 218, 108966.	1.2	2
240	How Selective Is 7-Nitroindazole, An Inhibitor of Neuronal Nitric Oxide Synthase?. Anesthesia and Analgesia, 1998, 86, 679.	1.1	1
241	Immunohistochemical localization of AMPA-type glutamate receptor subunits in the nucleus of the Edinger-Westphal in embryonic chick. Neuroscience Letters, 2011, 498, 199-203.	1.0	1
242	Brainstem Motoneuron Cell Groups that die in Amyotrophic Lateral Sclerosis are Rich in the GLT-1 Glutamate Transporter. , 1996, , 69-76.		1
243	Laminar Distribution of the Cells of Origin of Ascending and Descending Tectofugal Pathways in Turtles: Implications for the Evolution of Tectal Lamination; pp. 284â€“292. Brain, Behavior and Evolution, 1994, 43, 284-292.	0.9	0
244	The data do not support the hypothesis. Behavioral and Brain Sciences, 2003, 26, 567-568.	0.4	0
245	An Explanation of Behavior: The Triune Brain in Evolution . Role in Paleocerebral Functions. Paul D. MacLean. Plenum, New York, 1990. xxiv, 672 pp., illus. $75.. Science, 1990, 250, 303-305.	6.0	0
246	Central Nervous System Is Not Involved in Initiation of the Pressor Effect of 7-Nitroindazole in Urethane-Anesthetized Rats. Hypertension, 1998, 31, .	1.3	0