

Central cholinergic pathways in the rat: An overview based on nomenclature (Ch1–Ch6)

Neuroscience

10, 1185-1201

DOI: [10.1016/0306-4522\(83\)90108-2](https://doi.org/10.1016/0306-4522(83)90108-2)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 2 | Muscarinic action of acetylcholine in the rat ventromedial thalamic nucleus. <i>Experimental Brain Research</i> , 1984, 55, 553-61. | 0.7 | 23 |
| 3 | Impairment in T-maze reinforced alternation performance following nucleus basalis magnocellularis lesions in rats. <i>Behavioural Brain Research</i> , 1984, 13, 63-70. | 1.2 | 121 |
| 4 | Cortical projections arising from the basal forebrain: A study of cholinergic and noncholinergic components employing combined retrograde tracing and immunohistochemical localization of choline acetyltransferase. <i>Neuroscience</i> , 1984, 13, 627-643. | 1.1 | 718 |
| 5 | Atlas of cholinergic neurons in the forebrain and upper brainstem of the macaque based on monoclonal choline acetyltransferase immunohistochemistry and acetylcholinesterase histochemistry. <i>Neuroscience</i> , 1984, 12, 669-686. | 1.1 | 563 |
| 6 | Cholinergic neurons in the nucleus tegmenti pedunculopontinus pars compacta and the caudoputamen of the rat: A light and electron microscopic immunohistochemical study using a monoclonal antibody to choline acetyltransferase. <i>Neuroscience Letters</i> , 1984, 51, 113-117. | 1.0 | 28 |
| 7 | Cholinergic systems in mammalian brain identified with antibodies against choline acetyltransferase. <i>Neurochemistry International</i> , 1984, 6, 163-182. | 1.9 | 282 |
| 8 | Ultrastructural evidence of amygdalofugal axons terminating on cholinergic cells of the rostral forebrain. <i>Neuroscience Letters</i> , 1984, 52, 219-225. | 1.0 | 107 |
| 9 | Regional variations in cortical cholinergic innervation: Chemoarchitectonics of acetylcholinesterase-containing fibers in the macaque brain. <i>Brain Research</i> , 1984, 311, 245-258. | 1.1 | 106 |
| 10 | Choline acetyltransferase-like immunoreactivity in the forebrain of the red-eared pond turtle (<i>Pseudemys scripta elegans</i>). <i>Brain Research</i> , 1984, 323, 103-108. | 1.1 | 62 |
| 11 | Guidance of acetylcholinesterase-containing fibres by target tissue in co-cultured brain slices. <i>Neuroscience</i> , 1984, 13, 681-689. | 1.1 | 87 |
| 12 | Cholinergic systems in the rat brain: I. Projections to the limbic telencephalon. <i>Brain Research Bulletin</i> , 1984, 13, 751-784. | 1.4 | 387 |
| 13 | Choline acetyltransferase-immunoreactive neurons intrinsic to rodent cortex and distinction from acetylcholinesterase-positive neurons. <i>Neuroscience</i> , 1984, 13, 341-353. | 1.1 | 269 |
| 14 | Two types of muscarinic response to acetylcholine in mammalian cortical neurons.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985, 82, 6344-6348. | 3.3 | 279 |
| 15 | Dissociated cell culture of cholinergic neurons from nucleus basalis of Meynert and other basal forebrain nuclei.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985, 82, 6325-6329. | 3.3 | 70 |
| 16 | Simultaneous ultrastructural demonstration of retrogradely transported horseradish peroxidase and choline acetyltransferase immunoreactivity. <i>Histochemistry</i> , 1985, 82, 529-537. | 1.9 | 43 |
| 17 | Nucleus basalis Meynert neurons contain the vitamin D-induced calcium-binding protein (Calbindin-D) Tj ETQq1 1 0,784314 rgBT /Over | 1.5 | 79 |
| 18 | Functional innervation of cultured hippocampal neurones by cholinergic afferents from co-cultured septal explants. <i>Nature</i> , 1985, 313, 577-579. | 13.7 | 136 |
| 19 | Cholinergic projections from the basal forebrain to the basolateral amygdaloid complex: A combined retrograde fluorescent and immunohistochemical study. <i>Journal of Comparative Neurology</i> , 1985, 234, 155-167. | 0.9 | 249 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 20 | Efferent connections of the ventral pallidum: Evidence of a dual striato pallidofugal pathway. <i>Journal of Comparative Neurology</i> , 1985, 235, 322-335. | 0.9 | 411 |
| 21 | Distribution of central cholinergic neurons in the baboon (<i>papio papio</i>). I. General morphology. <i>Journal of Comparative Neurology</i> , 1985, 236, 197-214. | 0.9 | 144 |
| 22 | Distribution of central cholinergic neurons in the baboon (<i>papio papio</i>). II. A topographic atlas correlated with catecholamine neurons. <i>Journal of Comparative Neurology</i> , 1985, 236, 215-233. | 0.9 | 85 |
| 23 | A correlated light and electron microscopic study of identified cholinergic basal forebrain neurons that project to the cortex in the rat. <i>Journal of Comparative Neurology</i> , 1985, 239, 176-192. | 0.9 | 126 |
| 24 | Cholinergic innervation of the rat hippocampus as revealed by choline acetyltransferase immunocytochemistry: A combined light and electron microscopic study. <i>Journal of Comparative Neurology</i> , 1985, 239, 237-246. | 0.9 | 565 |
| 25 | An analysis of the origins of the cholinergic and noncholinergic septal projections to the hippocampal formation of the rat. <i>Journal of Comparative Neurology</i> , 1985, 240, 37-59. | 0.9 | 640 |
| 26 | Catecholaminergic innervation of the septal area in man: Immunocytochemical study using TH and DBH antibodies. <i>Journal of Comparative Neurology</i> , 1985, 241, 12-33. | 0.9 | 155 |
| 27 | The afferent connections of the substantia innominata in the monkey, <i>Macaca fascicularis</i> . <i>Journal of Comparative Neurology</i> , 1985, 242, 1-27. | 0.9 | 263 |
| 28 | The efferent projections from the reticular formation and the locus coeruleus studied by anterograde and retrograde axonal transport in the rat. <i>Journal of Comparative Neurology</i> , 1985, 242, 56-92. | 0.9 | 914 |
| 29 | Choline acetyltransferase activity in striatum of neonatal rats increased by nerve growth factor. <i>Science</i> , 1985, 229, 284-287. | 6.0 | 486 |
| 30 | Loss of M2 muscarine receptors in the cerebral cortex in Alzheimer's disease and experimental cholinergic denervation. <i>Science</i> , 1985, 228, 1115-1117. | 6.0 | 690 |
| 31 | Distributions of choline acetyltransferase and acetylcholinesterase activities in layers of rat superior colliculus. <i>Journal of Histochemistry and Cytochemistry</i> , 1985, 33, 631-641. | 1.3 | 28 |
| 32 | Electrophysiological actions of nicotine on substantia nigra single units. <i>British Journal of Pharmacology</i> , 1985, 85, 827-835. | 2.7 | 149 |
| 33 | Neurobiological Studies of Transmitter Systems in Aging and in Alzheimer-Type Dementia. <i>Annals of the New York Academy of Sciences</i> , 1985, 457, 35-51. | 1.8 | 16 |
| 34 | Estradiol increases choline acetyltransferase activity in specific basal forebrain nuclei and projection areas of female rats. <i>Experimental Neurology</i> , 1985, 89, 484-490. | 2.0 | 480 |
| 35 | Disruption of central cholinergic systems in the rat by basal forebrain lesions or atropine: Effects on feeding, sensorimotor behaviour, locomotor activity and spatial navigation. <i>Behavioural Brain Research</i> , 1985, 17, 103-115. | 1.2 | 239 |
| 36 | Cholinergic and non-cholinergic septohippocampal pathways. <i>Neuroscience Letters</i> , 1985, 54, 45-52. | 1.0 | 273 |
| 37 | Cholinergic systems in the rat brain: II. Projections to the interpeduncular nucleus. <i>Brain Research Bulletin</i> , 1985, 14, 63-83. | 1.4 | 129 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 38 | Behavioral investigation of the coexistence of substance P, corticotropin releasing factor, and acetylcholinesterase in lateral dorsal tegmental neurons projecting to the medial frontal cortex of the rat. <i>Peptides</i> , 1985, 6, 891-901. | 1.2 | 80 |
| 39 | Non-cholinergic globus pallidus cells that project to the cortex but not to the subthalamic nucleus in rat. <i>Neuroscience Letters</i> , 1985, 57, 113-118. | 1.0 | 31 |
| 40 | Transplantation of embryonic ventral forebrain neurons to the neocortex of rats with lesions of nucleus basalis magnocellularisâ€™II. Sensorimotor and learning impairments. <i>Neuroscience</i> , 1985, 16, 787-797. | 1.1 | 293 |
| 41 | The cytoarchitecture, histochemistry and projections of the tuberomammillary nucleus in the rat. <i>Neuroscience</i> , 1985, 16, 85-110. | 1.1 | 246 |
| 42 | Perinatal glucocorticoids alter dentate gyrus electrophysiology. <i>Brain Research Bulletin</i> , 1985, 15, 111-116. | 1.4 | 19 |
| 43 | Substance P- and enkephalin-containing projections from the interpeduncular nucleus to the dorsal tegmental region in the rat. <i>Neuroscience Letters</i> , 1985, 62, 311-316. | 1.0 | 13 |
| 44 | Quinolinic acid neurotoxicity in the nucleus basalis antagonized by kynurenic acid. <i>Neurobiology of Aging</i> , 1985, 6, 331-336. | 1.5 | 46 |
| 45 | The pattern of cortical projections from the intermediate parts of the magnocellular nucleus basalis in the rat demonstrated by tracing with Phaseolus vulgaris-leucoagglutinin. <i>Neuroscience Letters</i> , 1985, 57, 137-142. | 1.0 | 41 |
| 46 | Transplantation of embryonic ventral forebrain neurons to the neocortex of rats with lesions of nucleus basalis magnocellularisâ€™I. Biochemical and anatomical observations. <i>Neuroscience</i> , 1985, 16, 769-786. | 1.1 | 85 |
| 47 | Profound disturbances of spontaneous and learned behaviors following lesions of the nucleus basalis magnocellularis in the rat. <i>Brain Research</i> , 1985, 338, 249-258. | 1.1 | 157 |
| 48 | [3H]choline labelling of cerebellothalamic neurons with observations on the cerebello-thalamo-parietal pathway in cats. <i>Brain Research</i> , 1985, 335, 237-243. | 1.1 | 11 |
| 49 | Cholinergic projections from the midbrain and pons to the thalamus in the rat, identified by combined retrograde tracing and choline acetyltransferase immunohistochemistry. <i>Brain Research</i> , 1985, 329, 213-223. | 1.1 | 294 |
| 50 | Galanin-like immunoreactivity in cholinergic neurons of the septum-basal forebrain complex projecting to the hippocampus of the rat. <i>Brain Research</i> , 1985, 360, 130-138. | 1.1 | 309 |
| 51 | Development of cholinergic projections in organotypic cultures of rat septum, hippocampus and cerebellum. <i>Developmental Brain Research</i> , 1985, 19, 267-278. | 2.1 | 41 |
| 52 | Transient patterns of acetylcholinesterase activity in visual cortex of the rat: Normal development and the effects of neonatal monocular enucleation. <i>Developmental Brain Research</i> , 1985, 21, 203-214. | 2.1 | 67 |
| 53 | Distribution of cholinergic muscarinic binding sites in guinea-pig brain as determined by in vitro autoradiography of [3H]N-methyl scopolamine binding. <i>European Journal of Pharmacology</i> , 1985, 119, 9-16. | 1.7 | 15 |
| 54 | Generation of cortical event-related slow potentials in the rat involves nucleus basalis cholinergic innervation. <i>Electroencephalography and Clinical Neurophysiology</i> , 1986, 63, 464-475. | 0.3 | 46 |
| 55 | The hypothalamic arcuate nucleus-median eminence complex: Immunohistochemistry of transmitters, peptides and DARPP-32 with special reference to coexistence in dopamine neurons. <i>Brain Research Reviews</i> , 1986, 11, 97-155. | 9.1 | 218 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 56 | The basal ganglia and the locomotor regions. <i>Brain Research Reviews</i> , 1986, 11, 47-63. | 9.1 | 337 |
| 57 | Behavioural functions of nucleus basalis magnocellularis and its relationship to dementia. <i>Trends in Neurosciences</i> , 1986, 9, 256-258. | 4.2 | 27 |
| 58 | Neurotransmitters, pathways and circuits as the neural substrates of self-stimulation of the prefrontal cortex: Facts and speculations. <i>Behavioural Brain Research</i> , 1986, 22, 127-140. | 1.2 | 22 |
| 59 | Medial septal and nucleus basalis magnocellularis lesions produce order memory deficits in rats which mimic symptomatology of Alzheimer's disease. <i>Neurobiology of Aging</i> , 1986, 7, 287-295. | 1.5 | 171 |
| 60 | Nerve growth factor increases choline acetyltransferase activity in developing basal forebrain neurons. <i>Molecular Brain Research</i> , 1986, 1, 53-62. | 2.5 | 360 |
| 61 | Neuropeptides and nadph-diaphorase activity in the ascending cholinergic reticular system of the rat. <i>Neuroscience</i> , 1986, 17, 167-182. | 1.1 | 210 |
| 62 | Changes in cortical acetylcholine output induced by modulation of the nucleus basalis. <i>Brain Research Bulletin</i> , 1986, 16, 689-695. | 1.4 | 213 |
| 63 | Retrograde cell changes in medial septum and diagonal band following fimbria-fornix transection: Quantitative temporal analysis. <i>Neuroscience</i> , 1986, 19, 241-255. | 1.1 | 229 |
| 64 | Lesion of nucleus basalis magnocellularis decreases [3H]hemicholinium-3 binding (as measured by) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 | 1.0 | 12 |
| 65 | The localization of central cholinergic neurons. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1986, 10, 637-656. | 2.5 | 19 |
| 66 | Localization of binding sites for calcitonin gene-related peptide in rat brain by in vitro autoradiography. <i>Neuroscience</i> , 1986, 19, 1235-1245. | 1.1 | 108 |
| 67 | Kynurenic acid-induced protection of neurochemical and behavioural deficits produced by quinolinic acid injections into the nucleus basalis of rats. <i>Neuroscience Letters</i> , 1986, 68, 317-321. | 1.0 | 23 |
| 68 | Galanin-like immunoreactivity in hippocampal afferents in the rat, with special reference to cholinergic and noradrenergic inputs. <i>Neuroscience</i> , 1986, 19, 223-240. | 1.1 | 142 |
| 69 | Retrograde labeling of neurons in the brain stem following injections of [3H]choline into the rat spinal cord. <i>Neuroscience</i> , 1986, 18, 901-916. | 1.1 | 101 |
| 70 | Cholinergic limbic projections and behavioral role of basal forebrain nuclei in the rat. <i>Brain Research Bulletin</i> , 1986, 16, 477-482. | 1.4 | 15 |
| 71 | Colocalization of gamma-aminobutyric acid and acetylcholinesterase in rodent cortical neurons. <i>Neuroscience</i> , 1986, 19, 763-769. | 1.1 | 34 |
| 72 | Immunohistochemical localization of glutamate, glutaminase and aspartate aminotransferase in neurons of the pontine nuclei of the rat. <i>Neuroscience</i> , 1986, 17, 741-753. | 1.1 | 73 |
| 73 | Effects of agonists and antagonists of cholinergic receptors on self-stimulation of the medial prefrontal cortex of the rat. <i>General Pharmacology</i> , 1986, 17, 63-67. | 0.7 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 74 | The cholinergic systems in brain and spinal cord. <i>Progress in Neurobiology</i> , 1986, 26, 211-272. | 2.8 | 199 |
| 75 | Localization of nerve growth factor receptors in cholinergic neurons of the human basal forebrain. <i>Neuroscience Letters</i> , 1986, 69, 37-41. | 1.0 | 289 |
| 76 | Cholinergic denervation of the rat hippocampus by fimbrial transection leads to a transient accumulation of nerve growth factor (NGF) without change in mRNANGF content. <i>Neuroscience Letters</i> , 1986, 66, 175-180. | 1.0 | 168 |
| 77 | Projections of the mesencephalic locomotor region in the rat. <i>Brain Research Bulletin</i> , 1986, 17, 33-40. | 1.4 | 48 |
| 78 | Are the neurochemical and behavioral changes induced by lesions of the nucleus basalis in the rat a model of Alzheimer's disease?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1986, 10, 541-551. | 2.5 | 30 |
| 79 | Autoradiographic localization of M1 and M2 muscarine receptors in the rat brain. <i>Neuroscience</i> , 1986, 19, 551-564. | 1.1 | 315 |
| 80 | Electrophysiology of AChE-positive neurons in basal forebrain slices. <i>Neuroscience Letters</i> , 1986, 71, 169-174. | 1.0 | 103 |
| 81 | Cholinergic innervation displays strikingly different laminar preferences in several cortical areas. <i>Neuroscience Letters</i> , 1986, 64, 102-108. | 1.0 | 63 |
| 82 | Choline acetyltransferase immunohistochemical staining in the goldfish (<i>Carassius auratus</i>) brain: Evidence that the Mauthner cell does not contain choline acetyltransferase. <i>Brain Research</i> , 1986, 381, 215-224. | 1.1 | 22 |
| 83 | Colocalization of atriopeptin-like immunoreactivity with choline acetyltransferase-and substance P-like immunoreactivity in the pedunculo-pontine and laterodorsal tegmental nuclei in the rat. <i>Brain Research</i> , 1986, 382, 163-168. | 1.1 | 95 |
| 84 | Retrograde changes in the nucleus basalis of the rat, caused by cortical damage, are prevented by exogenous ganglioside GM1. <i>Brain Research</i> , 1986, 376, 373-377. | 1.1 | 122 |
| 85 | Muscarinic cholinergic receptor subtypes in the human brain. II. Quantitative autoradiographic studies. <i>Brain Research</i> , 1986, 362, 239-253. | 1.1 | 197 |
| 86 | N-methylaspartate: an effective tool for lesioning basal forebrain cholinergic neurons of the rat. <i>Brain Research</i> , 1986, 369, 377-382. | 1.1 | 44 |
| 87 | Laminar distribution of hippocampal rhythmic slow activity (RSA) in the behaving rat: Current-source density analysis, effects of urethane and atropine. <i>Brain Research</i> , 1986, 365, 125-137. | 1.1 | 231 |
| 88 | Effect of thyroid hormone analogs on the activity of choline acetyltransferase in cultures of dissociated septal cells. <i>Brain Research</i> , 1986, 375, 413-416. | 1.1 | 59 |
| 89 | Decrease of locomotor activity by injections of carbachol into the anterior hypothalamic/preoptic area of the rat. <i>Brain Research</i> , 1986, 376, 38-46. | 1.1 | 29 |
| 90 | Acetylcholine-rich neuronal grafts in the forebrain of rats: Effects of environmental enrichment, neonatal noradrenaline depletion, host transplantation site and regional source of embryonic donor cells on graft size and acetylcholinesterase-positive fibre outgrowth. <i>Brain Research</i> , 1986, 378, 357-373. | 1.1 | 157 |
| 91 | Distribution of "Non-specific" cholinesterase-containing neurons in the dorsal thalamus of the rat. <i>Brain Research</i> , 1986, 368, 116-124. | 1.1 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 92 | Sleep-related neuronal discharge in the basal forebrain of cats. <i>Brain Research</i> , 1986, 370, 82-92. | 1.1 | 247 |
| 93 | Cholinergic projections from the parabigeminal nucleus (Ch8) to the superior colliculus in the mouse: a combined analysis of horseradish peroxidase transport and choline acetyltransferase immunohistochemistry. <i>Brain Research</i> , 1986, 370, 144-148. | 1.1 | 139 |
| 94 | The identification of some sources of afferent input to the rat nucleus basalis magnocellularis by retrograde transport of horseradish peroxidase. <i>Brain Research</i> , 1986, 366, 152-158. | 1.1 | 64 |
| 95 | Basal forebrain neurons projecting to the rat frontoparietal cortex: Electrophysiological and pharmacological properties. <i>Brain Research</i> , 1986, 362, 122-131. | 1.1 | 135 |
| 96 | Topography of choline acetyltransferase Immunoreactive Neurons and fibers in the rat spinal cord. <i>Brain Research</i> , 1986, 362, 140-148. | 1.1 | 139 |
| 97 | Direct autoradiographic determination of M1 and M2 muscarinic acetylcholine receptor distribution in the rat brain: Relation to cholinergic nuclei and projections. <i>Brain Research</i> , 1986, 380, 59-68. | 1.1 | 331 |
| 98 | Three-dimensional representation and cortical projection topography of the nucleus basalis (Ch4) in the macaque: concurrent demonstration of choline acetyltransferase and retrograde transport with a stabilized tetramethylbenzidine method for horseradish peroxidase. <i>Brain Research</i> , 1986, 367, 301-308. | 1.1 | 111 |
| 99 | Light microscopic evidence of striatal input to intrapallidal neurons of cholinergic cell group Ch4 in the rat: a study employing the anterograde tracer <i>Phaseolus vulgaris</i> leucoagglutinin (PHA-L). <i>Brain Research</i> , 1986, 367, 379-384. | 1.1 | 94 |
| 100 | Distribution of neuronal receptors for nerve growth factor in the rat. <i>Journal of Neuroscience</i> , 1986, 6, 2312-2321. | 1.7 | 396 |
| 101 | Cholinergic influence of the laterodorsal tegmental nucleus on neuronal activity in the rat lateral geniculate nucleus. <i>Journal of Neurophysiology</i> , 1986, 56, 1297-1309. | 0.9 | 49 |
| 102 | Impairment of Memory and Changes in Neurotransmitters Induced by Basal Forebrain Lesion in Rats. <i>The Japanese Journal of Pharmacology</i> , 1986, 41, 497-504. | 1.2 | 11 |
| 103 | Lack of task specificity and absence of posttraining effects of atropine on learning.. <i>Behavioral Neuroscience</i> , 1986, 100, 483-493. | 0.6 | 82 |
| 104 | Nerve growth factor promotes survival of septal cholinergic neurons after fimbrial transections. <i>Journal of Neuroscience</i> , 1986, 6, 2155-2162. | 1.7 | 1,432 |
| 105 | Continuous infusion of nerve growth factor prevents basal forebrain neuronal death after fimbria fornix transection.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 9231-9235. | 3.3 | 942 |
| 106 | Modeling sleep: We need all the perspectives we can get!. <i>Behavioral and Brain Sciences</i> , 1986, 9, 406-407. | 0.4 | 0 |
| 107 | Doubt and certainty in the neurophysiology of state. <i>Behavioral and Brain Sciences</i> , 1986, 9, 408-409. | 0.4 | 0 |
| 108 | Memory related role of the posterior cholinergic system. <i>International Journal of Neuroscience</i> , 1986, 30, 101-119. | 0.8 | 44 |
| 109 | Evolving concepts of sleep cycle generation: From brain centers to neuronal populations. <i>Behavioral and Brain Sciences</i> , 1986, 9, 371-400. | 0.4 | 390 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 110 | Rapid eye movements and the cerebellum. Behavioral and Brain Sciences, 1986, 9, 400-401. | 0.4 | 1 |
| 111 | Sleep homeostasis. Behavioral and Brain Sciences, 1986, 9, 401-401. | 0.4 | 1 |
| 112 | Relationships between pontogeniculooccipital waves and ocular movements. Behavioral and Brain Sciences, 1986, 9, 401-402. | 0.4 | 1 |
| 113 | Sleep cycle or REM sleep generator?. Behavioral and Brain Sciences, 1986, 9, 402-403. | 0.4 | 0 |
| 114 | Reciprocal interactions in the brain stem, REM sleep, and the generation of generalized convulsions. Behavioral and Brain Sciences, 1986, 9, 403-404. | 0.4 | 0 |
| 115 | Revising sleep cycle theory?. Behavioral and Brain Sciences, 1986, 9, 404-405. | 0.4 | 0 |
| 116 | Sleep-cycle generation: Turning on, turning off, and tuning out. Behavioral and Brain Sciences, 1986, 9, 405-406. | 0.4 | 2 |
| 117 | Sleep cycle generation: Testing the new hypotheses. Behavioral and Brain Sciences, 1986, 9, 406-406. | 0.4 | 0 |
| 118 | Wet physiology of REM sleep generation. Behavioral and Brain Sciences, 1986, 9, 407-407. | 0.4 | 1 |
| 119 | The elusive sleep cycle generator. Behavioral and Brain Sciences, 1986, 9, 408-408. | 0.4 | 0 |
| 120 | The biological purpose of sleep may make multiple distributed reciprocal systems meaningful. Behavioral and Brain Sciences, 1986, 9, 409-409. | 0.4 | 1 |
| 121 | The need for a new model of sleep cycle generation. Behavioral and Brain Sciences, 1986, 9, 409-411. | 0.4 | 2 |
| 122 | Back to the hypothalamus: A crucial road for sleep research. Behavioral and Brain Sciences, 1986, 9, 411-411. | 0.4 | 2 |
| 123 | Reciprocal interaction revisited. Behavioral and Brain Sciences, 1986, 9, 411-412. | 0.4 | 0 |
| 124 | Transmitters and REM sleep. Behavioral and Brain Sciences, 1986, 9, 412-412. | 0.4 | 0 |
| 125 | The reciprocal-interaction model of sleep: A look at a vigorous ten-year-old. Behavioral and Brain Sciences, 1986, 9, 412-413. | 0.4 | 0 |
| 126 | Are cholinergic, noradrenergic, and serotonergic neurons sufficient for understanding REM sleep control?. Behavioral and Brain Sciences, 1986, 9, 413-414. | 0.4 | 0 |
| 127 | When is a "center" not a "center"? When it's "anatomically distributed" Prospects for a "diffuse REM center" (a "generator"). Behavioral and Brain Sciences, 1986, 9, 414-415. | 0.4 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 128 | Proposed model of postural atonia in a decerebrate cat. Behavioral and Brain Sciences, 1986, 9, 415-416. | 0.4 | 4 |
| 129 | Vasotocin: Neurohumoral control of the reciprocal-interaction model?. Behavioral and Brain Sciences, 1986, 9, 416-417. | 0.4 | 0 |
| 130 | On the significance of the revised reciprocal-interaction model. Behavioral and Brain Sciences, 1986, 9, 417-418. | 0.4 | 0 |
| 131 | Is there a choice in "Hobson's choice"? Behavioral and Brain Sciences, 1986, 9, 418-419. | 0.4 | 0 |
| 132 | The REM generator: Here, there, and everywhere?. Behavioral and Brain Sciences, 1986, 9, 419-420. | 0.4 | 0 |
| 133 | Location of the systems generating REM sleep: Lateral versus medial pons. Behavioral and Brain Sciences, 1986, 9, 420-421. | 0.4 | 1 |
| 134 | State control: Changing tools and language. Behavioral and Brain Sciences, 1986, 9, 421-423. | 0.4 | 0 |
| 135 | Ascending cholinergic and serotonergic control of the electrocorticogram: Do I see a ghost?. Behavioral and Brain Sciences, 1986, 9, 423-424. | 0.4 | 0 |
| 136 | Reciprocal interaction in sleep cycle control: Description, yes; explanation, no. Behavioral and Brain Sciences, 1986, 9, 424-425. | 0.4 | 0 |
| 137 | A new role for FTG neurons?. Behavioral and Brain Sciences, 1986, 9, 425-426. | 0.4 | 1 |
| 138 | When is a reflex not a reflex? The riddle of behavioral-state control. Behavioral and Brain Sciences, 1986, 9, 426-448. | 0.4 | 2 |
| 139 | On the importance of individual differences in hypnotic ability. Behavioral and Brain Sciences, 1986, 9, 468-469. | 0.4 | 2 |
| 140 | Nerve growth factor and Alzheimer's disease. Annals of Neurology, 1986, 20, 275-281. | 2.8 | 373 |
| 141 | The cholinergic innervation of the rat fascia dentata: Identification of target structures on granule cells by combining choline acetyltransferase immunocytochemistry and Golgi impregnation. Journal of Comparative Neurology, 1986, 243, 58-70. | 0.9 | 174 |
| 142 | Cholinergic and GABAergic afferents to the olfactory bulb in the rat with special emphasis on the projection neurons in the nucleus of the horizontal limb of the diagonal band. Journal of Comparative Neurology, 1986, 243, 488-509. | 0.9 | 357 |
| 143 | A correlated light and electron microscopic immunocytochemical study of cholinergic terminals and neurons in the rat amygdaloid body with special emphasis on the basolateral amygdaloid nucleus. Journal of Comparative Neurology, 1986, 244, 121-136. | 0.9 | 84 |
| 144 | Retrograde transport of fluorescent tracers reveals extensive ipsi- and contralateral claustricortical connections in the rat. Journal of Comparative Neurology, 1986, 246, 467-477. | 0.9 | 83 |
| 145 | Cytoarchitecture, fiber connections, and some histochemical aspects of the interpeduncular nucleus in the rat. Journal of Comparative Neurology, 1986, 249, 65-102. | 0.9 | 190 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 146 | The distribution of choline acetyltransferase in the rat amygdaloid complex and adjacent cortical areas, as determined by quantitative micro-assay and immunohistochemistry. <i>Journal of Comparative Neurology</i> , 1986, 249, 486-498. | 0.9 | 59 |
| 147 | Ultrastructural organization of choline acetyltransferase-immunoreactive fibres innervating the neocortex from embryonic ventral forebrain grafts. <i>Journal of Comparative Neurology</i> , 1986, 250, 192-205. | 0.9 | 126 |
| 148 | GABAergic input to cholinergic forebrain neurons: An ultrastructural study using retrograde tracing of HRP and double immunolabeling. <i>Journal of Comparative Neurology</i> , 1986, 250, 282-295. | 0.9 | 253 |
| 149 | Cholinergic innervation of the cat striate cortex: A choline acetyltransferase immunocytochemical analysis. <i>Journal of Comparative Neurology</i> , 1986, 250, 324-338. | 0.9 | 95 |
| 150 | Histochemical and architectonic differentiation of zones of pretectal and collicular inputs to the pulvinar and dorsal lateral geniculate nuclei in the macaque. <i>Journal of Comparative Neurology</i> , 1986, 250, 431-448. | 0.9 | 35 |
| 151 | Cholinergic neurons of the laterodorsal tegmental nucleus: Efferent and afferent connections. <i>Journal of Comparative Neurology</i> , 1986, 253, 277-302. | 0.9 | 410 |
| 152 | Organization of atriopeptin-like immunoreactive neurons in the central nervous system of the rat. <i>Journal of Comparative Neurology</i> , 1986, 253, 315-341. | 0.9 | 187 |
| 153 | A cholinergic projection to the rat superior colliculus demonstrated by retrograde transport of horseradish peroxidase and choline acetyltransferase immunohistochemistry. <i>Journal of Comparative Neurology</i> , 1986, 253, 525-538. | 0.9 | 235 |
| 154 | Pallidal neurons in the rat. <i>Journal of Comparative Neurology</i> , 1986, 254, 209-227. | 0.9 | 52 |
| 155 | Acetylcholinesterase activity and type C synapses in the hypoglossal, facial and spinal-cord motor nuclei of rats. <i>Histochemistry</i> , 1986, 84, 515-524. | 1.9 | 53 |
| 156 | Cholinergic and non-cholinergic projections from the canine pontomesencephalic tegmentum (Ch5). <i>Journal of Comparative Neurology</i> , 1986, 254, 209-227. | 0.7 | 51 |
| 157 | Transneuronal transport of peroxidase-conjugated wheat germ agglutinin (WGA-HRP) from the olfactory epithelium to the brain of the adult rat. <i>Experimental Brain Research</i> , 1986, 63, 461-473. | 0.7 | 143 |
| 158 | Relation of brain regional physostigmine concentration to cholinesterase activity and acetylcholine and choline levels in rat. <i>Neurochemical Research</i> , 1986, 11, 1037-1048. | 1.6 | 61 |
| 159 | Acetylcholine induces burst firing in thalamic reticular neurones by activating a potassium conductance. <i>Nature</i> , 1986, 319, 402-405. | 13.7 | 366 |
| 160 | Parallel Postnatal Development of Choline Acetyltransferase Activity and Muscarinic Acetylcholine Receptors in the Rat Olfactory Bulb. <i>Journal of Neurochemistry</i> , 1986, 46, 671-680. | 2.1 | 30 |
| 161 | Effects of scopolamine and unilateral lesions of the basal forebrain on T-maze spatial discrimination and alternation in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1986, 24, 1353-1360. | 1.3 | 72 |
| 162 | Cholinergic neurons in the hippocampus. <i>Cell and Tissue Research</i> , 1986, 246, 293-301. | 1.5 | 101 |
| 163 | Cholinergic neurons and fibres in the rat visual cortex. <i>Journal of Neurocytology</i> , 1986, 15, 329-336. | 1.6 | 99 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 164 | Morphological characterization of cholinergic neurons in the horizontal limb of the diagonal band of Broca in the basal forebrain of the rat. <i>Journal of Neurocytology</i> , 1986, 15, 619-628. | 1.6 | 48 |
| 165 | Neurotransmitter-Selective Brain Lesions. , 1985, , 343-388. | | 9 |
| 166 | Sex-Dependent Differences in Estrogen Regulation of Choline Acetyltransferase Are Altered by Neonatal Treatments*. <i>Endocrinology</i> , 1986, 119, 874-878. | 1.4 | 67 |
| 167 | Effects of altered cholinergic function on working and reference memory in the rat. <i>Canadian Journal of Physiology and Pharmacology</i> , 1986, 64, 376-382. | 0.7 | 43 |
| 169 | Long-term neuropathological and neurochemical effects of nucleus basalis lesions in the rat. <i>Science</i> , 1987, 238, 952-956. | 6.0 | 168 |
| 170 | Developmental Regulation of Nicotinic Acetylcholine Receptors. <i>Annual Review of Neuroscience</i> , 1987, 10, 403-457. | 5.0 | 353 |
| 171 | Nerve growth factor treatment after brain injury prevents neuronal death. <i>Science</i> , 1987, 235, 214-216. | 6.0 | 935 |
| 172 | Actions of acetylcholine in the guinea pig and cat medial and lateral geniculate nuclei, in vitro.. <i>Journal of Physiology</i> , 1987, 392, 147-165. | 1.3 | 302 |
| 173 | Rats with nucleus basalis magnocellularis lesions mimic mnemonic symptomatology observed in patients with dementia of the Alzheimer's type.. <i>Behavioral Neuroscience</i> , 1987, 101, 451-456. | 0.6 | 40 |
| 174 | Chapter 16 Exogenous administration of neuronotrophic factors in vivo protects central nervous system neurons against axotomy induced degeneration. <i>Progress in Brain Research</i> , 1987, 71, 191-201. | 0.9 | 17 |
| 175 | Chapter 27 Grafts of fetal cholinergic neurons to the deafferented hippocampus. <i>Progress in Brain Research</i> , 1987, 71, 335-347. | 0.9 | 19 |
| 176 | Neuronal loss in the pedunculopontine tegmental nucleus in Parkinson disease and in progressive supranuclear palsy.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 5976-5980. | 3.3 | 499 |
| 177 | Antibodies in cerebrospinal fluid of some Alzheimer disease patients recognize cholinergic neurons in the rat central nervous system.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 9214-9218. | 3.3 | 69 |
| 179 | An analysis of cholecystokinin-induced increase in acetylcholine output from cerebral cortex of the rat. <i>Neuropharmacology</i> , 1987, 26, 1207-1210. | 2.0 | 17 |
| 180 | Effects of postnatal hypoxia-ischemia on cholinergic neurons in the developing rat forebrain: choline acetyltransferase immunocytochemistry. <i>Developmental Brain Research</i> , 1987, 34, 41-50. | 2.1 | 47 |
| 181 | The immunohistochemical localization of choline acetyltransferase in the cat brain. <i>Brain Research Bulletin</i> , 1987, 18, 371-415. | 1.4 | 185 |
| 182 | Synaptogenesis of Grafted Cholinergic Neurons. <i>Annals of the New York Academy of Sciences</i> , 1987, 495, 268-282. | 1.8 | 7 |
| 183 | Evidence for neocortical involvement in reference memory. <i>Behavioral and Neural Biology</i> , 1987, 47, 40-53. | 2.3 | 79 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 184 | Detailed projection patterns of septal and diagonal band efferents to the hippocampus in the rat with emphasis on innervation of CA1 and dentate gyrus. <i>Brain Research Bulletin</i> , 1987, 18, 533-545. | 1.4 | 192 |
| 185 | Morphology of cortically projecting basal forebrain neurons in the rat as revealed by intracellular iontophoresis of horseradish peroxidase. <i>Neuroscience</i> , 1987, 20, 637-651. | 1.1 | 48 |
| 186 | Locomotion-inducing sites in the vicinity of the pedunculopontine nucleus. <i>Brain Research Bulletin</i> , 1987, 18, 731-738. | 1.4 | 293 |
| 187 | Neuroblastoma cells in neural transplants: a neuroanatomical and behavioral analysis. <i>Brain Research</i> , 1987, 417, 85-98. | 1.1 | 116 |
| 188 | Choline and acetylcholine metabolism in slice cultures of the newborn rat septum. <i>Brain Research</i> , 1987, 405, 305-312. | 1.1 | 17 |
| 189 | Cholinergic and non-cholinergic neurons of cat basal forebrain project to reticular and mediodorsal thalamic nuclei. <i>Brain Research</i> , 1987, 408, 372-376. | 1.1 | 199 |
| 190 | Enkephalinergic-cholinergic interaction in the rat globus pallidus: a pre-embedding double-labeling immunocytochemistry study. <i>Brain Research</i> , 1987, 426, 197-203. | 1.1 | 41 |
| 191 | Cortical effects of neurotoxic damage to the nucleus basalis in rats: persistent loss of extrinsic cholinergic input and lack of transsynaptic effect upon the number of somatostatin-containing, cholinesterase-positive, and cholinergic cortical neurons. <i>Brain Research</i> , 1987, 417, 385-388. | 1.1 | 52 |
| 192 | Accumulation of circulating endogenous and exogenous immunoglobulins by hypothalamic magnocellular neurons. <i>Brain Research</i> , 1987, 423, 45-55. | 1.1 | 29 |
| 193 | Distribution of certain neuropeptides in the primate thalamus. <i>Brain Research</i> , 1987, 426, 270-289. | 1.1 | 50 |
| 194 | Cortical projection patterns of magnocellular basal nucleus subdivisions as revealed by anterogradely transported <i>Phaseolus vulgaris</i> leucoagglutinin. <i>Brain Research</i> , 1987, 413, 229-250. | 1.1 | 296 |
| 195 | Cholinergic innervation of the optic tectum in the frog <i>Rana pipiens</i> . <i>Brain Research</i> , 1987, 413, 344-349. | 1.1 | 65 |
| 196 | Local cholinergic mechanisms participate in the increase in cortical cerebral blood flow elicited by electrical stimulation of the fastigial nucleus in rat. <i>Brain Research</i> , 1987, 411, 212-225. | 1.1 | 49 |
| 197 | The cholinergic nuclei of the basal forebrain of the rat: normal structure, development and experimentally induced degeneration. <i>Brain Research</i> , 1987, 411, 310-331. | 1.1 | 158 |
| 198 | Morphologic features of embryonic neocortex grafts in adult rats following frontal cortical ablation. <i>Brain Research</i> , 1987, 401, 162-167. | 1.1 | 68 |
| 199 | Selectivity of pirenzepine in the central nervous system. III. Differential effects of multiple pirenzepine and scopolamine administrations on muscarinic receptors as measured autoradiographically. <i>Brain Research</i> , 1987, 407, 46-54. | 1.1 | 8 |
| 200 | AF64A (ethylcholine aziridinium ion), a cholinergic neurotoxin, selectively impairs working memory in a multiple component T-maze task. <i>Brain Research</i> , 1987, 414, 15-21. | 1.1 | 75 |
| 201 | A comparative study of the dopamine-acetylcholine interaction in telencephalic structures of the rat and of a reptile, the lizard <i>Gekko gekko</i> . <i>Brain Research</i> , 1987, 404, 273-281. | 1.1 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 202 | â€˜Non-specificâ€™ cholinesterase-containing neurons of the dorsal thalamus project to medial limbic cortex. Brain Research, 1987, 404, 282-292. | 1.1 | 23 |
| 203 | A cholinergic projection to the rat substantia nigra from the pedunculopontine tegmental nucleus. Brain Research, 1987, 412, 169-174. | 1.1 | 162 |
| 204 | Topographic projections to the visual cortex from the basal forebrain in the rat. Brain Research, 1987, 424, 205-215. | 1.1 | 58 |
| 205 | Lateralized function relationship between the preoptic area and lateral hypothalamic reinforcement. Brain Research, 1987, 436, 1-8. | 1.1 | 15 |
| 206 | The expression, localization and functional significance of β -nerve growth factor in the central nervous system. Brain Research Reviews, 1987, 12, 439-464. | 9.1 | 497 |
| 207 | Distribution of cholinergic neurons and fibers in the hypothalamus of the rat using choline acetyltransferase as a marker. Neuroscience, 1987, 20, 923-934. | 1.1 | 72 |
| 208 | Lesions of the posterior septum or of the habenula decrease [3H]hemicholinium-3 binding (as) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50. Neuroscience, 1987, 20, 339-344. | 1.0 | 7 |
| 209 | The laminar distribution of glutamate decarboxylase and choline acetyltransferase in the adult and developing visual cortex of the rat. Neuroscience, 1987, 21, 825-832. | 1.1 | 58 |
| 210 | Immunohistochemical evidence for the coexistence of cholinergic and catecholaminergic phenotypes in neurones of the vagal motor nucleus in the adult rat. Neuroscience Letters, 1987, 80, 141-146. | 1.0 | 26 |
| 211 | The effects of excitotoxic lesions of the substantia innominata, ventral and dorsal globus pallidus on the acquisition and retention of a conditional visual discrimination: Implications for cholinergic hypotheses of learning and memory. Neuroscience, 1987, 22, 441-469. | 1.1 | 181 |
| 212 | Quantitative light microscopic autoradiographic localization of cholinergic muscarinic receptors in the human brain: Forebrain. Neuroscience, 1987, 20, 65-107. | 1.1 | 142 |
| 213 | Cholinergic nucleus basalis neurons may influence the cortex via the thalamus. Neuroscience Letters, 1987, 74, 7-13. | 1.0 | 187 |
| 214 | Electrophysiology of ascending, possibly cholinergic neurons in the rat laterodorsal tegmental nucleus: comparison with monoamine neurons. Neuroscience Letters, 1987, 77, 277-282. | 1.0 | 38 |
| 215 | Loss and recovery of acetylcholinesterase molecular forms in the fornix-lesioned rat hippocampus. Neuroscience Letters, 1987, 79, 179-184. | 1.0 | 9 |
| 216 | Afferent connections of the nuclei reticularis pontis oralis and caudalis: A horseradish peroxidase study in the rat. Neuroscience, 1987, 20, 961-989. | 1.1 | 114 |
| 217 | Relation of pontine choline acetyltransferase immunoreactive neurons with cells which increase discharge during REM sleep. Brain Research Bulletin, 1987, 18, 447-455. | 1.4 | 61 |
| 218 | Evidence for a neurotransmitter function of acetylcholine in rabbit superior colliculus. Neuroscience, 1987, 23, 991-1000. | 1.1 | 21 |
| 219 | Behavioural, biochemical and histochemical effects of different neurotoxic amino acids injected into nucleus basalis magnocellularis of rats. Neuroscience, 1987, 20, 653-669. | 1.1 | 339 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 220 | Topographie relations of cholinergic and noradrenergic neurons in the feline pontomesencephalic tegmentum: An immunohistochemical study. <i>Brain Research Bulletin</i> , 1987, 19, 705-714. | 1.4 | 58 |
| 221 | A topographical analysis of the origin of some efferent projections from the lateral hypothalamic area in the rat. <i>Neuroscience</i> , 1987, 22, 537-551. | 1.1 | 74 |
| 222 | Synaptic organization of the cat entopeduncular nucleus with special reference to the relationship between the afferents to entopedunculothalamic projection neurons: An electron microscope study by a combined degeneration and horseradish peroxidase tracing technique. <i>Neuroscience</i> , 1987, 20, 797-816. | 1.1 | 23 |
| 223 | Topographic localization of neuromedin u-like structures in the rat brain: An immunohistochemical study. <i>Neuroscience</i> , 1987, 23, 1103-1122. | 1.1 | 54 |
| 224 | Innervation of substantia nigra neurons by cholinergic afferents from pedunclopontine nucleus in the rat: neuroanatomical and electrophysiological evidence. <i>Neuroscience</i> , 1987, 23, 1011-1019. | 1.1 | 185 |
| 225 | The deafferented reticular thalamic nucleus generates spindle rhythmicity. <i>Journal of Neurophysiology</i> , 1987, 57, 260-273. | 0.9 | 566 |
| 226 | Fine structure and synaptic connections of identified neurons in the rat fascia dentata. <i>Anatomy and Embryology</i> , 1987, 177, 1-14. | 1.5 | 89 |
| 227 | Retrograde labeling of neurons in the brain stem following injections of [3H]choline into the forebrain of the rat. <i>Experimental Brain Research</i> , 1987, 65, 437-48. | 0.7 | 73 |
| 228 | Distribution and characteristics of nerve growth factor binding on cholinergic neurons of rat and monkey forebrain. <i>Neurochemical Research</i> , 1987, 12, 923-928. | 1.6 | 46 |
| 229 | NGF effects on developing forebrain cholinergic neurons are regionally specific. <i>Neurochemical Research</i> , 1987, 12, 985-994. | 1.6 | 121 |
| 230 | Nerve growth factor protein level increases in the adult rat hippocampus after a specific cholinergic lesion. <i>Journal of Neuroscience Research</i> , 1987, 18, 525-531. | 1.3 | 64 |
| 231 | Distribution of choline acetyltransferase-immunoreactive neurons in the brain of a cyprinid teleost (<i>Phoxinus phoxinus</i> L.). <i>Journal of Comparative Neurology</i> , 1987, 256, 494-515. | 0.9 | 96 |
| 232 | Choline acetyltransferase immunoreactivity in the rat thalamus. <i>Journal of Comparative Neurology</i> , 1987, 257, 317-332. | 0.9 | 136 |
| 233 | Quantitative analysis of the choline acetyltransferase-immunoreactive axonal network in the cat primary visual cortex: I. Adult cats. <i>Journal of Comparative Neurology</i> , 1987, 258, 91-98. | 0.9 | 60 |
| 234 | The brainstem projection to the lateral geniculate nucleus in the cat: Identification of cholinergic and monoaminergic elements. <i>Journal of Comparative Neurology</i> , 1987, 259, 92-121. | 0.9 | 174 |
| 235 | Choline acetyltransferase-immunoreactive neurons and terminals in the rat septal complex: A combined light and electron microscopic study. <i>Journal of Comparative Neurology</i> , 1987, 259, 298-307. | 0.9 | 128 |
| 236 | Pedunclopontine tegmental nucleus of the rat: Cytoarchitecture, cytochemistry, and some extrapyramidal connections of the mesopontine tegmentum. <i>Journal of Comparative Neurology</i> , 1987, 259, 483-528. | 0.9 | 516 |
| 237 | Subset of neurons characterized by the presence of NADPH-diaphorase in human substantia innominata. <i>Journal of Comparative Neurology</i> , 1987, 260, 233-245. | 0.9 | 77 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 238 | Efferent projections of the subthalamic nucleus in the rat: Light and electron microscopic analysis with the PHA-L method. <i>Journal of Comparative Neurology</i> , 1987, 260, 435-452. | 0.9 | 534 |
| 239 | Distribution of acetylcholine and catecholamine neurons in the cat brainstem: A choline acetyltransferase and tyrosine hydroxylase immunohistochemical study. <i>Journal of Comparative Neurology</i> , 1987, 261, 15-32. | 0.9 | 275 |
| 240 | Cholinergic innervation of hippocampal GAD- and somatostatin-immunoreactive commissural neurons. <i>Journal of Comparative Neurology</i> , 1987, 261, 33-47. | 0.9 | 173 |
| 241 | Amygdaloid connections with posterior insular and temporal cortical areas in the rat. <i>Journal of Comparative Neurology</i> , 1987, 262, 59-77. | 0.9 | 161 |
| 242 | The origins of cholinergic and other subcortical afferents to the thalamus in the rat. <i>Journal of Comparative Neurology</i> , 1987, 262, 105-124. | 0.9 | 558 |
| 243 | Distribution and organization of cholinergic neurons in the rat forebrain demonstrated by computer-aided data acquisition and three-dimensional reconstruction. <i>Journal of Comparative Neurology</i> , 1987, 263, 309-325. | 0.9 | 112 |
| 244 | Ultrastructural analyses of afferent terminals in the subthalamic nucleus of the cat with a combined degeneration and horseradish peroxidase tracing method. <i>Journal of Comparative Neurology</i> , 1987, 265, 159-174. | 0.9 | 33 |
| 245 | Organisation of subcortical pathways for sensory projections to the limbic cortex. I. Subcortical projections to the medial limbic cortex in the rat. <i>Journal of Comparative Neurology</i> , 1987, 265, 175-188. | 0.9 | 91 |
| 246 | Overlap in the distribution of cholinergic and catecholaminergic neurons in the upper brainstem of the ferret. <i>Journal of Comparative Neurology</i> , 1987, 265, 581-592. | 0.9 | 24 |
| 247 | Nuclear origins of brainstem reticulocortical systems in the rat. <i>American Journal of Anatomy</i> , 1987, 178, 279-299. | 0.9 | 24 |
| 248 | Loss of pedunclopontine neurons in progressive supranuclear palsy. <i>Annals of Neurology</i> , 1987, 22, 18-25. | 2.8 | 181 |
| 249 | Age-related shrinkage of cortically projecting cholinergic neurons: A selective effect. <i>Annals of Neurology</i> , 1987, 22, 31-36. | 2.8 | 104 |
| 250 | Molecular biology and neurobiology of choline acetyltransferase. <i>Molecular Neurobiology</i> , 1987, 1, 247-280. | 1.9 | 24 |
| 251 | Role of Immunology in Defining Transmitter-Specific Neurons. <i>Immunological Reviews</i> , 1987, 100, 279-306. | 2.8 | 7 |
| 252 | Neurofibrillary tangles in cholinergic pedunclopontine neurons in Alzheimer's disease. <i>Annals of Neurology</i> , 1988, 24, 623-629. | 2.8 | 90 |
| 253 | Comparison of nerve growth factor's effects on development of septum, striatum, and nucleus basalis cholinergic neurons in vitro. <i>Journal of Neuroscience Research</i> , 1988, 21, 352-364. | 1.3 | 127 |
| 254 | Development of cholinergic pedunclopontine neurons in vitro: Comparison with Cholinergic septal cells and response to nerve growth factor, ciliary neurotrophic factor, and retinoic acid. <i>Journal of Neuroscience Research</i> , 1988, 21, 365-375. | 1.3 | 58 |
| 255 | Brainstem afferents to the magnocellular basal forebrain studied by axonal transport, immunohistochemistry, and electrophysiology in the rat. <i>Journal of Comparative Neurology</i> , 1988, 267, 433-453. | 0.9 | 266 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 256 | Time of origin of cholinergic neurons in the rat basal forebrain. <i>Journal of Comparative Neurology</i> , 1988, 269, 87-95. | 0.9 | 149 |
| 257 | Immunocytochemical localization of peptides and other neurochemicals in the rat laterodorsal tegmental nucleus and adjacent area. <i>Journal of Comparative Neurology</i> , 1988, 270, 243-270. | 0.9 | 153 |
| 258 | Distribution and some projections of cholinergic neurons in the brain of the common marmoset, <i>Callithrix jacchus</i> . <i>Journal of Comparative Neurology</i> , 1988, 271, 533-558. | 0.9 | 109 |
| 259 | Cholinergic projections from the midbrain reticular formation and the parabigeminal nucleus to the lateral geniculate nucleus in the tree shrew. <i>Journal of Comparative Neurology</i> , 1988, 272, 43-67. | 0.9 | 58 |
| 260 | Distribution of cells containing mRNAs encoding substance P and neurokinin B in the rat central nervous system. <i>Journal of Comparative Neurology</i> , 1988, 272, 90-113. | 0.9 | 310 |
| 261 | Morphology of neurons in the basal forebrain nuclei of the rat: A Golgi study. <i>Journal of Comparative Neurology</i> , 1988, 272, 461-474. | 0.9 | 41 |
| 262 | GABA-immunoreactive synaptic boutons in the rat basal forebrain: Comparison of neurons that project to the neocortex with pallidosubthalamic neurons. <i>Journal of Comparative Neurology</i> , 1988, 273, 263-282. | 0.9 | 127 |
| 263 | Colocalization of fixative-modified glutamate and glutaminase but not GAD in rubrospinal neurons. <i>Journal of Comparative Neurology</i> , 1988, 274, 265-279. | 0.9 | 22 |
| 264 | Ascending projections from the pedunclopontine tegmental nucleus and the adjacent mesopontine tegmentum in the rat. <i>Journal of Comparative Neurology</i> , 1988, 274, 483-515. | 0.9 | 325 |
| 265 | Cholinergic neurons in the brain of a teleost fish (<i>Porichthys notatus</i>) located with a monoclonal antibody to choline acetyltransferase. <i>Journal of Comparative Neurology</i> , 1988, 275, 87-105. | 0.9 | 109 |
| 266 | Nucleus basalis (Ch4) and cortical cholinergic innervation in the human brain: Observations based on the distribution of acetylcholinesterase and choline acetyltransferase. <i>Journal of Comparative Neurology</i> , 1988, 275, 216-240. | 0.9 | 478 |
| 267 | Local synaptic organization of cholinergic neurons in the basolateral hypothalamus. <i>Journal of Comparative Neurology</i> , 1988, 276, 157-168. | 0.9 | 35 |
| 268 | Basal forebrain cholinergic and noncholinergic projections to the thalamus and brainstem in cats and monkeys. <i>Journal of Comparative Neurology</i> , 1988, 277, 281-301. | 0.9 | 164 |
| 269 | Neural associations of the substantia innominata in the rat: Afferent connections. <i>Journal of Comparative Neurology</i> , 1988, 277, 315-346. | 0.9 | 255 |
| 270 | Efferent connections of the substantia innominata in the rat. <i>Journal of Comparative Neurology</i> , 1988, 277, 347-364. | 0.9 | 218 |
| 271 | Fetal neocortical transplants grafted to the cerebral cortex of newborn rats receive afferents from the basal forebrain, locus coeruleus and midline raphe. <i>Experimental Brain Research</i> , 1988, 69, 613-22. | 0.7 | 65 |
| 272 | Topographic projections from the basal ganglia to the nucleus tegmenti pedunclopontinus pars compacta of the cat with special reference to pallidal projections. <i>Experimental Brain Research</i> , 1988, 71, 298-306. | 0.7 | 63 |
| 273 | Cholinergic neurons containing GABA-like and/or glutamic acid decarboxylase-like immunoreactivities in various brain regions of the rat. <i>Experimental Brain Research</i> , 1988, 70, 605-17. | 0.7 | 302 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 274 | The cholinergic innervation of the rat substantia nigra: a light and electron microscopic immunohistochemical study. <i>Experimental Brain Research</i> , 1988, 72, 178-184. | 0.7 | 98 |
| 275 | Coexistence of GABA-and choline acetyltransferase (ChAT)-like immunoreactivity in the hypoglossal nucleus of the rat. <i>Histochemistry</i> , 1988, 89, 25-33. | 1.9 | 35 |
| 276 | Basic fibroblast growth factor prevents death of lesioned cholinergic neurons in vivo. <i>Nature</i> , 1988, 332, 360-361. | 13.7 | 609 |
| 277 | Regional Levels of Neurotransmitter Markers in the Pigeon Telencephalon: A Comparison with Possibly Homologous Areas of the Rat Telencephalon. <i>Journal of Neurochemistry</i> , 1988, 50, 1731-1737. | 2.1 | 10 |
| 278 | Characterization of N-[3H]Methylcarbamylocholine Binding Sites and Effect of N-Methylcarbamylocholine on Acetylcholine Release in Rat Brain. <i>Journal of Neurochemistry</i> , 1988, 51, 292-299. | 2.1 | 122 |
| 279 | Cholinergic antagonists in ventral tegmentum elevate thresholds for lateral hypothalamic and brainstem self-stimulation. <i>Pharmacology Biochemistry and Behavior</i> , 1988, 31, 547-559. | 1.3 | 42 |
| 280 | Evolution of neurotransmitter-related markers in the vertebrate telencephalon. comparative microchemical study in discrete brain regions of a frog and a turtle. <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1988, 89, 241-248. | 0.2 | 6 |
| 281 | Locomotor hyperactivity in the rat after infusion of muscimol and [d-Ala2]Met-enkephalin into the nucleus basalis magnocellularis. Possible interaction with cortical cholinergic projections. <i>Brain Research</i> , 1988, 452, 203-211. | 1.1 | 37 |
| 282 | Neuropeptides and neuropathology in the amygdala in Alzheimer's disease: relationship between somatostatin, neuropeptide Y and subregional distribution of neuritic plaques. <i>Brain Research</i> , 1988, 452, 293-302. | 1.1 | 49 |
| 283 | The effect of concussive head injury on central cholinergic neurons. <i>Brain Research</i> , 1988, 452, 303-311. | 1.1 | 76 |
| 284 | Memory disturbances following ibotenic acid injections in the nucleus basalis magnocellularis of the rat. <i>Brain Research</i> , 1988, 455, 213-222. | 1.1 | 35 |
| 285 | Nucleus cuneiformis and pain modulation: anatomy and behavioral pharmacology. <i>Brain Research</i> , 1988, 453, 89-102. | 1.1 | 82 |
| 286 | Electrophysiological and pharmacological properties of neurons within solid basal forebrain transplants in the rat brain. <i>Brain Research</i> , 1988, 460, 8-16. | 1.1 | 4 |
| 287 | Neurotoxic lesions of the dorsolateral pontomesencephalic tegmentum-cholinergic cell area in the cat. II. Effects upon sleep-waking states. <i>Brain Research</i> , 1988, 458, 285-302. | 1.1 | 428 |
| 288 | Topographic, non-collateralized basal forebrain projections to amygdala, hippocampus, and anterior cingulate cortex in the rhesus monkey. <i>Brain Research</i> , 1988, 463, 133-139. | 1.1 | 62 |
| 289 | The effect of cocaine on hippocampal cholinergic and noradrenergic metabolism. <i>Brain Research</i> , 1988, 457, 383-385. | 1.1 | 19 |
| 290 | Neurotoxic lesions of the dorsolateral pontomesencephalic tegmentum-cholinergic cell area in the cat. I. Effects upon the cholinergic innervation of the brain. <i>Brain Research</i> , 1988, 451, 13-32. | 1.1 | 82 |
| 291 | Modulation of locomotor activity induced by injections of carbachol into the tegmental pedunculopontine nucleus and adjacent areas in the rat. <i>Brain Research</i> , 1988, 451, 119-125. | 1.1 | 57 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 292 | Cholinergic projections from the laterodorsal and pedunclopontine tegmental nuclei to the pontine gigantocellular tegmental field in the cat. <i>Brain Research</i> , 1988, 451, 397-402. | 1.1 | 237 |
| 293 | Neuronal and endothelial sites of acetylcholine synthesis and release associated with microvessels in rat cerebral cortex: ultrastructural and neurochemical studies. <i>Brain Research</i> , 1988, 454, 11-30. | 1.1 | 72 |
| 294 | Separate non-cholinergic descending projections and cholinergic ascending projections from the nucleus tegmenti pedunclopontinus. <i>Brain Research</i> , 1988, 445, 386-391. | 1.1 | 61 |
| 295 | The effect of cholinergic stimulation in the nucleus accumbens on locomotor behavior. <i>Brain Research</i> , 1988, 441, 209-214. | 1.1 | 57 |
| 296 | The role of basal forebrain in the primary cholinergic vasodilation in rat neocortex produced by systemic administration of cismethrin. <i>Brain Research</i> , 1988, 450, 364-368. | 1.1 | 15 |
| 297 | Nerve growth factor receptors in the central nervous system. <i>Experimental Neurology</i> , 1988, 102, 354-365. | 2.0 | 101 |
| 298 | High affinity binding of [3H] (α^{\sim})-nicotine to rat brain membranes and its inhibition by analogues of nicotine. <i>Neuropharmacology</i> , 1988, 27, 235-241. | 2.0 | 88 |
| 299 | Regional distribution of ubiquinones and tocopherols in the mouse brain: Lowest content of ubiquinols in the substantia nigra. <i>Neuropharmacology</i> , 1988, 27, 1077-1080. | 2.0 | 23 |
| 300 | Reinforcing properties of substance P in the region of the nucleus basalis magnocellularis in rats. <i>Neuropharmacology</i> , 1988, 27, 749-756. | 2.0 | 46 |
| 301 | Effects of oxotremorine on neuronal RNA and chromatin in thalamic cholinceptive sites. <i>Journal of the Neurological Sciences</i> , 1988, 86, 159-169. | 0.3 | 0 |
| 302 | Regional difference in the kinetics of choline acetyltransferase in brains of neurologically normal elderly people and those with Alzheimer-type dementia. <i>Journal of the Neurological Sciences</i> , 1988, 84, 141-146. | 0.3 | 9 |
| 303 | Acetylcholine responses in synaptically active neurons in mouse ventral mesencephalon cultures. <i>Developmental Brain Research</i> , 1988, 39, 217-223. | 2.1 | 1 |
| 304 | Neonatal enucleations reduce specific activity of acetylcholinesterase but not choline acetyltransferase in developing rat visual cortex. <i>Developmental Brain Research</i> , 1988, 39, 298-302. | 2.1 | 22 |
| 305 | Investigations of the origins of transient acetylcholinesterase activity in developing rat visual cortex. <i>Developmental Brain Research</i> , 1988, 41, 1-23. | 2.1 | 77 |
| 306 | An anatomical study of cholinergic innervation in rat cerebral cortex. <i>Neuroscience</i> , 1988, 25, 457-474. | 1.1 | 391 |
| 307 | The release of endogenous acetylcholine from the medial septum/diagonal band of rat brain. <i>Neuroscience Letters</i> , 1988, 93, 85-90. | 1.0 | 13 |
| 308 | Unilateral and bilateral nucleus basalis lesions: Differences in neurochemical and behavioural recovery. <i>Neuroscience</i> , 1988, 24, 209-215. | 1.1 | 71 |
| 309 | Changes in Regional Brain Acetylcholine Content in Rats Following Unilateral and Bilateral Brainstem Lesions. <i>Journal of Neurotrauma</i> , 1988, 5, 69-79. | 1.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 310 | Effects of scopolamine on performance of rats in a delayed-response radial maze task. <i>Physiology and Behavior</i> , 1988, 43, 403-409. | 1.0 | 32 |
| 311 | Place navigation in rats is impaired by lesions of medial septum and diagonal band but not nucleus basalis magnocellularis. <i>Behavioural Brain Research</i> , 1988, 27, 9-20. | 1.2 | 413 |
| 312 | Differential hippocampal and cortical cholinergic activation during the acquisition, retention, reversal and extinction of a spatial discrimination in an 8-arm radial maze by mice. <i>Behavioural Brain Research</i> , 1988, 30, 225-234. | 1.2 | 72 |
| 313 | Non-cholinergic basal forebrain neurons project to the contralateral basal forebrain in the rat. <i>Neuroscience Letters</i> , 1988, 84, 23-28. | 1.0 | 26 |
| 314 | New perspectives in basal forebrain organization of special relevance for neuropsychiatric disorders: The striatopallidal, amygdaloid, and corticopetal components of substantia innominata. <i>Neuroscience</i> , 1988, 27, 1-39. | 1.1 | 1,214 |
| 315 | Brainstem afferents to the basal forebrain in the rat. <i>Neuroscience</i> , 1988, 24, 907-935. | 1.1 | 197 |
| 316 | Interactions between cholinergic and peptidergic systems in the cerebral cortex and hippocampus. <i>Progress in Neurobiology</i> , 1988, 31, 109-148. | 2.8 | 43 |
| 317 | Afferent projections to the dorsal thalamus of the rat as shown by retrograde lectin transport ¹ . The mediodorsal nucleus. <i>Neuroscience</i> , 1988, 24, 1035-1049. | 1.1 | 120 |
| 318 | Projections of cholinergic and non-cholinergic neurons of the brainstem core to relay and associational thalamic nuclei in the cat and macaque monkey. <i>Neuroscience</i> , 1988, 25, 47-67. | 1.1 | 404 |
| 319 | Neuropeptides and septo-hippocampal neurons: Electrophysiological effects and distributions of immunoreactivity. <i>Peptides</i> , 1988, 9, 1351-1359. | 1.2 | 27 |
| 320 | Observations on choline acetyltransferase containing structures in the CD-1 mouse brain. <i>Neuroscience Letters</i> , 1988, 84, 7-12. | 1.0 | 36 |
| 321 | Basal forebrain neurons project to the cortical mantle of the European hedgehog (<i>Erinaceus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 1.0 | 10 |
| 322 | Reevaluation of the contribution of the basal forebrain cholinergic system to memory. <i>Neurobiology of Aging</i> , 1988, 9, 609-616. | 1.5 | 116 |
| 323 | Organization of the afferent connections of the mediodorsal thalamic nucleus in the rat, related to the mediodorsal-prefrontal topography. <i>Neuroscience</i> , 1988, 24, 379-431. | 1.1 | 758 |
| 324 | Afferent projections to the parafascicular thalamic nucleus of the rat, as shown by the retrograde transport of wheat germ agglutinin. <i>Brain Research Bulletin</i> , 1988, 20, 139-150. | 1.4 | 83 |
| 325 | Mediodorsal and reticular thalamic nuclei receive collateral axons from prefrontal cortex and laterodorsal tegmental nucleus in the rat. <i>Neuroscience Letters</i> , 1988, 88, 121-126. | 1.0 | 33 |
| 326 | Presynaptic M1 muscarinic receptor modulates spontaneous release of acetylcholine from rat basal forebrain slices. <i>Neuroscience Letters</i> , 1988, 84, 209-212. | 1.0 | 54 |
| 327 | Projections of brainstem core cholinergic and non-cholinergic neurons of cat to intralaminar and reticular thalamic nuclei. <i>Neuroscience</i> , 1988, 25, 69-86. | 1.1 | 299 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 328 | Loss of neurons in the rat basal forebrain cholinergic projection system after prolonged intake of ethanol. <i>Brain Research Bulletin</i> , 1988, 21, 563-569. | 1.4 | 226 |
| 329 | Immunohistochemical localization of cells containing nerve growth factor receptors in the different regions of the adult rat forebrain. <i>Neuroscience</i> , 1988, 27, 731-748. | 1.1 | 101 |
| 330 | Cerebral Activity and Behavior: Control by Central Cholinergic and Serotonergic Systems. <i>International Review of Neurobiology</i> , 1988, 30, 225-340. | 0.9 | 423 |
| 331 | Neuronal changes in fetal cortex transplanted to ischemic adult rat cortex. <i>Journal of Neurosurgery</i> , 1988, 69, 904-912. | 0.9 | 32 |
| 332 | Nucleus basalis magnocellularis lesions: Lack of biochemical and immunocytochemical recovery and effect of cholinesterase inhibitors on passive avoidance.. <i>Behavioral Neuroscience</i> , 1988, 102, 852-860, 997. | 0.6 | 44 |
| 333 | Nerve growth factor increases mRNA levels for the prion protein and the beta-amyloid protein precursor in developing hamster brain.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 9811-9815. | 3.3 | 245 |
| 334 | Neurophysiology of magnocellular forebrain inputs to the olfactory bulb in the rat: frequency potentiation of field potentials and inhibition of output neurons. <i>Journal of Neuroscience</i> , 1988, 8, 4492-4502. | 1.7 | 65 |
| 335 | Development of septal cholinergic neurons in culture: plating density and glial cells modulate effects of NGF on survival, fiber growth, and expression of transmitter-specific enzymes. <i>Journal of Neuroscience</i> , 1988, 8, 2967-2985. | 1.7 | 325 |
| 336 | An atlas of a rare neuronal surface antigen in the rat central nervous system. <i>Journal of Neuroscience</i> , 1988, 8, 3035-3056. | 1.7 | 43 |
| 337 | Two anatomically specific classes of candidate cholinceptive neurons in the rat olfactory bulb. <i>Journal of Neuroscience</i> , 1988, 8, 4482-4491. | 1.7 | 62 |
| 338 | Distribution of Choline Acetyltransferase Immunoreactive Somata in the Feline Brainstem: Implications for REM Sleep Generation. <i>Sleep</i> , 1988, 11, 1-16. | 0.6 | 91 |
| 339 | The functional states of the thalamus and the associated neuronal interplay.. <i>Physiological Reviews</i> , 1988, 68, 649-742. | 13.1 | 1,558 |
| 340 | Alcoholism, Korsakoff's Syndrome and the Frontal Lobes. <i>Behavioural Neurology</i> , 1989, 2, 25-38. | 1.1 | 7 |
| 341 | Preserved spatial coding in hippocampal CA1 pyramidal cells during reversible suppression of CA3c output: evidence for pattern completion in hippocampus. <i>Journal of Neuroscience</i> , 1989, 9, 3915-3928. | 1.7 | 205 |
| 342 | Developing cholinergic basal forebrain neurons are sensitive to thyroid hormone. <i>Journal of Neuroscience</i> , 1989, 9, 3347-3358. | 1.7 | 110 |
| 343 | Optimal Parameters for the Histochemical Demonstration of Acetylcholinesterase in Plastic Sections of Rat Brain. <i>Biotechnic & Histochemistry</i> , 1989, 64, 175-180. | 0.4 | 2 |
| 344 | Mapping neuronal inputs to REM sleep induction sites with carbachol-fluorescent microspheres. <i>Science</i> , 1989, 245, 984-986. | 6.0 | 97 |
| 345 | Septal α -noradrenergic antagonism in vivo blocks the testing-induced activation of septo-hippocampal cholinergic neurones and produces a concomitant deficit in working memory performance of mice. <i>Pharmacology Biochemistry and Behavior</i> , 1989, 34, 553-558. | 1.3 | 36 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 346 | New perspectives on the functional anatomical organization of the basolateral amygdala. <i>Acta Neurologica Scandinavica</i> , 1989, 79, 1-28. | 1.0 | 34 |
| 347 | THE NUCLEUS BASALIS OF MEYNERT IN PARKINSONISM&acaron;“DEMENTIA OF GUAM: A MORPHOMETRIC STUDY. <i>Neuropathology and Applied Neurobiology</i> , 1989, 15, 193-206. | 1.8 | 8 |
| 348 | Organization and synaptic interconnections of GABAergic and cholinergic elements in the rat amygdaloid nuclei: Single- and double- immunolabeling studies. <i>Journal of Comparative Neurology</i> , 1989, 279, 470-488. | 0.9 | 94 |
| 349 | Telencephalic cholinergic system of the new world monkey (<i>Cebus apella</i>): Morphological and cytoarchitectonic assessment and analysis of the projection to the amygdala. <i>Journal of Comparative Neurology</i> , 1989, 279, 528-545. | 0.9 | 60 |
| 350 | Cholinergic innervation of the monkey amygdala: An immunohistochemical analysis with antisera to choline acetyltransferase. <i>Journal of Comparative Neurology</i> , 1989, 281, 337-361. | 0.9 | 148 |
| 351 | Origin of ascending and spinal pathways from the nucleus tegmenti pedunculopontinus in the rat. <i>Journal of Comparative Neurology</i> , 1989, 283, 13-27. | 0.9 | 119 |
| 352 | Human reticular formation: Cholinergic neurons of the pedunculopontine and laterodorsal tegmental nuclei and some cytochemical comparisons to forebrain cholinergic neurons. <i>Journal of Comparative Neurology</i> , 1989, 283, 611-633. | 0.9 | 287 |
| 353 | Cholinergic innervation of the superior colliculus in the cat. <i>Journal of Comparative Neurology</i> , 1989, 287, 495-514. | 0.9 | 144 |
| 354 | Ontogeny of cholinergic neurons in the mouse forebrain. <i>Journal of Comparative Neurology</i> , 1989, 288, 101-122. | 0.9 | 98 |
| 355 | Cholinergic and monoaminergic innervation of the cat's thalamus: Comparison of the lateral geniculate nucleus with other principal sensory nuclei. <i>Journal of Comparative Neurology</i> , 1989, 288, 647-675. | 0.9 | 125 |
| 356 | Organization of the septal region in the rat brain: Cholinergic-GABAergic interconnections and the termination of hippocampo-septal fibers. <i>Journal of Comparative Neurology</i> , 1989, 289, 304-314. | 0.9 | 210 |
| 357 | The pedunculopontine nucleus in Parkinson's disease. <i>Annals of Neurology</i> , 1989, 26, 41-46. | 2.8 | 350 |
| 358 | Galanin-like immunoreactivity within Ch2 neurons in the vertical limb of the diagonal band of Broca in aging and Alzheimer's disease. <i>Acta Neuropathologica</i> , 1989, 78, 90-95. | 3.9 | 23 |
| 359 | Lamellar bodies are markers of cholinergic neurons in ferret nucleus basalis. <i>Journal of Neurocytology</i> , 1989, 18, 95-103. | 1.6 | 11 |
| 360 | Tachykinin immunoreactivity in terminals of trigeminal afferent fibers in adult and fetal monkey thalamus. <i>Experimental Brain Research</i> , 1989, 78, 479-88. | 0.7 | 11 |
| 361 | The cholinergic innervation of the rat cerebral cortex shows two distinct phases in development. <i>Experimental Brain Research</i> , 1989, 76, 417-23. | 0.7 | 47 |
| 362 | Unitary characteristics of presumptive cholinergic tegmental neurons during the sleep-waking cycle in freely moving cats. <i>Experimental Brain Research</i> , 1989, 76, 519-529. | 0.7 | 350 |
| 363 | The development of basal forebrain projections to the rat visual cortex. <i>Experimental Brain Research</i> , 1989, 76, 563-571. | 0.7 | 48 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 364 | Substantia nigra 6-hydroxydopamine lesions alter dopaminergic synaptic markers in the nucleus basalis magnocellularis and striatum of rats. <i>Synapse</i> , 1989, 4, 248-253. | 0.6 | 15 |
| 365 | Excitatory amino acid treatment of the ventromedial globus pallidus enhances dopamine utilization in the prefrontal cortex of the rat via the thalamic mediodorsal nucleus. <i>Synapse</i> , 1989, 4, 294-304. | 0.6 | 3 |
| 366 | Hippocampal Membranes Contain a Neurotrophic Activity That Stimulates Cholinergic Properties of Fetal Rat Septal Neurons Cultured Under Serum-Free Conditions. <i>Journal of Neurochemistry</i> , 1989, 52, 952-961. | 2.1 | 16 |
| 367 | Monoclonal Anti-Conjugated Acetylcholine Antibody and Immunohistochemical Applications in Rat Nervous System. <i>Journal of Neurochemistry</i> , 1989, 53, 383-391. | 2.1 | 14 |
| 368 | Brainstem projecting neurons in the rat basal forebrain: Neurochemical, topographical, and physiological distinctions from cortically projecting cholinergic neurons. <i>Brain Research Bulletin</i> , 1989, 22, 501-509. | 1.4 | 57 |
| 369 | Cholinergic system and memory in the rat: Effects of chronic ethanol, embryonic basal forebrain brain transplants and excitotoxic lesions of cholinergic basal forebrain projection system. <i>Neuroscience</i> , 1989, 33, 435-462. | 1.1 | 311 |
| 370 | Basic fibroblast growth factor promotes In vitro survival and cholinergic development of rat septal neurons: Comparison with the effects of nerve growth factor. <i>Neuroscience</i> , 1989, 31, 649-661. | 1.1 | 140 |
| 371 | Central cholinergic pathways and learning and memory processes: Presynaptic aspects. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1989, 93, 273-280. | 0.7 | 56 |
| 372 | Developmental regulation of nerve growth factor and its receptor in the rat caudate-putamen. <i>Neuron</i> , 1989, 3, 655-664. | 3.8 | 133 |
| 373 | An atlas of the regional and laminar distribution of choline acetyltransferase immunoreactivity in rat cerebral cortex. <i>Neuroscience</i> , 1989, 28, 291-336. | 1.1 | 227 |
| 374 | The mesencephalic centre controlling locomotion in the rat. <i>Neuroscience</i> , 1989, 28, 149-157. | 1.1 | 74 |
| 375 | Limited neocortical devascularizing lesions causing deficits in memory retention and choline acetyltransferase activity—effects of the monosialoganglioside GM1. <i>Neuroscience</i> , 1989, 31, 63-76. | 1.1 | 43 |
| 376 | Acetylcholinesterase on the dendrites of central cholinergic neurons: An electron microscopical study in the ferret. <i>Neuroscience</i> , 1989, 28, 95-108. | 1.1 | 13 |
| 377 | Cholinergic and noradrenergic denervations decrease labelled purine release from electrically stimulated rat cortical slices. <i>Neuroscience</i> , 1989, 32, 629-636. | 1.1 | 11 |
| 378 | Direct synaptic contacts of medial septal efferents with somatostatin immunoreactive neurons in the rat hippocampus. <i>Brain Research Bulletin</i> , 1989, 22, 993-1001. | 1.4 | 21 |
| 379 | Distribution of monoaminergic, cholinergic, and GABAergic markers in the human cerebral cortex. <i>Neuroscience</i> , 1989, 29, 251-259. | 1.1 | 102 |
| 380 | Localization of nerve growth factor receptors in the normal human brain and in Alzheimer's disease. <i>Neurobiology of Aging</i> , 1989, 10, 75-87. | 1.5 | 172 |
| 381 | Afferents to the basal forebrain cholinergic cell area from pontomesencephalic catecholamine, serotonin, and acetylcholine neurons. <i>Neuroscience</i> , 1989, 31, 37-61. | 1.1 | 495 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 382 | Cortical projection of giant neostriatal neurons in the cat. Light and electron microscopic horseradish peroxidase study. <i>Brain Research Bulletin</i> , 1989, 22, 489-499. | 1.4 | 15 |
| 383 | Choline acetyltransferase-like immunoreactivity in the hippocampal formation of control subjects and patients with Alzheimer's disease. <i>Neuroscience</i> , 1989, 32, 701-714. | 1.1 | 71 |
| 384 | Effects of nerve growth factor and GM1 ganglioside on the number and size of cholinergic neurons in rats with unilateral lesion of the nucleus basalis. <i>Neuroscience Letters</i> , 1989, 103, 87-91. | 1.0 | 34 |
| 385 | Acetylcholinesterase stain intensity variation in the rat dentate gyrus: A quantitative description based on digital image analysis. <i>Neuroscience</i> , 1989, 33, 203-221. | 1.1 | 6 |
| 386 | Intraseptal administration of muscimol produces dose-dependent memory impairments in the rat. <i>Behavioral and Neural Biology</i> , 1989, 52, 357-369. | 2.3 | 149 |
| 387 | Pedunculopontine tegmental nucleus-induced inhibition of muscle activity in the rat. <i>Behavioural Brain Research</i> , 1989, 34, 213-234. | 1.2 | 52 |
| 388 | Comparative effects of ibotenic acid- and quisqualic acid-induced lesions of the substantia innominata on attentional function in the rat: further implications for the role of the cholinergic neurons of the nucleus basalis in cognitive processes. <i>Behavioural Brain Research</i> , 1989, 35, 221-240. | 1.2 | 404 |
| 389 | Neurogenesis of basal forebrain cholinergic neurons in rat. <i>Developmental Brain Research</i> , 1989, 47, 81-92. | 2.1 | 77 |
| 390 | Basal forebrain neurons undergo somatal and dendritic remodeling during postnatal development: a single-section Golgi and choline acetyltransferase analysis. <i>Developmental Brain Research</i> , 1989, 46, 297-302. | 2.1 | 47 |
| 391 | Induction of the c-fos gene product in rat forebrain following cortical lesions and NGF injections. <i>Neuroscience Letters</i> , 1989, 100, 117-122. | 1.0 | 81 |
| 392 | Cortical blood flow increases induced by stimulation of the substantia innominata in the unanesthetized rat. <i>Brain Research</i> , 1989, 491, 1-14. | 1.1 | 99 |
| 393 | Detection of an atropine-resistant component of the hippocampal theta rhythm in urethane-anesthetized rats. <i>Brain Research</i> , 1989, 500, 55-60. | 1.1 | 49 |
| 394 | Intracellular analysis of excitatory subthalamic inputs to the pedunculopontine neurons. <i>Brain Research</i> , 1989, 488, 57-72. | 1.1 | 43 |
| 395 | Localization of interleukin-2 immunoreactivity and interleukin-2 receptors in the rat brain: interaction with the cholinergic system. <i>Brain Research</i> , 1989, 498, 257-266. | 1.1 | 173 |
| 396 | Hypothalamic axons terminate on forebrain cholinergic neurons: an ultrastructural double-labeling study using PHA-L tracing and ChAT immunocytochemistry. <i>Brain Research</i> , 1989, 479, 177-184. | 1.1 | 80 |
| 397 | GM1 ganglioside attenuates the behavioral deficits but not the granule cell damage produced by intradentate colchicine. <i>Brain Research</i> , 1989, 478, 24-33. | 1.1 | 22 |
| 398 | Synaptic organization of the pedunculopontine tegmental nucleus of the cat. <i>Brain Research</i> , 1989, 478, 315-325. | 1.1 | 15 |
| 399 | Cortical muscarinic receptor function following quinolinic acid-induced lesion of the nucleus basalis magnocellularis. <i>Experimental Neurology</i> , 1989, 103, 158-164. | 2.0 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 400 | Normalization of subtype-specific muscarinic receptor binding in the denervated hippocampus by septodiagonal band grafts. <i>Experimental Neurology</i> , 1989, 106, 115-124. | 2.0 | 63 |
| 401 | Basal forebrain projections to the lower brain stem in the rat. <i>Experimental Neurology</i> , 1989, 105, 316-319. | 2.0 | 6 |
| 402 | Selective working memory impairments following intradentate injection of colchicine: attenuation of the behavioral but not the neuropathological effects by gangliosides GM1 and AGF2. <i>Physiology and Behavior</i> , 1989, 45, 93-101. | 1.0 | 58 |
| 403 | Nucleus basalis magnocellularis lesions facilitate two-way active avoidance. <i>Physiology and Behavior</i> , 1989, 46, 763-765. | 1.0 | 8 |
| 404 | Distribution of tachykinin- and enkephalin-immunoreactive fibers in the human thalamus. <i>Brain Research Reviews</i> , 1989, 14, 35-52. | 9.1 | 59 |
| 405 | Reassessing the cholinergic basal forebrain: nomenclature schemata and concepts. <i>Trends in Neurosciences</i> , 1989, 12, 483-485. | 4.2 | 64 |
| 406 | Intravenous physostigmine increases cerebrospinal fluid neuropeptide-Y. <i>Biological Psychiatry</i> , 1989, 26, 623-630. | 0.7 | 2 |
| 407 | Measuring cholinergic sensitivity: II. Arecoline effects on metabolic activity in pontine regions of rat brain. <i>Biological Psychiatry</i> , 1989, 25, 618-625. | 0.7 | 5 |
| 408 | Cholinergic and peptidergic projections from the medial septum and the nucleus of the diagonal band of Broca to dorsal hippocampus, cingulate cortex and olfactory bulb: A combined wheatgerm agglutinin-apohorseradish peroxidase-gold immunohistochemical study. <i>Neuroscience</i> , 1989, 30, 385-403. | 1.1 | 184 |
| 409 | In vitro electrophysiology of neurons in the lateral dorsal tegmental nucleus. <i>Brain Research Bulletin</i> , 1989, 22, 557-560. | 1.4 | 34 |
| 410 | Function of neurotrophic factors in the adult and aging brain and their possible use in the treatment of neurodegenerative diseases. <i>Neurobiology of Aging</i> , 1989, 10, 515-533. | 1.5 | 470 |
| 411 | Methods for Determining the Effects of Drugs on Learning. , 0, , 623-686. | | 8 |
| 412 | Alternate coexistence of NADPH-diaphorase with choline acetyltransferase or somatostatin in the rat neostriatum and basal forebrain.. <i>Acta Histochemica Et Cytochemica</i> , 1989, 22, 669-674. | 0.8 | 34 |
| 413 | Serotonergic raphe nuclei projection to the basal forebrain in the rat: A combined HRP- and 5-HT-immunohistochemical investigation.. <i>Acta Histochemica Et Cytochemica</i> , 1989, 22, 199-205. | 0.8 | 4 |
| 414 | Chapter 7 Galanin in the cholinergic basal forebrain: histochemical, autoradiographic and in vivo studies. <i>Progress in Brain Research</i> , 1989, 79, 85-91. | 0.9 | 10 |
| 415 | Chapter 4 Organization of central cholinergic systems. <i>Progress in Brain Research</i> , 1989, 79, 37-63. | 0.9 | 137 |
| 416 | Regulation of Choline Acetyltransferase. <i>International Review of Neurobiology</i> , 1989, 31, 81-143. | 0.9 | 49 |
| 418 | Functional effects of neural grafting in the mammalian central nervous system.. <i>Psychological Bulletin</i> , 1990, 108, 462-479. | 5.5 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 419 | Cholinergic and GABAergic modulation of medial septal area: Effect on working memory.. Behavioral Neuroscience, 1990, 104, 849-855. | 0.6 | 270 |
| 420 | Chapter 46 The synthesis of acetylcholine: twenty years of progress. Progress in Brain Research, 1990, 84, 467-477. | 0.9 | 31 |
| 421 | Chapter 19 Nerve growth factor induces gene expression of the prion protein and I ² bT-amyloid protein precursor in the developing hamster central nervous system. Progress in Brain Research, 1990, 86, 227-238. | 0.9 | 10 |
| 422 | Topographical and Synaptic Organization of the GABA-Containing Pallidosubthalamic Projection in the Rat. European Journal of Neuroscience, 1990, 2, 500-511. | 1.2 | 135 |
| 423 | Evidence that Somatostatin Enhances Endogenous Acetylcholine Release in the Rat Hippocampus. Journal of Neurochemistry, 1990, 55, 1546-1555. | 2.1 | 58 |
| 424 | Cortical second messengers after NBM damage: No change in responses to cholinergic agonists. Pharmacology Biochemistry and Behavior, 1990, 36, 507-513. | 1.3 | 5 |
| 425 | Axotomized, adult basal forebrain neurons can innervate fetal frontal cortex grafts: A double fluorescent tracer study in the rat. Experimental Brain Research, 1990, 81, 545-551. | 0.7 | 24 |
| 426 | Nicotine conditions place preferences after intracerebral administration in rats. Psychopharmacology, 1990, 100, 251-257. | 1.5 | 32 |
| 427 | Electrophysiological identification of a pathway from the septal area to the medial amygdala: Sensitivity to estrogen and luteinizing hormone-releasing hormone. Synapse, 1990, 6, 161-168. | 0.6 | 19 |
| 428 | Projections to the rostral reticular thalamic nucleus in the rat. Experimental Brain Research, 1990, 80, 157-71. | 0.7 | 143 |
| 429 | Responses of presumed cholinergic mesopontine tegmental neurons to carbachol microinjections in freely moving cats. Experimental Brain Research, 1990, 83, 115-123. | 0.7 | 131 |
| 430 | Combination of the peroxidase anti-peroxidase (PAP)-and avidin-biotin-peroxidase complex (ABC)-techniques: an amplification alternative in immunocytochemical staining. Histochemistry, 1990, 93, 531-536. | 1.9 | 99 |
| 431 | Neurogenesis of the magnocellular basal forebrain nuclei in the rhesus monkey. Journal of Comparative Neurology, 1990, 291, 637-653. | 0.9 | 24 |
| 432 | Anatomical substrates of cholinergic-autonomic regulation in the rat. Journal of Comparative Neurology, 1990, 292, 1-53. | 0.9 | 199 |
| 433 | Cortical projection patterns of the medial septum-diagonal band complex. Journal of Comparative Neurology, 1990, 293, 103-124. | 0.9 | 340 |
| 434 | Medial forebrain bundle of the rat: III. Cytoarchitecture of the rostral (telencephalic) part of the medial forebrain bundle bed nucleus. Journal of Comparative Neurology, 1990, 294, 507-536. | 0.9 | 84 |
| 435 | Medial forebrain bundle of the rat: IV. Cytoarchitecture of the caudal (lateral hypothalamic) part of the medial forebrain bundle bed nucleus. Journal of Comparative Neurology, 1990, 294, 537-568. | 0.9 | 90 |
| 436 | Connections of the subthalamic nucleus with ventral striatopallidal parts of the basal ganglia in the rat. Journal of Comparative Neurology, 1990, 294, 607-622. | 0.9 | 264 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 437 | Serotonergic and noradrenergic projections to the ventral posterolateral nucleus of the monkey thalamus. <i>Journal of Comparative Neurology</i> , 1990, 295, 197-207. | 0.9 | 42 |
| 438 | Immunohistochemical study of choline acetyltransferase-immunoreactive processes and cells innervating the pontomedullary reticular formation in the rat. <i>Journal of Comparative Neurology</i> , 1990, 295, 485-514. | 0.9 | 176 |
| 439 | Distribution of ¹²⁵ I-neurotensin binding sites in human forebrain: Comparison with the localization of acetylcholinesterase. <i>Journal of Comparative Neurology</i> , 1990, 297, 487-498. | 0.9 | 25 |
| 440 | Distribution of septohippocampal neurons containing parvalbumin or choline acetyltransferase in the rat brain. <i>Journal of Comparative Neurology</i> , 1990, 298, 362-372. | 0.9 | 100 |
| 441 | Projections to the pontine nuclei from choline acetyltransferase-like immunoreactive neurons in the brainstem of the cat. <i>Journal of Comparative Neurology</i> , 1990, 300, 183-195. | 0.9 | 12 |
| 442 | Sources of presumptive glutamatergic/aspartatergic afferents to the magnocellular basal forebrain in the rat. <i>Journal of Comparative Neurology</i> , 1990, 302, 824-852. | 0.9 | 117 |
| 443 | Cholinergic synapses in the central nervous system: Studies of the immunocytochemical localization of choline acetyltransferase. <i>Journal of Electron Microscopy Technique</i> , 1990, 15, 2-19. | 1.1 | 52 |
| 444 | Light and electron microscopic analysis of projection neurons retrogradely labeled with Fluoro-Gold: notes on the application of antibodies to Fluoro-Gold. <i>Journal of Neuroscience Methods</i> , 1990, 35, 31-37. | 1.3 | 90 |
| 445 | Colocalization of Choline Acetyltransferase and Nerve Growth Factor Receptor in the Rat Basal Forebrain. <i>Dementia and Geriatric Cognitive Disorders</i> , 1990, 1, 146-150. | 0.7 | 2 |
| 446 | Cholinergic System. , 1990, , 1095-1113. | | 34 |
| 447 | Neuronal activities in brain-stem cholinergic nuclei related to tonic activation processes in thalamocortical systems. <i>Journal of Neuroscience</i> , 1990, 10, 2541-2559. | 1.7 | 759 |
| 448 | Relationship between the cortical choline acetyltransferase content and EEG delta-power. <i>Neuroscience Research</i> , 1990, 8, 12-20. | 1.0 | 67 |
| 449 | Neuronal localization of the nerve growth factor precursor-like immunoreactivity in the rat brain. <i>International Journal of Developmental Neuroscience</i> , 1990, 8, 65-80. | 0.7 | 56 |
| 450 | Histamine excites pedunculopontine neurones in guinea pig brainstem slices. <i>Neuroscience Letters</i> , 1990, 112, 257-262. | 1.0 | 43 |
| 451 | Substance P-containing neurons in the pontomesencephalic tegmentum of the human brain. <i>Neuroscience</i> , 1990, 39, 81-96. | 1.1 | 41 |
| 452 | Memory deficits following nucleus basalis magnocellularis lesions may be mediated through limbic, but not neocortical, targets. <i>Neuroscience</i> , 1990, 38, 93-102. | 1.1 | 38 |
| 453 | Dose-related effects of nerve growth factor (NGF) on choline acetyltransferase (ChAT), acetylcholine (ACh) content and ACh turnover in the brain of newborn rats. <i>Neurochemistry International</i> , 1990, 17, 239-244. | 1.9 | 12 |
| 454 | Glutamate-like immunoreactivity in neurons of the laterodorsal tegmental and pedunculopontine nuclei in the rat. <i>Neuroscience Letters</i> , 1990, 120, 70-73. | 1.0 | 191 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 455 | Medial septal neurons containing N-acetyl-aspartyl-glutamate-like immunoreactivity project to the hippocampal formation in the rat. <i>Neuroscience Letters</i> , 1990, 113, 12-16. | 1.0 | 4 |
| 456 | Effect of aging on NADPH-diaphorase neurons in laterodorsal tegmental nucleus and striatum of mice. <i>Neurobiology of Aging</i> , 1990, 11, 185-192. | 1.5 | 36 |
| 457 | Quantitative autoradiographic distribution of [125i]bolton-hunter neuropeptide y receptor binding sites in rat brain. comparison with [125i]peptide yy receptor sites. <i>Neuroscience</i> , 1990, 36, 255-283. | 1.1 | 60 |
| 458 | Decrease and recovery of choline acetyltransferase activity in medial thalamus and ventral tegmental area after destruction of pedunclopontine nucleus areas in the rat. <i>Neuroscience Research</i> , 1990, 9, 48-53. | 1.0 | 16 |
| 459 | release of acetylcholine from the medial septum/diagonal band of rat brain. <i>Neuroscience Letters</i> , 1990, 115, 259-264. | 1.0 | 34 |
| 460 | Topographical localization of neurons containing parvalbumin and choline acetyltransferase in the medial septum-diagonal band region of the rat. <i>Neuroscience</i> , 1990, 36, 61-72. | 1.1 | 149 |
| 461 | Distribution of nerve growth factor receptor-like immunoreactivity in the adult rat central nervous system. Effect of colchicine and correlation with the cholinergic system. <i>Brainstem, cerebellum and spinal cord. Neuroscience</i> , 1990, 34, 89-110. | 1.1 | 143 |
| 462 | Immunocytochemical localization of cholinergic terminals in the region of the nucleus basalis magnocellularis of the rat: A correlated light and electron microscopic study. <i>Neuroscience</i> , 1990, 36, 361-376. | 1.1 | 38 |
| 463 | Parameters of cholinergic neurotransmission in the thalamus in Parkinson's disease and Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 1990, 99, 185-197. | 0.3 | 56 |
| 464 | Generation patterns of immunocytochemically identified cholinergic neurons in rat brainstem. <i>Developmental Brain Research</i> , 1990, 56, 63-74. | 2.1 | 35 |
| 465 | Hippocampal muscarinic supersensitivity after AF64A medial septal lesion excludes M1 receptors. <i>Brain Research Bulletin</i> , 1990, 25, 311-317. | 1.4 | 17 |
| 466 | Effects of acetylcholine on single cortical somatosensory neurons in the unanesthetized rat. <i>Neuroscience</i> , 1990, 39, 189-197. | 1.1 | 36 |
| 467 | Regional changes in ngf receptor immunohistochemical labeling in the septum of the aged rat. <i>Neurobiology of Aging</i> , 1990, 11, 481-484. | 1.5 | 41 |
| 468 | Long-term administration of mouse nerve growth factor to adult rats with partial lesions of the cholinergic septohippocampal pathway. <i>Experimental Neurology</i> , 1990, 110, 25-38. | 2.0 | 65 |
| 469 | Synaptic connections formed by grafts of different types of cholinergic neurons in the host hippocampus. <i>Experimental Neurology</i> , 1990, 107, 11-22. | 2.0 | 67 |
| 470 | Tetrahydroaminoacridine improves the spatial acquisition deficit produced by nucleus basalis lesions in rats. <i>Experimental Neurology</i> , 1990, 108, 221-228. | 2.0 | 39 |
| 471 | Basic mechanisms of cerebral rhythmic activities. <i>Electroencephalography and Clinical Neurophysiology</i> , 1990, 76, 481-508. | 0.3 | 1,140 |
| 472 | Anatomical interconnections of the pedunclopontine tegmental nucleus and the nucleus prepositus hypoglossi in the cat. <i>Brain Research</i> , 1990, 536, 79-85. | 1.1 | 36 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 473 | Novel angiotensin II binding sites in the mesopontine area of the rat brain. <i>Brain Research</i> , 1990, 534, 129-134. | 1.1 | 11 |
| 474 | Spatial memory deficits in aged rats: contributions of monoaminergic systems. <i>Brain Research</i> , 1990, 537, 271-278. | 1.1 | 159 |
| 475 | Anatomical and neurochemical evidence for suicide transport of a toxic lectin, volkensin, injected in the rat dorsal hippocampus. <i>Brain Research</i> , 1990, 537, 279-286. | 1.1 | 16 |
| 476 | The effect of \hat{I}^3 -vinyl-GABA on the performance of nucleus basalis-lesioned rats in spatial navigation task. <i>Brain Research</i> , 1990, 537, 363-366. | 1.1 | 16 |
| 477 | Basal forebrain cell loss following fimbria/fornix transection. <i>Brain Research</i> , 1990, 508, 241-248. | 1.1 | 96 |
| 478 | Neural systems contributing to acetylcholinesterase histochemical staining in primary visual cortex of the adult rat. <i>Brain Research</i> , 1990, 509, 181-197. | 1.1 | 24 |
| 479 | Dopaminergic modulation of cholinergic responses in rat medial prefrontal cortex: an electrophysiological study. <i>Brain Research</i> , 1990, 524, 271-281. | 1.1 | 57 |
| 480 | Monosynaptic projection from the pedunculopontine tegmental nuclear region to the reticulospinal neurons of the medulla oblongata. An electron microscope study in the cat. <i>Brain Research</i> , 1990, 524, 353-356. | 1.1 | 13 |
| 481 | The nucleus basalis is involved in brain modulation of the immune system in rats. <i>Brain Research</i> , 1990, 516, 345-348. | 1.1 | 14 |
| 482 | Scopolamine but not haloperidol disrupts training-induced neuronal activity in cingulate cortex and limbic thalamus during learning in rabbits. <i>Brain Research</i> , 1990, 518, 107-114. | 1.1 | 13 |
| 483 | Peripheral administration of a long-chain fatty alcohol promotes septal cholinergic neurons survival after fimbria-fornix transection. <i>Brain Research</i> , 1990, 518, 295-298. | 1.1 | 31 |
| 484 | Cholinergic cell loss and cognitive impairments following intraventricular or intradentate injection of colchicine. <i>Brain Research</i> , 1990, 517, 157-167. | 1.1 | 50 |
| 485 | Descending projections from the dorsolateral pontine tegmentum to the paramedian reticular nucleus of the caudal medulla in the cat. <i>Brain Research</i> , 1990, 517, 224-228. | 1.1 | 55 |
| 486 | A subtype of cerebellar Golgi cells may be cholinergic. <i>Brain Research</i> , 1990, 522, 267-274. | 1.1 | 40 |
| 487 | Pontine cholinergic neurons simultaneously innervate two thalamic targets. <i>Brain Research</i> , 1990, 532, 317-322. | 1.1 | 24 |
| 488 | Distribution of nerve growth factor receptor-like immunoreactivity in the adult rat central nervous system. Effect of colchicine and correlation with the cholinergic system. <i>Forebrain. Neuroscience</i> , 1990, 34, 57-87. | 1.1 | 202 |
| 489 | Nucleus basalis magnocellularis and memory: Differential effects of two neurotoxins. <i>Behavioral and Neural Biology</i> , 1990, 54, 13-26. | 2.3 | 74 |
| 490 | The effects of ibotenic acid lesions of the nucleus basalis and cholinergic-rich neural transplants on win-stay/lose-shift and win-shift/lose-stay performance in the rat. <i>Behavioural Brain Research</i> , 1990, 36, 229-249. | 1.2 | 126 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 491 | Similar memory impairments found in medial septal-vertical diagonal band of Broca and nucleus basalis lesioned rats: Are memory defects induced by nucleus basalis lesions related to the degree of non-specific subcortical cell loss?. Behavioural Brain Research, 1990, 37, 81-88. | 1.2 | 79 |
| 492 | Tetrahydroaminoacridine alleviates medial septal lesion-induced and age-related spatial reference but not working memory deficits. Physiology and Behavior, 1991, 49, 1147-1152. | 1.0 | 44 |
| 493 | Further evidence for the absence of a descending cholinergic projection from the brainstem to the spinal cord in the rat. Neuroscience Letters, 1991, 128, 52-56. | 1.0 | 49 |
| 494 | Quantitative auto radiography of 11 different transmitter binding sites in the basal forebrain region of the rat—Evidence of heterogeneity in distribution patterns. Neuroscience, 1991, 42, 473-481. | 1.1 | 76 |
| 495 | Immunohistochemical identification of cholinergic neurons in the myenteric plexus of guinea-pig small intestine. Neuroscience, 1991, 45, 227-239. | 1.1 | 139 |
| 496 | Tetrahydroaminoacridine improves passive avoidance retention defects induced by aging and medial septal lesion but not by fimbria-fornix lesion. Brain Research Bulletin, 1991, 27, 587-594. | 1.4 | 32 |
| 497 | Sprouting of cholinergic axons does not occur in the cerebral cortex after nucleus basalis lesions. Neuroscience, 1991, 44, 149-156. | 1.1 | 13 |
| 498 | Cholinergic modulation of excitability in the rat olfactory bulb: Effect of local application of cholinergic agents on evoked field potentials. Neuroscience, 1991, 45, 653-662. | 1.1 | 66 |
| 499 | Functional connections of the rat medial cortex and basal forebrain: An in vivo intracellular study. Neuroscience, 1991, 44, 571-583. | 1.1 | 7 |
| 500 | Dissociable effects on spatial maze and passive avoidance acquisition and retention following AMPA- and ibotenic acid-induced excitotoxic lesions of the basal forebrain in rats: Differential dependence on cholinergic neuronal loss. Neuroscience, 1991, 43, 457-472. | 1.1 | 263 |
| 501 | The cholinergic system and EEG slow waves. Electroencephalography and Clinical Neurophysiology, 1991, 78, 89-96. | 0.3 | 249 |
| 502 | Differential effects of physostigmine and pilocarpine on the spatial memory deficits produced by two septo-hippocampal deafferentations in rats. Brain Research, 1991, 559, 233-240. | 1.1 | 53 |
| 503 | EEG changes induced by acute and chronic quisqualic or ibotenic acid nucleus basalis lesions are stabilized by tacridine. Brain Research, 1991, 559, 304-308. | 1.1 | 17 |
| 504 | Hypercapnia and stimulation of the substantia innominata increase rat frontal cortical blood flow by different cholinergic mechanisms. Brain Research, 1991, 553, 75-83. | 1.1 | 71 |
| 505 | In vivo brain incorporation of [1-14C]arachidonate in awake rats, with or without cholinergic stimulation, following unilateral lesioning of nucleus basalis magnocellularis. Brain Research, 1991, 559, 1-9. | 1.1 | 44 |
| 506 | Extracellular characteristics of putative cholinergic neurons in the rat laterodorsal tegmental nucleus. Brain Research, 1991, 559, 64-74. | 1.1 | 18 |
| 507 | A study of cortical and hippocampal NMDA and PCP receptors following selective cortical and subcortical lesions. Brain Research, 1991, 538, 36-45. | 1.1 | 14 |
| 508 | Relationship of calbindin D-28k and cholinergic neurons in the nucleus basalis of Meynert of the monkey and the rat. Brain Research, 1991, 549, 141-145. | 1.1 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 509 | Learning disturbances following excitotoxic lesion of cholinergic pedunculo-pontine nucleus in the rat. <i>Brain Research</i> , 1991, 544, 126-132. | 1.1 | 83 |
| 510 | Elicitation of hippocampal theta by intraseptal carbachol injection in freely moving rats. <i>Brain Research</i> , 1991, 544, 150-155. | 1.1 | 66 |
| 511 | Transplantation of ventral forebrain cholinergic neurons to the hippocampus ameliorates impairment of radial-arm maze learning in rats with AF64A treatment. <i>Brain Research</i> , 1991, 548, 187-195. | 1.1 | 111 |
| 512 | A cholinergic innervation of the bovine pineal gland visualized by immunohistochemical detection of choline acetyltransferase-immunoreactive nerve fibers. <i>Brain Research</i> , 1991, 545, 49-58. | 1.1 | 41 |
| 513 | Galanin inhibits the potassium-evoked release of acetylcholine and the muscarinic receptor-mediated stimulation of phosphoinositide turnover in slices of monkey hippocampus. <i>Brain Research</i> , 1991, 568, 279-284. | 1.1 | 61 |
| 514 | Intracellular study of rat globus pallidus neurons: membrane properties and responses to neostriatal, subthalamic and nigral stimulation. <i>Brain Research</i> , 1991, 564, 296-305. | 1.1 | 270 |
| 515 | Cellular mapping of m2 muscarinic receptors in rat olfactory bulb using an antiserum raised against a cytoplasmic loop peptide. <i>Brain Research</i> , 1991, 563, 163-170. | 1.1 | 20 |
| 516 | Modulation of cortical in vivo acetylcholine release by the basal nuclear complex: role of the pontomesencephalic tegmental area. <i>Brain Research</i> , 1991, 563, 353-356. | 1.1 | 40 |
| 517 | Neurotoxic lesion of the mesencephalic reticular formation and/or the posterior hypothalamus does not alter waking in the cat. <i>Brain Research</i> , 1991, 539, 287-303. | 1.1 | 81 |
| 518 | Gammavinylgaba increases high voltage spindle activity in control and nucleus basalis-lesioned rats after sub-chronic treatment. <i>Brain Research</i> , 1991, 565, 341-344. | 1.1 | 2 |
| 519 | The basal forebrain cholinergic system: efferent and afferent connectivity and long-term effects of lesions. <i>Acta Psychiatrica Scandinavica</i> , 1991, 83, 14-26. | 2.2 | 40 |
| 520 | Comparison of quisqualic and ibotenic acid nucleus basalis magnocellularis lesions on water-maze and passive avoidance performance. <i>Brain Research Bulletin</i> , 1991, 27, 119-123. | 1.4 | 32 |
| 521 | Presence of a cholinergic projection from ventral striatum to amygdala that is not immunoreactive for NGF receptor. <i>Neuroscience Letters</i> , 1991, 127, 73-76. | 1.0 | 15 |
| 522 | Comparison of the effects of acute and chronic ibotenic and quisqualic acid nucleus basalis lesioning. <i>Brain Research Bulletin</i> , 1991, 27, 199-206. | 1.4 | 19 |
| 523 | Cholinergic systems in mammalian brain and spinal cord. <i>Progress in Neurobiology</i> , 1991, 37, 475-524. | 2.8 | 941 |
| 524 | Organization and development of the cingulum: Laminar arrangement of acetylcholinesterase-rich components in rat. <i>Brain Research Bulletin</i> , 1991, 26, 789-798. | 1.4 | 3 |
| 525 | Paradoxical sleep and its chemical/structural substrates in the brain. <i>Neuroscience</i> , 1991, 40, 637-656. | 1.1 | 392 |
| 526 | Early development of the nucleus basalis-cortical projection but late expression of its cholinergic function. <i>Neuroscience</i> , 1991, 44, 311-324. | 1.1 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 527 | Identification and localization of muscarinic acetylcholine receptor proteins in brain with subtype-specific antibodies. <i>Journal of Neuroscience</i> , 1991, 11, 3218-3226. | 1.7 | 860 |
| 528 | Compensatory elevation of acetylcholine synthesis in vivo by cholinergic neurons surviving partial lesions of the septohippocampal pathway. <i>Journal of Neuroscience</i> , 1991, 11, 2821-2828. | 1.7 | 54 |
| 529 | Basal Forebrain Lesioned Mice Exhibit Deterioration in Memory Acquisition Process in Step Through Passive Avoidance Test. <i>The Japanese Journal of Pharmacology</i> , 1991, 57, 329-336. | 1.2 | 1 |
| 530 | Chapter 3 The anatomy of sensory relay functions in the thalamus. <i>Progress in Brain Research</i> , 1991, 87, 29-52. | 0.9 | 26 |
| 531 | Basal Forebrain Lesioned Mice Exhibit Deterioration in Memory Acquisition Process in Step Through Passive Avoidance Test.. <i>The Japanese Journal of Pharmacology</i> , 1991, 57, 329-336. | 1.2 | 9 |
| 532 | Naloxone Injected into the Preoptic Region Has Hypophysiotropic and Seizurogenic Actions in Rats.. <i>Endocrinologia Japonica</i> , 1991, 38, 287-295. | 0.5 | 6 |
| 533 | Chapter 21 The neurobiological basis of prefrontal cortex self-stimulation: A review and an integrative hypothesis. <i>Progress in Brain Research</i> , 1991, 85, 419-431. | 0.9 | 26 |
| 534 | The efferent connections of the lateral septal nucleus in the guinea pig: intrinsic connectivity of the septum and projections to other telencephalic areas. <i>Cell and Tissue Research</i> , 1991, 264, 415-426. | 1.5 | 63 |
| 535 | Prefrontal cortical projections to the cholinergic neurons in the basal forebrain. <i>Journal of Comparative Neurology</i> , 1991, 303, 563-583. | 0.9 | 127 |
| 536 | Regional brain glucose metabolism is altered during rapid eye movement sleep in the cat: A preliminary study. <i>Journal of Comparative Neurology</i> , 1991, 304, 517-529. | 0.9 | 145 |
| 537 | Nerve growth factor receptor immunoreactivity in the rat septohippocampal pathway: A Light and electron microscope investigation. <i>Journal of Comparative Neurology</i> , 1991, 307, 517-529. | 0.9 | 28 |
| 538 | Primate supplementary eye field. II. Comparative aspects of connections with the thalamus, corpus striatum, and related forebrain nuclei. <i>Journal of Comparative Neurology</i> , 1991, 307, 562-583. | 0.9 | 131 |
| 539 | Use of a digital brain atlas to compare the distribution of NGF- and bFGF-protected cholinergic neurons. <i>Journal of Comparative Neurology</i> , 1991, 309, 27-39. | 0.9 | 17 |
| 540 | Immunocytochemical localization of phosphatase inhibitor-1 in rat brain. <i>Journal of Comparative Neurology</i> , 1991, 310, 170-188. | 0.9 | 46 |
| 541 | Nigropedunculopontine projection in the rat: An Anterograde tracing study with phaseolus vulgaris-leucoagglutinin (PHA-L). <i>Journal of Comparative Neurology</i> , 1991, 311, 375-388. | 0.9 | 132 |
| 542 | Immunocytochemical localization of argininosuccinate synthetase in the rat brain. <i>Journal of Comparative Neurology</i> , 1991, 312, 652-679. | 0.9 | 133 |
| 543 | Postnatal development of acetylcholinesterase in, and cholinergic projections to, the cat superior colliculus. <i>Journal of Comparative Neurology</i> , 1991, 313, 113-131. | 0.9 | 38 |
| 544 | Age-related changes in galanin-immunoreactive cells of the rat medial septal area. <i>Journal of Comparative Neurology</i> , 1991, 313, 613-624. | 0.9 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 545 | A PHA-L analysis of ascending projections of the dorsal raphe nucleus in the rat. <i>Journal of Comparative Neurology</i> , 1991, 313, 643-668. | 0.9 | 749 |
| 546 | Cholinergic neurons in the rat septal complex: Ultrastructural characterization and synaptic relations with catecholaminergic terminals. <i>Journal of Comparative Neurology</i> , 1991, 314, 37-54. | 0.9 | 31 |
| 547 | An immunocytochemical analysis of the lateral geniculate complex in the pigeon (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 1991, 314, 721-749. | 0.9 | 99 |
| 548 | Developmental and regional expression of choline acetyltransferase mRNA in the rat central nervous system. <i>Journal of Neuroscience Research</i> , 1991, 29, 163-171. | 1.3 | 59 |
| 549 | Descending brainstem projections of the pedunculopontine tegmental nucleus in the rat. <i>Anatomy and Embryology</i> , 1991, 184, 275-290. | 1.5 | 64 |
| 550 | Morphometric study on the CH4 of the nucleus basalis of meynert in Alzheimer's disease. <i>Molecular and Chemical Neuropathology</i> , 1991, 15, 193-206. | 1.0 | 7 |
| 551 | Chemically distinct rat olivocochlear neurons. <i>Synapse</i> , 1991, 7, 21-43. | 0.6 | 179 |
| 552 | The role of cholinergic projections from the nucleus basalis in memory. <i>Neuroscience and Biobehavioral Reviews</i> , 1991, 15, 299-317. | 2.9 | 205 |
| 553 | Relationships of nucleus reticularis pontis oralis neuronal discharge with sensory and carbachol evoked hippocampal theta rhythm. <i>Experimental Brain Research</i> , 1991, 87, 303-308. | 0.7 | 82 |
| 554 | Piecing together the Puzzle of Basal Forebrain Anatomy. <i>Advances in Experimental Medicine and Biology</i> , 1991, 295, 1-42. | 0.8 | 190 |
| 555 | Chapter 2 Neurotransmitters in the cerebral cortex. <i>Progress in Brain Research</i> , 1991, 85, 13-29. | 0.9 | 12 |
| 556 | The Contribution of Basal Forebrain to Limbic Motor Integration and the Mediation of Motivation to Action. <i>Advances in Experimental Medicine and Biology</i> , 1991, 295, 267-290. | 0.8 | 188 |
| 557 | Localization of cholinergic differentiation factor/leukemia inhibitory factor mRNA in the rat brain and peripheral tissues.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 7298-7302. | 3.3 | 74 |
| 558 | Chapter 3 Qualitative and quantitative comparison of the prefrontal cortex in rat and in primates, including humans. <i>Progress in Brain Research</i> , 1991, 85, 31-62. | 0.9 | 362 |
| 559 | Cholinergic neurons of the central nervous system: morphofunctional aspects. <i>Acta Psychiatrica Scandinavica</i> , 1991, 83, 7-13. | 2.2 | 11 |
| 560 | Increases in cerebral blood flow in rat hippocampus after medial septal injection of naloxone.. <i>Stroke</i> , 1992, 23, 1325-1329. | 1.0 | 16 |
| 561 | Separate neuronal populations of the rat globus pallidus projecting to the subthalamic nucleus, auditory cortex and pedunculopontine tegmental area. <i>Neuroscience</i> , 1992, 46, 701-710. | 1.1 | 103 |
| 562 | Temporal processes of formalin pain: differential role of the cingulum bundle, fornix pathway and medial bulboreticular formation. <i>Pain</i> , 1992, 49, 257-271. | 2.0 | 106 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 563 | Loss of cholinergic neurons in the nucleus basalis induces neocortical electroencephalographic and passive avoidance deficits. <i>Neuroscience</i> , 1992, 47, 823-831. | 1.1 | 51 |
| 564 | Neurotransmitter actions in the thalamus and cerebral cortex and their role in neuromodulation of thalamocortical activity. <i>Progress in Neurobiology</i> , 1992, 39, 337-388. | 2.8 | 1,103 |
| 565 | Intraseptal connections redefined: lack of a lateral septum to medial septum path. <i>Brain Research</i> , 1992, 583, 1-11. | 1.1 | 95 |
| 566 | Effects of vinconate on spatial learning impairments induced by medial septal lesion in rats. <i>Life Sciences</i> , 1992, 51, 267-273. | 2.0 | 91 |
| 567 | Cytophotometric analysis of magnocellular azure B-RNA and Fielgen-DNA following chronic GABA infusion into the nucleus basalis of rats. <i>Life Sciences</i> , 1992, 50, 1299-1310. | 2.0 | 1 |
| 568 | Muscarinic M2 receptor mRNA expression and receptor binding in cholinergic and non-cholinergic cells in the rat brain: A correlative study using in situ hybridization histochemistry and receptor autoradiography. <i>Neuroscience</i> , 1992, 47, 367-393. | 1.1 | 196 |
| 569 | Attempts to make models for Alzheimer's disease. <i>Neuroscience Research</i> , 1992, 13, 237-255. | 1.0 | 16 |
| 570 | Impaired acquisition, preserved retention and retrieval of avoidance behavior after destruction of pedunculopontine nucleus areas in the rat. <i>Neuroscience Research</i> , 1992, 13, 43-51. | 1.0 | 43 |
| 571 | Distribution of NADPH-diaphorase positive somata in the brainstem of the monitor lizard <i>Varanus exanthematicus</i> . <i>Neuroscience Letters</i> , 1992, 148, 129-132. | 1.0 | 36 |
| 572 | Identified septohippocampal neurons survive axotomy: A fine-structural analysis in the rat. <i>Neuroscience Letters</i> , 1992, 138, 81-85. | 1.0 | 37 |
| 573 | The basal forebrain cholinergic system in the raccoon. <i>Journal of Chemical Neuroanatomy</i> , 1992, 5, 441-452. | 1.0 | 19 |
| 574 | Persistent changes in behaviour and brain serotonin during ageing in rats subjected to infant nasal virus infection. <i>Neurobiology of Aging</i> , 1992, 13, 83-87. | 1.5 | 23 |
| 575 | Cholinergic fiber aberrations in nucleus basalis lesioned rat and Alzheimer's disease. <i>Neurobiology of Aging</i> , 1992, 13, 441-448. | 1.5 | 46 |
| 576 | Choline acetyltransferase-immunoreactive neurons in the rat entopeduncular nucleus. <i>Neuroscience</i> , 1992, 46, 721-728. | 1.1 | 23 |
| 577 | c-fos protein-like immunoreactivity: Distribution in the human brain and over-expression in the hippocampus of patients with Alzheimer's disease. <i>Neuroscience</i> , 1992, 46, 9-21. | 1.1 | 82 |
| 578 | Alterations in cortical muscarinic receptors following cholinotoxin (AF64A) lesion of the rat nucleus basalis magnocellularis. <i>Neurobiology of Aging</i> , 1992, 13, 25-32. | 1.5 | 22 |
| 579 | Development of the cholinergic fibres innervating the cerebral cortex of the rat. <i>International Journal of Developmental Neuroscience</i> , 1992, 10, 153-170. | 0.7 | 41 |
| 580 | Small cholinergic neurons within fields of cholinergic axons characterize olfactory-related regions of rat telencephalon. <i>Neuroscience</i> , 1992, 48, 121-136. | 1.1 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 581 | Organization of central cholinergic neurons revealed by combined in situ hybridization histochemistry and choline-O-acetyltransferase immunocytochemistry. <i>Neurochemistry International</i> , 1992, 21, 429-445. | 1.9 | 47 |
| 582 | Involvement of cholinergic mechanisms in impairment of working memory in rats following basolateral amygdaloid lesions. <i>Neuropharmacology</i> , 1992, 31, 915-922. | 2.0 | 17 |
| 583 | The development of neurons in the nuclei of the horizontal and vertical limb of the diagonal band of Broca of the rat: a qualitative and quantitative analysis of Golgi preparations. <i>Developmental Brain Research</i> , 1992, 65, 65-74. | 2.1 | 11 |
| 584 | Development of AChE-positive neuronal projections from basal forebrain to cerebral cortex in organotypic tissue slice cultures. <i>Developmental Brain Research</i> , 1992, 67, 181-196. | 2.1 | 20 |
| 585 | Cholinergic neurons in the rat central nervous system demonstrated by in situ hybridization of choline acetyltransferase mRNA. <i>Neuroscience</i> , 1992, 47, 807-822. | 1.1 | 130 |
| 586 | Effects of medial and lateral septal lesions on acquisition of a place and cue radial maze task. <i>Behavioural Brain Research</i> , 1992, 49, 159-165. | 1.2 | 154 |
| 587 | Septo-hippocampal and nBM-cortical cholinergic neurones exhibit differential time-courses of activation as a function of both type and duration of spatial memory testing in mice. <i>Behavioural Brain Research</i> , 1992, 50, 43-52. | 1.2 | 27 |
| 588 | GABAergic mediation of indirect transsynaptic control over basal and spatial memory testing-induced activation of septo-hippocampal cholinergic activity in mice. <i>Behavioural Brain Research</i> , 1992, 50, 155-165. | 1.2 | 34 |
| 589 | Place and taste aversion learning: Role of basal forebrain, parietal cortex, and amygdala. <i>Brain Research Bulletin</i> , 1992, 29, 345-353. | 1.4 | 55 |
| 590 | Behavioral response of rats with cortical lesions to cholinomimetics. <i>Physiology and Behavior</i> , 1992, 52, 971-977. | 1.0 | 6 |
| 591 | Pure Schwann cell suspension grafts promote regeneration of the lesioned septo-hippocampal cholinergic pathway. <i>Brain Research</i> , 1992, 570, 198-208. | 1.1 | 139 |
| 592 | DSP-4, a noradrenergic neurotoxin, produces more severe biochemical and functional deficits in aged than young rats. <i>Brain Research</i> , 1992, 570, 293-299. | 1.1 | 27 |
| 593 | Firing of "possibly" cholinergic neurons in the rat laterodorsal tegmental nucleus during sleep and wakefulness. <i>Brain Research</i> , 1992, 569, 210-220. | 1.1 | 319 |
| 594 | Acetylcholine release in the hippocampus: regulation by monoaminergic afferents as assessed by in vivo microdialysis. <i>Brain Research</i> , 1992, 584, 132-140. | 1.1 | 85 |
| 595 | Basal forebrain and anterior thalamic contributions to acetylcholinesterase activity in granular retrosplenial cortex of rats. <i>Brain Research</i> , 1992, 594, 10-18. | 1.1 | 13 |
| 596 | Specificity of 192 IgG-saporin for NGF receptor-positive cholinergic basal forebrain neurons in the rat. <i>Brain Research</i> , 1992, 590, 350-355. | 1.1 | 148 |
| 597 | The pontine parabrachial region mediates some of the descending inhibitory effects of stimulating the anterior pretectal nucleus. <i>Brain Research</i> , 1992, 594, 205-214. | 1.1 | 27 |
| 598 | Cognitive enhancing properties of $\hat{1}^2$ -CCM infused into the nucleus basalis magnocellularis of the rat. <i>Brain Research</i> , 1992, 589, 109-114. | 1.1 | 39 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 599 | Calbindin D-28k and choline acetyltransferase are expressed by different neuronal populations in pedunclopontine nucleus but not in nucleus basalis in squirrel monkeys. <i>Brain Research</i> , 1992, 593, 245-252. | 1.1 | 40 |
| 600 | Convergence of projections from the rat hippocampal formation, medial geniculate and basal forebrain onto single amygdaloid neurons: an in vivo extra- and intracellular electrophysiological study. <i>Brain Research</i> , 1992, 587, 24-40. | 1.1 | 64 |
| 601 | Immunohistochemical localization of calretinin in the rat lateral geniculate nucleus and its retino-geniculate projection. <i>Brain Research</i> , 1992, 596, 215-222. | 1.1 | 32 |
| 602 | Distribution and relative density of p75 nerve growth factor receptors in the rat brain as a function of age and treatment with antibodies to nerve growth factor. <i>Brain Research</i> , 1992, 591, 223-238. | 1.1 | 25 |
| 603 | Intrahippocampal injections of benzodiazepine and muscimol impair working memory but not reference memory of rats in the three-panel runway task. <i>European Journal of Pharmacology</i> , 1992, 219, 245-251. | 1.7 | 18 |
| 604 | Local cerebral glucose utilization during chronic infusion of GABA into the nucleus basalis magnocellularis of rats. <i>Experimental Neurology</i> , 1992, 116, 256-263. | 2.0 | 2 |
| 605 | Positively reinforcing effects of the neurokinin substance P in the basal forebrain: Mediation by its C-terminal sequence. <i>Experimental Neurology</i> , 1992, 115, 282-291. | 2.0 | 38 |
| 606 | Stability of septohippocampal neurons following excitotoxic lesions of the rat hippocampus. <i>Experimental Neurology</i> , 1992, 117, 1-16. | 2.0 | 25 |
| 607 | Fetal neocortical grafts implanted in adult hypertensive rats with cortical infarcts following a middle cerebral artery occlusion: Ingrowth of afferent fibers from the host brain. <i>Experimental Neurology</i> , 1992, 116, 105-121. | 2.0 | 53 |
| 608 | Enhanced learning produced by injection of neurokinin substance P into the region of the nucleus basalis magnocellularis: Mediation by the N-terminal sequence. <i>Experimental Neurology</i> , 1992, 118, 302-308. | 2.0 | 18 |
| 609 | Nucleus basalis lesions in neonate rats induce a selective cortical cholinergic hypofunction and cognitive deficits during adulthood. <i>Experimental Brain Research</i> , 1992, 90, 163-74. | 0.7 | 18 |
| 610 | Cholinergic and non-cholinergic neurons in the rat pedunclopontine tegmental nucleus. <i>Anatomy and Embryology</i> , 1992, 186, 215-27. | 1.5 | 100 |
| 611 | Autoradiography of muscarinic cholinergic receptors in cortical and subcortical brain regions of C57BL/6 and DBA/2 mice. <i>Neurochemical Research</i> , 1992, 17, 1057-1062. | 1.6 | 16 |
| 612 | High-affinity transport of choline and amino acid neurotransmitters in synaptosomes from brain regions after lesioning the nucleus basalis magnocellularis of young and aged rats. <i>Neurochemical Research</i> , 1992, 17, 345-350. | 1.6 | 16 |
| 613 | Comparative Alterations of Nicotinic and Muscarinic Binding Sites in Alzheimer's and Parkinson's Diseases. <i>Journal of Neurochemistry</i> , 1992, 58, 529-541. | 2.1 | 316 |
| 614 | Plasticity in the Rat Hippocampal Formation following Ibotenic Acid Lesion of the Septal Region: A Quantitative [¹⁴ C]Deoxyglucose and Acetylcholinesterase Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992, 12, 1007-1021. | 2.4 | 13 |
| 615 | Brain and cerebrospinal fluid cholinesterases in Alzheimer's disease, Parkinson's disease and aging. A critical review of clinical and experimental studies. <i>Journal of Neural Transmission Parkinson's Disease and Dementia Section</i> , 1992, 4, 337-358. | 1.2 | 12 |
| 616 | Effects of lesion of the cholinergic basal forebrain nuclei on the activity of glutamatergic and GABAergic systems in the rat frontal cortex and hippocampus. <i>Journal of Neural Transmission</i> , 1992, 87, 175-192. | 1.4 | 15 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 617 | Cholinergic differentiation in neurogenic basal forebrain cultures. <i>Journal of Neurobiology</i> , 1992, 23, 252-269. | 3.7 | 1 |
| 618 | Chronic treatment with an acetylcholine synthesis precursor, alpha-glycerylphosphorylcholine, alters brain parameters linked to cholinergic transmission and passive avoidance behavior. <i>Drug Development Research</i> , 1992, 26, 439-447. | 1.4 | 3 |
| 619 | The role of two major cholinergic systems in memory acquisition and retention in the eight-arm radial maze. <i>International Journal of Geriatric Psychiatry</i> , 1992, 7, 173-181. | 1.3 | 3 |
| 620 | Distribution of neurotensin immunoreactivity within the human amygdaloid complex: A comparison with acetylcholinesterase- and Nissl-stained tissue sections. <i>Journal of Comparative Neurology</i> , 1992, 317, 283-297. | 0.9 | 27 |
| 621 | Distribution of neurons expressing neurokinin B in the rat brain: Immunohistochemistry and in situ hybridization. <i>Journal of Comparative Neurology</i> , 1992, 317, 341-356. | 0.9 | 136 |
| 622 | An immunohistochemical study of the telencephalon of the senegal bichir (<i>Polypterus senegalus</i>). <i>Journal of Comparative Neurology</i> , 1992, 319, 359-386. | 0.9 | 136 |
| 623 | Pyramidal neurons of the rat cerebral cortex, immunoreactive to nicotinic acetylcholine receptors, project mainly to subcortical targets. <i>Journal of Comparative Neurology</i> , 1992, 320, 62-68. | 0.9 | 26 |
| 624 | Development of high-affinity choline transport sites in rat forebrain: A quantitative autoradiography study with [³ H]hemicholinium-3. <i>Journal of Comparative Neurology</i> , 1992, 321, 591-611. | 0.9 | 38 |
| 625 | Fine structure of rat septohippocampal neurons: I. Identification of septohippocampal projection neurons by retrograde tracing combined with electron microscopic immunocytochemistry and intracellular staining. <i>Journal of Comparative Neurology</i> , 1992, 325, 207-218. | 0.9 | 66 |
| 626 | Tyrosine hydroxylase-immunoreactive neurons in the nucleus basalis of the common marmoset (<i>Callithrix jacchus</i>). <i>Journal of Comparative Neurology</i> , 1992, 325, 379-387. | 0.9 | 13 |
| 627 | PHA-L analysis of projections from the supramammillary nucleus in the rat. <i>Journal of Comparative Neurology</i> , 1992, 326, 595-622. | 0.9 | 249 |
| 628 | Heptyl-physostigmine enhances basal forebrain control of cortical cerebral blood flow. <i>Journal of Neuroscience Research</i> , 1992, 31, 573-577. | 1.3 | 14 |
| 629 | Nitric oxide synthase is critical in mediating basal forebrain regulation of cortical cerebral circulation. <i>Journal of Neuroscience Research</i> , 1992, 33, 129-135. | 1.3 | 67 |
| 630 | Codistribution of GABA- with acetylcholine-synthesizing neurons in the basal forebrain of the rat. <i>Journal of Comparative Neurology</i> , 1993, 329, 438-457. | 0.9 | 363 |
| 631 | Heterogeneity and selectivity of the degeneration of cholinergic neurons in the basal forebrain of patients with Alzheimer's disease. <i>Journal of Comparative Neurology</i> , 1993, 330, 15-31. | 0.9 | 194 |
| 632 | Organization and synaptic connections of cholinergic fibers in the cat superior colliculus. <i>Journal of Comparative Neurology</i> , 1993, 333, 360-374. | 0.9 | 36 |
| 633 | Distribution and characterization of tumor necrosis factor- β -like immunoreactivity in the murine central nervous system. <i>Journal of Comparative Neurology</i> , 1993, 337, 543-567. | 0.9 | 213 |
| 634 | Neuroanatomical study of afferent projections to the supramammillary nucleus of the rat. <i>Anatomy and Embryology</i> , 1993, 188, 139-48. | 1.5 | 43 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 635 | Transsynaptic induction of c-fos in basal forebrain, diencephalic and midbrain neurons following AMPA-induced activation of the dorsal and ventral striatum. <i>Experimental Brain Research</i> , 1993, 93, 399-411. | 0.7 | 20 |
| 636 | Differential activation and survival of basal forebrain neurons following infusions of excitatory amino acids: studies with the immediate early gene c-fos. <i>Experimental Brain Research</i> , 1993, 93, 412-22. | 0.7 | 36 |
| 637 | Autoradiographic distribution of [3H]neurotensin receptors in the brains of superoxide dismutase transgenic mice. <i>Synapse</i> , 1993, 14, 24-33. | 0.6 | 12 |
| 638 | Formation of synapses between basal forebrain afferents and cerebral cortex neurons: an electron microscopic study in organotypic slice cultures. <i>Journal of Neurocytology</i> , 1993, 22, 627-643. | 1.6 | 20 |
| 639 | Independent effects of cholinergic and serotonergic lesions on acetylcholine and serotonin release in the neocortex of the rat. <i>Neurochemical Research</i> , 1993, 18, 277-283. | 1.6 | 22 |
| 640 | Nucleus basalis magnocellularis and hippocampus are the major sites of FMR-1 expression in the human fetal brain. <i>Nature Genetics</i> , 1993, 4, 147-153. | 9.4 | 251 |
| 641 | Neuronal Loss in the Pedunculopontine Tegmental Nucleus Ipsilateral to a Massive Cerebral Infarct. <i>Neuropathology</i> , 1993, 13, 175-179. | 0.7 | 0 |
| 642 | Comparative effects of excitotoxic lesions of the hippocampus and septum/diagonal band on conditional visual discrimination and spatial learning. <i>Neuropsychologia</i> , 1993, 31, 1099-1118. | 0.7 | 62 |
| 643 | Lesions of the nucleus basalis magnocellularis in immature rats: Short- and long-term biochemical and behavioral changes. <i>Pharmacology Biochemistry and Behavior</i> , 1993, 45, 19-25. | 1.3 | 9 |
| 644 | Effects of excitotoxic lesions of the nucleus basalis magnocellularis on conditioned taste aversion and inhibitory avoidance in the rat. <i>Pharmacology Biochemistry and Behavior</i> , 1993, 45, 147-152. | 1.3 | 28 |
| 645 | Immunohistochemical analysis of glutamate, cholecystokinin and vasoactive intestinal polypeptide in the lateral geniculate complex of albino rat: A developmental study. <i>Journal of Biosciences</i> , 1993, 18, 229-238. | 0.5 | 0 |
| 646 | On the role of the hippocampus in learning and memory in the rat. <i>Behavioral and Neural Biology</i> , 1993, 60, 9-26. | 2.3 | 1,019 |
| 647 | Ameliorative effects of the centrally active cholinesterase inhibitor, NIK-247, on impairment of working memory in rats. <i>Physiology and Behavior</i> , 1993, 53, 5-10. | 1.0 | 18 |
| 648 | Amygdaloid NMDA and muscarinic receptors involved in working memory performance of rats. <i>Physiology and Behavior</i> , 1993, 54, 993-997. | 1.0 | 18 |
| 649 | A comparative study of age-related changes in inhibitory processes and long-term potentiation in the lateral septum of mice. <i>Brain Research</i> , 1993, 620, 229-236. | 1.1 | 21 |
| 650 | Galanin-containing fibers innervate substance P-containing neurons in the pedunculopontine tegmental nucleus in humans. <i>Brain Research</i> , 1993, 618, 135-141. | 1.1 | 14 |
| 651 | 5-HT ₂ receptor immunoreactivity on cholinergic neurons of the pontomesencephalic tegmentum shown by double immunofluorescence. <i>Brain Research</i> , 1993, 627, 49-54. | 1.1 | 57 |
| 652 | Effects of chronic ethanol administration on acetylcholinesterase activity in the somatosensory cortex and basal forebrain of the rat. <i>Brain Research</i> , 1993, 627, 104-112. | 1.1 | 25 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 653 | Basal forebrain control of cortical cerebral blood flow is independent of local cortical neurons. <i>Brain Research</i> , 1993, 622, 26-34. | 1.1 | 18 |
| 654 | Decrease of somatostatin receptor binding in the rat cerebral cortex after ibotenic acid lesion of the nucleus basalis magnocellularis: a quantitative autoradiographic study. <i>Brain Research</i> , 1993, 628, 31-38. | 1.1 | 7 |
| 655 | Infusion of neurosteroids into the nucleus basalis magnocellularis affects cognitive processes in the rat. <i>Brain Research</i> , 1993, 607, 324-328. | 1.1 | 205 |
| 656 | Effects of muscarinic receptor agonists and anticholinesterase drugs on high voltage spindles and slow waves. <i>European Journal of Pharmacology</i> , 1993, 240, 1-7. | 1.7 | 8 |
| 657 | Relationships between testing-induced alterations of hippocampal cholinergic activity and memory performance on two spatial tasks in mice. <i>Behavioural Brain Research</i> , 1993, 56, 133-144. | 1.2 | 37 |
| 658 | Differential localization of nadph-diaphorase and calbindin-D28k within the cholinergic neurons of the basal forebrain, striatum and brainstem in the rat, monkey, baboon and human. <i>Neuroscience</i> , 1993, 54, 461-476. | 1.1 | 167 |
| 659 | Chapter 1: Cholinergic neurons identified by in situ hybridization histochemistry. <i>Progress in Brain Research</i> , 1993, 98, 1-8. | 0.9 | 24 |
| 660 | Chapter 5: The organization of central cholinergic systems and their functional importance in sleep-waking states. <i>Progress in Brain Research</i> , 1993, 98, 61-71. | 0.9 | 199 |
| 661 | Effect of ipsilateral lesioning of the nucleus basalis magnocellularis and of I- \hat{H} -glyceryl phosphorylcholine treatment on choline acetyltransferase and acetylcholinesterase in the rat fronto-parietal cortex. <i>Neuroscience Letters</i> , 1993, 164, 47-50. | 1.0 | 5 |
| 662 | Topographical organization of the sources of discrete cortical projections within the striatum as determined by a retrograde fluorescence tracing technique in the cat. <i>Neuroscience</i> , 1993, 57, 683-695. | 1.1 | 8 |
| 663 | Regional and laminar variations in acetylcholinesterase activity within the frontal cortex of the dog. <i>Journal of Chemical Neuroanatomy</i> , 1993, 6, 117-130. | 1.0 | 5 |
| 664 | Characterization of cholinergic and noradrenergic slow excitatory postsynaptic potentials from rat cerebral cortical neurons. <i>Neuroscience</i> , 1993, 53, 11-22. | 1.1 | 24 |
| 665 | Nicotinic depolarizations of rat medial pontine reticular formation neurons studied in vitro. <i>Neuroscience</i> , 1993, 57, 419-424. | 1.1 | 21 |
| 666 | Extrinsic and intrinsic properties underlying oscillation and synchrony in limbic cortex. <i>Progress in Neurobiology</i> , 1993, 41, 157-208. | 2.8 | 328 |
| 667 | Decreased cortical octopamine level in basal forebrain lesioned rats: A microdialysis study. <i>Neuroscience Letters</i> , 1993, 152, 45-47. | 1.0 | 3 |
| 668 | Immunocytochemical localization and description of neurons expressing serotonin ₂ receptors in the rat brain. <i>Neuroscience</i> , 1993, 54, 701-717. | 1.1 | 219 |
| 669 | Formation of the septohippocampal projection in vitro: An electron microscopic immunocytochemical study of cholinergic synapses. <i>Neuroscience</i> , 1993, 52, 815-827. | 1.1 | 27 |
| 670 | Collateral axons of cholinergic pontine neurones projecting to midline, mediodorsal and parafascicular thalamic nuclei in the rat. <i>Journal of Chemical Neuroanatomy</i> , 1993, 6, 101-114. | 1.0 | 40 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 671 | Basal forebrain stimulation facilitates tone-evoked responses in the auditory cortex of awake rat. <i>Neuroscience</i> , 1993, 56, 61-74. | 1.1 | 121 |
| 672 | Partial cloning of the rat choline acetyltransferase gene and in situ localization of its transcripts in the cell body of cholinergic neurons in the brain stem and spinal cord. <i>Molecular Brain Research</i> , 1993, 17, 101-111. | 2.5 | 13 |
| 673 | Effects of lesions in the horizontal diagonal band nucleus on olfactory habituation in the rat. <i>Neuroscience</i> , 1993, 57, 717-724. | 1.1 | 46 |
| 674 | Central neuroanatomical organisation of the rat visuomotor system. <i>Progress in Neurobiology</i> , 1993, 41, 209-279. | 2.8 | 5 |
| 675 | Potential of nerve growth factor-induced alterations in cholinergic fibre length and presynaptic terminal size in cortex of lesioned rats by the monosialoganglioside GM1. <i>Neuroscience</i> , 1993, 57, 21-40. | 1.1 | 127 |
| 676 | Prenatal exposure to methadone delays the development of striatal cholinergic neurons. <i>Developmental Brain Research</i> , 1993, 76, 239-248. | 2.1 | 17 |
| 677 | Effect of Chronic Ethanol on the Septohippocampal System: A Role for Neurotrophic Factors?. <i>Alcoholism: Clinical and Experimental Research</i> , 1993, 17, 12-18. | 1.4 | 45 |
| 678 | In situ hybridization localization of choline acetyltransferase mRNA in adult rat brain and spinal cord. <i>Molecular Brain Research</i> , 1993, 17, 59-69. | 2.5 | 95 |
| 679 | Reciprocal Links of the Corpus striatum with the Cerebral Cortex and Limbic System: A Common Substrate for Movement and Thought?. , 1993, , 598-618. | | 7 |
| 680 | Viruses and Behavioural Changes: A Review of Clinical and Experimental Findings. <i>Reviews in the Neurosciences</i> , 1993, 4, 267-86. | 1.4 | 38 |
| 681 | Regional Patterns of Bloodâ€“Brain Barrier Breakdown following Central and Lateral Fluid Percussion Injury in Rodents. <i>Journal of Neurotrauma</i> , 1993, 10, 415-430. | 1.7 | 120 |
| 682 | Chapter 32: Trophic responses of forebrain cholinergic neurons: a discussion. <i>Progress in Brain Research</i> , 1993, 98, 265-277. | 0.9 | 32 |
| 683 | Chapter 46: Cholinergic receptor subtypes and REM sleep in animals and normal controls. <i>Progress in Brain Research</i> , 1993, 98, 379-387. | 0.9 | 38 |
| 684 | Chapter 56: Overview and future directions of CNS cholinergic mechanisms. <i>Progress in Brain Research</i> , 1993, 98, 455-458. | 0.9 | 7 |
| 685 | Chapter 47: Acetylcholine as a brain state modulator: triggering and long-term regulation of REM sleep. <i>Progress in Brain Research</i> , 1993, 98, 389-404. | 0.9 | 38 |
| 686 | Chapter 2: Ascending cholinergic pathways: functional organization and implications for disease models. <i>Progress in Brain Research</i> , 1993, 98, 9-30. | 0.9 | 66 |
| 687 | Nonhuman Primate Models in Trophic Factor Research. , 1993, , 331-370. | | 2 |
| 688 | Hippocampal p75 Nerve Growth Factor Receptor Immunoreactivity in Development, Normal Aging and Senescence. <i>Cells Tissues Organs</i> , 1993, 147, 216-222. | 1.3 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 689 | Evidence for presynaptic inhibition of the olfactory commissural pathway by cholinergic agonists and stimulation of the nucleus of the diagonal band. <i>Journal of Neuroscience</i> , 1993, 13, 650-659. | 1.7 | 28 |
| 690 | Receptor distribution in the human and animal hippocampus: Focus on muscarinic acetylcholine receptors. <i>Hippocampus</i> , 1993, 3, 149-156. | 0.9 | 52 |
| 691 | Task-dependent effects of intra-amygdala morphine injections: attenuation by intra-amygdala glucose injections. <i>Journal of Neuroscience</i> , 1994, 14, 7478-7485. | 1.7 | 72 |
| 692 | Local modulation of basal forebrain: effects on working and reference memory. <i>Journal of Neuroscience</i> , 1994, 14, 3578-3587. | 1.7 | 135 |
| 693 | Neuronal activity within the nucleus basalis and conditioned neocortical electroencephalographic activation. <i>Journal of Neuroscience</i> , 1994, 14, 1623-1633. | 1.7 | 90 |
| 694 | Fluid Percussion Injury Causes Loss of Forebrain Choline Acetyltransferase and Nerve Growth Factor Receptor Immunoreactive Cells in the Rat. <i>Journal of Neurotrauma</i> , 1994, 11, 379-392. | 1.7 | 86 |
| 695 | Participation of cholinergic structures of the prefrontal and inferotemporal cortex in the processes of visual recognition in monkeys. <i>Neuroscience and Behavioral Physiology</i> , 1994, 24, 341-350. | 0.2 | 3 |
| 696 | Transient and prolonged facilitation of tone-evoked responses induced by basal forebrain stimulations in the rat auditory cortex. <i>Experimental Brain Research</i> , 1994, 97, 373-86. | 0.7 | 100 |
| 697 | Autoradiographic quantification of muscarinic cholinergic synaptic markers in bat, shrew, and rat brain. <i>Neurochemical Research</i> , 1994, 19, 581-589. | 1.6 | 5 |
| 698 | Cholinergic innervation of the retrosplenial cortex via the fornix pathway as determined by high affinity choline uptake, choline acetyltransferase activity, and muscarinic receptor binding in the rat. <i>Neurochemical Research</i> , 1994, 19, 1379-1386. | 1.6 | 14 |
| 699 | Differential expression of immediate early genes in distinct layers of rat cerebral cortex after selective immunolesion of the forebrain cholinergic system. <i>Journal of Neuroscience Research</i> , 1994, 38, 282-293. | 1.3 | 40 |
| 700 | Projections of GABAergic and cholinergic basal forebrain and GABAergic preoptic-anterior hypothalamic neurons to the posterior lateral hypothalamus of the rat. <i>Journal of Comparative Neurology</i> , 1994, 339, 251-268. | 0.9 | 168 |
| 701 | Cholinergic innervation of mouse forebrain structures. <i>Journal of Comparative Neurology</i> , 1994, 341, 117-129. | 0.9 | 98 |
| 702 | Topographical distribution of reduced nicotinamide adenine dinucleotide phosphate-diaphorase in the brain of the Japanese quail. <i>Journal of Comparative Neurology</i> , 1994, 342, 97-114. | 0.9 | 80 |
| 703 | Highly selective effects of nerve growth factor, brain-derived neurotrophic factor, and neurotrophin-3 on intact and injured basal forebrain magnocellular neurons. <i>Journal of Comparative Neurology</i> , 1994, 343, 247-262. | 0.9 | 112 |
| 704 | Pedunculopontine nucleus in the squirrel monkey: Distribution of cholinergic and monoaminergic neurons in the mesopontine tegmentum with evidence for the presence of glutamate in cholinergic neurons. <i>Journal of Comparative Neurology</i> , 1994, 344, 190-209. | 0.9 | 251 |
| 705 | Cholinergic innervation in the human hippocampal formation including the entorhinal cortex. <i>Journal of Comparative Neurology</i> , 1994, 345, 321-344. | 0.9 | 67 |
| 706 | Ultrastructural and morphometric features of the acetylcholine innervation in adult rat parietal cortex: An electron microscopic study in serial sections. <i>Journal of Comparative Neurology</i> , 1994, 348, 351-373. | 0.9 | 223 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 707 | GABAergic projection from the basal forebrain to the visual sector of the thalamic reticular nucleus in the cat. <i>Journal of Comparative Neurology</i> , 1994, 348, 481-510. | 0.9 | 66 |
| 708 | Fine structure of rat septohippocampal neurons. III. Recovery of choline acetyltransferase immunoreactivity after fimbria-fornix transection. <i>Journal of Comparative Neurology</i> , 1994, 350, 161-170. | 0.9 | 50 |
| 709 | TrkA-immunoreactive profiles in the central nervous system: Colocalization with neurons containing p75 nerve growth factor receptor, choline acetyltransferase, and serotonin. <i>Journal of Comparative Neurology</i> , 1994, 350, 587-611. | 0.9 | 321 |
| 710 | Runaway synaptic modification in models of cortex: Implications for Alzheimer's disease. <i>Neural Networks</i> , 1994, 7, 13-40. | 3.3 | 97 |
| 711 | Brain angiotensin receptor subtypes in the control of physiological and behavioral responses. <i>Neuroscience and Biobehavioral Reviews</i> , 1994, 18, 21-53. | 2.9 | 248 |
| 712 | Functional organization of the ventrolateral nucleus of the thalamus. <i>Neurophysiology</i> , 1994, 26, 378-390. | 0.2 | 2 |
| 713 | Acetylcholine determination of cerebrospinal fluid in aneurysmal subarachnoid hemorrhage. <i>World Neurosurgery</i> , 1994, 41, 399-404. | 1.3 | 5 |
| 714 | Monoaminergic afferents to cortex modulate structural plasticity in the barrel field of the mouse. <i>Developmental Brain Research</i> , 1994, 77, 189-202. | 2.1 | 60 |
| 715 | Localization of nitric oxide synthase in the adult rat brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1994, 345, 175-221. | 1.8 | 365 |
| 716 | Projection of non-cholinergic basal forebrain neurons ensheathed with perineuronal nets to rat mesocortex. <i>Journal of Chemical Neuroanatomy</i> , 1994, 8, 11-18. | 1.0 | 27 |
| 717 | Extent of bilateral collateralization among pontomesencephalic tegmental afferents to dorsal lateral geniculate nuclei of pigmented and albino rats. <i>Neuroscience</i> , 1994, 60, 521-535. | 1.1 | 12 |
| 718 | Localization of atrophy-prone areas in the aging mouse brain: Comparison between the brain atrophy model SAM-P/10 and the normal control SAM-R/1. <i>Neuroscience</i> , 1994, 59, 859-869. | 1.1 | 61 |
| 719 | Multiplicity of muscarinic autoreceptor subtypes? Comparison of the distribution of cholinergic cells and cells containing mRNA for five subtypes of muscarinic receptors in the rat brain. <i>Molecular Brain Research</i> , 1994, 21, 30-46. | 2.5 | 96 |
| 720 | Differential projections to the hippocampus by neurons of the medial septum and vertical limb of the diagonal band. <i>Brain Research</i> , 1994, 646, 129-134. | 1.1 | 17 |
| 721 | Possible involvement of the septo-hippocampal cholinergic and raphe-hippocampal serotonergic activations in the penile erection induced by fenfluramine in rats. <i>Brain Research</i> , 1994, 652, 181-189. | 1.1 | 22 |
| 722 | Cholinergic and GABAergic neurons in the rat medial septum express muscarinic acetylcholine receptors. <i>Brain Research</i> , 1994, 652, 263-272. | 1.1 | 53 |
| 723 | Cholinergic and GABAergic septo-hippocampal projection neurons in mice: a retrograde tracing study combined with double immunocytochemistry for choline acetyltransferase and parvalbumin. <i>Brain Research</i> , 1994, 653, 73-80. | 1.1 | 29 |
| 724 | Possible involvement of brain somatostatin in the memory formation of rats and the cognitive enhancing action of FR121196 in passive avoidance task. <i>Brain Research</i> , 1994, 642, 11-19. | 1.1 | 59 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 725 | Enhancement of choline acetyltransferase activity in coculture of rat septal and hippocampal neurons. <i>Brain Research</i> , 1994, 642, 38-46. | 1.1 | 5 |
| 726 | Blockade of hippocampal M1 muscarinic receptors impairs working memory performance of rats. <i>Brain Research</i> , 1994, 650, 260-266. | 1.1 | 69 |
| 727 | Brainstem dopaminergic, cholinergic and serotonergic afferents to the pallidum in the squirrel monkey. <i>Brain Research</i> , 1994, 640, 155-170. | 1.1 | 74 |
| 728 | 5-HT1A and muscarinic acetylcholine receptors jointly regulate passive avoidance behavior. <i>European Journal of Pharmacology</i> , 1994, 262, 77-90. | 1.7 | 48 |
| 729 | Hypothermia induced by cholinomimetic drugs is blocked by galanin: possible involvement of ATP-sensitive K ⁺ channels. <i>European Journal of Pharmacology</i> , 1994, 255, 25-32. | 1.7 | 17 |
| 730 | The pedunculopontine tegmental nucleus: a role in cognitive processes?. <i>Brain Research Reviews</i> , 1994, 19, 298-318. | 9.1 | 145 |
| 731 | Recent advances in basic aging research on the nervous system in Japan. <i>Archives of Gerontology and Geriatrics</i> , 1994, 19, 123-133. | 1.4 | 1 |
| 732 | The evolution of the dorsal pallidum in the telencephalon of amniotes: Cladistic analysis and a new hypothesis. <i>Brain Research Reviews</i> , 1994, 19, 66-101. | 9.1 | 216 |
| 733 | Post-training nucleus basalis magnocellularis functional tetrodotoxin blockade effects on passive avoidance consolidation in the rat. <i>Behavioural Brain Research</i> , 1994, 61, 191-196. | 1.2 | 10 |
| 734 | Two types of cholinergic projections to the rat amygdala. <i>Neuroscience</i> , 1994, 60, 383-397. | 1.1 | 100 |
| 735 | Serotonergic and cholinergic inhibition of mesopontine cholinergic neurons controlling rem sleep: An in vitro electrophysiological study. <i>Neuroscience</i> , 1994, 59, 309-330. | 1.1 | 264 |
| 736 | Loss of striatal high affinity NGF binding sites in progressive supranuclear palsy but not in Parkinson's disease. <i>Neuroscience Letters</i> , 1994, 182, 59-62. | 1.0 | 11 |
| 737 | Differential expression of GAP-43 mRNA in adult central cholinergic neuronal populations. <i>Molecular Brain Research</i> , 1994, 23, 213-220. | 2.5 | 15 |
| 738 | Cerebellar-responsive neurons in the thalamic ventroanterior-ventrolateral complex of rats: Light and electron microscopy. <i>Neuroscience</i> , 1994, 63, 725-745. | 1.1 | 38 |
| 739 | Enhanced acetylcholine release in hippocampus and cortex during the anticipation and consumption of a palatable meal. <i>Neuroscience</i> , 1994, 62, 1049-1056. | 1.1 | 128 |
| 740 | Sensory responsiveness of "Broad-spike" neurons in the laterodorsal tegmental nucleus, locus coeruleus and dorsal raphe of awake rats: Implications for cholinergic and monoaminergic neuron-specific responses. <i>Neuroscience</i> , 1994, 63, 1021-1031. | 1.1 | 74 |
| 741 | Neural graft augmentation through co-grafting: Implantation of cells as sources of survival and growth factors. <i>Progress in Neurobiology</i> , 1994, 44, 309-331. | 2.8 | 12 |
| 743 | Expression of neurotrophin and trk receptor genes in adult rats with fimbria transections: Effect of intraventricular nerve growth factor and brain-derived neurotrophic factor administration. <i>Neuroscience</i> , 1994, 59, 797-815. | 1.1 | 90 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 744 | The 1993 Upjohn Award Lecture. Quinolinic acid induced brain neurotransmitter deficits: modulation by endogenous excitotoxin antagonists. <i>Canadian Journal of Physiology and Pharmacology</i> , 1994, 72, 1473-1482. | 0.7 | 31 |
| 745 | A Screening Concept Based on a Hypothesis Led to the Development of a Putative Cognitive Enhancer That Stimulates Penile Erection. <i>The Japanese Journal of Pharmacology</i> , 1994, 64, 147-154. | 1.2 | 5 |
| 746 | Role of the Dopaminergic, Serotonergic and Cholinergic Link in the Expression of Penile Erection in Rats. <i>The Japanese Journal of Pharmacology</i> , 1994, 66, 59-66. | 1.2 | 16 |
| 747 | Neurotensin excites basal forebrain cholinergic neurons: ionic and signal-transduction mechanisms.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 2853-2857. | 3.3 | 50 |
| 748 | Involvement of Raphe-Hippocampal Serotonergic and Septo-Hippocampal Cholinergic Mechanisms in the Penile Erection Induced by FR121196, a Putative Cognitive Enhancer. <i>The Japanese Journal of Pharmacology</i> , 1995, 68, 85-94. | 1.2 | 2 |
| 749 | Role of Tegmental Cholinergic Neurons in Dopaminergic Activation, Antimuscarinic Psychosis and Schizophrenia. <i>Neuropsychopharmacology</i> , 1995, 12, 3-16. | 2.8 | 176 |
| 750 | Death of septal cholinergic neurons produced by chronic exposure to glutamate is prevented by the noncompetitive NMDA receptor/channel antagonist, MK-801: Role of nerve growth factor and nitric oxide. <i>Journal of Neuroscience Research</i> , 1995, 40, 764-775. | 1.3 | 13 |
| 751 | In situ hybridization analysis of CHOT1, a creatine transporter, in the rat central nervous system. <i>Journal of Comparative Neurology</i> , 1995, 351, 94-103. | 0.9 | 44 |
| 752 | Development of basal forebrain projections to visual cortex: Dil studies in rat. <i>Journal of Comparative Neurology</i> , 1995, 354, 608-626. | 0.9 | 42 |
| 753 | Cholinergic innervation of the primate hippocampal formation. I. Distribution of choline acetyltransferase immunoreactivity in the <i>Macaca fascicularis</i> and <i>Macaca mulatta</i> monkeys. <i>Journal of Comparative Neurology</i> , 1995, 355, 135-170. | 0.9 | 59 |
| 754 | Histochemical and immunocytochemical localization of nitric oxide synthase in the central nervous system of the goldfish, <i>Carassius auratus</i> . <i>Journal of Comparative Neurology</i> , 1995, 358, 353-382. | 0.9 | 85 |
| 755 | Reduced nicotinamide adenine dinucleotide phosphate-diaphorase/nitric oxide synthase profiles in the human hippocampal formation and perirhinal cortex. <i>Journal of Comparative Neurology</i> , 1995, 358, 440-464. | 0.9 | 31 |
| 756 | Fate of GABAergic septohippocampal neurons after fimbria-fornix transection as revealed by in situ hybridization for glutamate decarboxylase mRNA and parvalbumin immunocytochemistry. <i>Journal of Comparative Neurology</i> , 1995, 362, 385-399. | 0.9 | 30 |
| 757 | Interdigitation of nitric oxide synthase-, tyrosine hydroxylase-, and serotonin-containing neurons in and around the laterodorsal and pedunculopontine tegmental nuclei of the guinea pig. <i>Journal of Comparative Neurology</i> , 1995, 362, 411-432. | 0.9 | 65 |
| 758 | GABAergic neurons in the rat pontomesencephalic tegmentum: Codistribution with cholinergic and other tegmental neurons projecting to the posterior lateral hypothalamus. <i>Journal of Comparative Neurology</i> , 1995, 363, 177-196. | 0.9 | 315 |
| 759 | The nucleus accumbens in monkeys (<i>Macaca fascicularis</i>). <i>Experimental Brain Research</i> , 1995, 106, 239-47. | 0.7 | 56 |
| 760 | In vivo intracellular recordings of medial septal and diagonal band of Broca neurons: relationships with theta rhythm. <i>Experimental Brain Research</i> , 1995, 103, 31-40. | 0.7 | 34 |
| 761 | Excitotoxic lesions of the pedunculopontine tegmental nucleus disinhibit orofacial behaviours stimulated by microinjections of d-amphetamine into rat ventrolateral caudate-putamen. <i>Experimental Brain Research</i> , 1995, 104, 262-74. | 0.7 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 762 | GABAergic projection from the ventral pallidum and globus pallidus to the subthalamic nucleus. <i>Synapse</i> , 1995, 20, 10-18. | 0.6 | 49 |
| 763 | Long-Term Spatial Cognitive Impairment after Middle Cerebral Artery Occlusion in Rats: No Involvement of the Hippocampus. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995, 15, 1012-1021. | 2.4 | 56 |
| 764 | Essential role of neocortical acetylcholine in spatial memory. <i>Nature</i> , 1995, 375, 484-487. | 13.7 | 285 |
| 765 | AMPA-induced Lesions of the Basal Forebrain Differentially Affect Cholinergic and Non-cholinergic Neurons: Lesion Assessment Using Quantitative In Situ Hybridization Histochemistry. <i>European Journal of Neuroscience</i> , 1995, 7, 1012-1021. | 1.2 | 27 |
| 766 | The Distribution of Neurons Coexpressing Immunoreactivity to AMPA-sensitive Glutamate Receptor Subtypes (GluR1-4) and Nerve Growth Factor Receptor in the Rat Basal Forebrain. <i>European Journal of Neuroscience</i> , 1995, 7, 1022-1033. | 1.2 | 55 |
| 767 | Neuronal activity in the peribrachial area: Relationship to behavioral state control. <i>Neuroscience and Biobehavioral Reviews</i> , 1995, 19, 67-84. | 2.9 | 196 |
| 768 | Effects of ginsenosides on impaired performance induced in the rat by scopolamine in a radial-arm maze. <i>Psychoneuroendocrinology</i> , 1995, 20, 645-653. | 1.3 | 36 |
| 769 | The cholinergic contribution to neuromodulation in the cerebral cortex. <i>Seminars in Neuroscience</i> , 1995, 7, 297-307. | 2.3 | 28 |
| 770 | Organization of the basal forebrain in the cat: localization of l-enkephalin, substance P, and choline acetyltransferase immunoreactivity. <i>Brain Research</i> , 1995, 672, 237-250. | 1.1 | 10 |
| 771 | Microdialysis measurement of cortical and hippocampal acetylcholine release during sleep-wake cycle in freely moving cats. <i>Brain Research</i> , 1995, 671, 329-332. | 1.1 | 558 |
| 772 | A single intraseptal injection of nerve growth factor facilitates radial maze performance following damage to the medial septum in rats. <i>Brain Research</i> , 1995, 679, 99-109. | 1.1 | 14 |
| 773 | Septo-hippocampal cholinergic system under the discrimination learning task in the rat: a microdialysis study with the dual-probe approach. <i>Brain Research</i> , 1995, 684, 1-7. | 1.1 | 54 |
| 774 | Effects of scopolamine infusions into the anterior and posterior cingulate on passive avoidance and water maze navigation. <i>Brain Research</i> , 1995, 685, 46-54. | 1.1 | 46 |
| 775 | Behavioral and neurobiological alterations induced by the immunotoxin 192-IgG-saporin: cholinergic and non-cholinergic effects following i.c.v. injection. <i>Brain Research</i> , 1995, 702, 233-245. | 1.1 | 94 |
| 776 | Role of the cholinergic system in the regulation of neurotrophin synthesis. <i>Brain Research</i> , 1995, 705, 247-254. | 1.1 | 40 |
| 777 | Cholinergic regulation of female sexual behavior. , 1995, , 184-206. | | 2 |
| 778 | Nerve growth factor facilitates cholinergic neurotransmission between nucleus basalis and the amygdala in rat: an electrophysiological analysis. <i>Journal of Neuroscience</i> , 1995, 15, 8131-8142. | 1.7 | 28 |
| 779 | Cholinergic basal forebrain neurons project to cortical microvessels in the rat: electron microscopic study with anterogradely transported Phaseolus vulgaris leucoagglutinin and choline acetyltransferase immunocytochemistry. <i>Journal of Neuroscience</i> , 1995, 15, 7427-7441. | 1.7 | 185 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 780 | Distribution of pontomesencephalic cholinergic neurons projecting to substantia nigra differs significantly from those projecting to ventral tegmental area. <i>Journal of Neuroscience</i> , 1995, 15, 5859-5869. | 1.7 | 355 |
| 781 | The impact of basal forebrain lesions on the ability of rats to perform a sensory discrimination task involving barrel cortex. <i>Journal of Neuroscience</i> , 1995, 15, 1099-1109. | 1.7 | 44 |
| 782 | Expression of Nerve Growth Factor, p75, and trk in the Somatosensory and Motor Cortices of Mature Rats: Evidence for Local Trophic Support Circuits. <i>Somatosensory & Motor Research</i> , 1995, 12, 329-342. | 0.4 | 34 |
| 783 | Loss of forebrain cholinergic neurons following fluid-percussion injury: implications for cognitive impairment in closed head injury. <i>Journal of Neurosurgery</i> , 1995, 83, 496-502. | 0.9 | 94 |
| 784 | Acetylcholine: a neurotransmitter for learning and memory?. <i>Brain Research Reviews</i> , 1995, 21, 285-300. | 9.1 | 532 |
| 785 | Sexual dimorphism in the mammalian limbic system. <i>Progress in Neurobiology</i> , 1995, 45, 275-333. | 2.8 | 180 |
| 786 | The pedunclopontine tegmental nucleus: Where the striatum meets the reticular formation. <i>Progress in Neurobiology</i> , 1995, 47, 1-29. | 2.8 | 391 |
| 787 | The pedunclopontine nucleus—Auditory input, arousal and pathophysiology. <i>Progress in Neurobiology</i> , 1995, 47, 105-133. | 2.8 | 224 |
| 788 | Chemical anatomy of primate basal ganglia. <i>Progress in Neurobiology</i> , 1995, 46, 131-197. | 2.8 | 134 |
| 789 | Effects of neonatal hypoxia on brainstem cholinergic neurons-pedunclopontine nucleus and laterodorsal tegmental nucleus. <i>Brain and Development</i> , 1995, 17, 264-270. | 0.6 | 13 |
| 790 | Identified cholinergic neurones in the adult rat brain are enriched in GAP-43 mRNA: a double in situ hybridisation study. <i>Journal of Chemical Neuroanatomy</i> , 1995, 9, 17-26. | 1.0 | 14 |
| 791 | P3b-like potential of rats recorded in an active discrimination task. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1995, 96, 555-560. | 2.0 | 26 |
| 792 | Expression of insulin receptor-related receptor mRNA in the rat brain is highly restricted to forebrain cholinergic neurons. <i>Neuroscience Letters</i> , 1995, 188, 105-108. | 1.0 | 16 |
| 793 | Neuromodulation and cortical function: modeling the physiological basis of behavior. <i>Behavioural Brain Research</i> , 1995, 67, 1-27. | 1.2 | 496 |
| 794 | The role of serotonergic-cholinergic interactions in the mediation of cognitive behaviour. <i>Behavioural Brain Research</i> , 1995, 67, 165-199. | 1.2 | 284 |
| 795 | Effects of chronic alcohol consumption on the cholinergic innervation of the rat hippocampal formation as revealed by choline acetyltransferase immunocytochemistry. <i>Neuroscience</i> , 1995, 64, 357-374. | 1.1 | 32 |
| 796 | Microanatomical and electrophysiological changes of the rat dentate gyrus caused by lesions of the nucleus basalis magnocellularis. <i>Neuroscience Letters</i> , 1995, 190, 207-211. | 1.0 | 6 |
| 797 | Muscarinic receptor modulation of acetylcholine release from rat cerebral cortex and hippocampus. <i>Neuroscience Letters</i> , 1995, 190, 53-56. | 1.0 | 48 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 798 | Identification of distinct GABAA-receptor subtypes in cholinergic and parvalbumin-positive neurons of the rat and marmoset medial septumâ€”diagonal band complex. <i>Neuroscience</i> , 1995, 65, 101-117. | 1.1 | 98 |
| 799 | Changes in brain somatostatin in memory-deficient rats: comparison with cholinergic markers. <i>Neuroscience</i> , 1995, 66, 617-626. | 1.1 | 49 |
| 800 | Synaptic and non-synaptic cholinergic innervation of the various types of neurons in the main olfactory bulb of adult rat: Immunocytochemistry of choline acetyltransferase. <i>Neuroscience</i> , 1995, 67, 667-677. | 1.1 | 73 |
| 801 | Electrophysiological study of the excitatory parafascicular projection to the subthalamic nucleus and evidence for ipsi- and contralateral controls. <i>Neuroscience</i> , 1995, 67, 399-407. | 1.1 | 92 |
| 802 | Role of nitric oxide and acetylcholine in neocortical hyperemia elicited by basal forebrain stimulation: Evidence for an involvement of endothelial nitric oxide. <i>Neuroscience</i> , 1995, 69, 1195-1204. | 1.1 | 78 |
| 803 | Anatomical analysis of the neurons expressing the acetylcholinesterase gene in the rat brain, with special reference to the striatum. <i>Neuroscience</i> , 1995, 64, 995-1005. | 1.1 | 26 |
| 804 | Cholinergic nucleus basalis neurons are excited by histamine in vitro. <i>Neuroscience</i> , 1995, 69, 495-506. | 1.1 | 205 |
| 805 | Expression of GABAA receptor subunit messenger RNA in non-cholinergic neurons of the rat basal forebrain. <i>Neuroscience</i> , 1995, 65, 1077-1086. | 1.1 | 19 |
| 806 | Role of Tegmental Cholinergic Neurons in Dopaminergic Activation, Antimuscarinic Psychosis and Schizophrenia. <i>Neuropsychopharmacology</i> , 1995, 12, 3-16. | 2.8 | 59 |
| 807 | A method for labeling embryonic rat medial septal region projection neurons, in vitro, using fluorescent tracers. <i>Brain Research Bulletin</i> , 1995, 37, 317-323. | 1.4 | 2 |
| 808 | Direct projections from the pedunculo-pontine and laterodorsal tegmental nuclei to area 17 of the visual cortex in the cat. <i>Neuroscience Research</i> , 1996, 26, 109-118. | 1.0 | 30 |
| 809 | The role of the cingulate gyrus in depression: From functional anatomy to neurochemistry. <i>Biological Psychiatry</i> , 1996, 39, 1044-1050. | 0.7 | 163 |
| 810 | Vesamicol Receptor Mapping of Brain Cholinergic Neurons with Radioiodine- Labeled Positional Isomers of Benzovesamicol1. <i>Journal of Medicinal Chemistry</i> , 1996, 39, 3331-3342. | 2.9 | 50 |
| 811 | Changes in cortical acetylcholine release in the rat during day and night: differences between motor and sensory areas. <i>Neuroscience</i> , 1996, 71, 567-579. | 1.1 | 130 |
| 812 | Differential effects of Î±-amino-3-hydroxy-5-methyl-4-isoxazole propionic acid and N-methyl-D-aspartate receptor antagonists applied to the basal forebrain on cortical acetylcholine release and electroencephalogram desynchronization. <i>Neuroscience</i> , 1996, 72, 419-427. | 1.1 | 52 |
| 813 | Cholinergic innervation of cerebral cortex in organotypic slice cultures: Sustained basal forebrain and transient striatal cholinergic projections. <i>Neuroscience</i> , 1996, 72, 1117-1132. | 1.1 | 19 |
| 814 | SEROTONIN 1A RECEPTORS ARE EXPRESSED BY A SUBPOPULATION OF CHOLINERGIC NEURONS IN THE RAT MEDIAL SEPTUM AND DIAGONAL BAND OF BROCAâ€”A DOUBLE IMMUNOCYTOCHEMICAL STUDY. <i>Neuroscience</i> , 1996, 74, 143-154. | 1.1 | 65 |
| 815 | COMPARATIVE STUDY OF BRAIN-DERIVED NEUROTROPHIC FACTOR MESSENGER RNA AND PROTEIN AT THE CELLULAR LEVEL SUGGESTS MULTIPLE ROLES IN HIPPOCAMPUS, STRIATUM AND CORTEX. <i>Neuroscience</i> , 1996, 74, 161-183. | 1.1 | 129 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 816 | EFFECTS OF NEONATAL LESIONS OF THE BASAL FOREBRAIN CHOLINERGIC SYSTEM BY 192 IMMUNOGLOBULIN G-SAPORIN: BIOCHEMICAL, BEHAVIOURAL AND MORPHOLOGICAL CHARACTERIZATION. <i>Neuroscience</i> , 1996, 74, 119-141. | 1.1 | 68 |
| 817 | Quantitative morphology of physiologically identified and intracellularly labeled neurons from the guinea-pig laterodorsal tegmental nucleus in vitro. <i>Neuroscience</i> , 1996, 74, 375-392. | 1.1 | 22 |
| 818 | Effects of ventral hippocampal galanin on spatial learning and on in vivo acetylcholine release in the rat. <i>Neuroscience</i> , 1996, 75, 1127-1140. | 1.1 | 114 |
| 819 | Reduced retrograde labelling with fluorescent tracer accompanies neuronal atrophy of basal forebrain cholinergic neurons in aged rats. <i>Neuroscience</i> , 1996, 75, 19-27. | 1.1 | 75 |
| 820 | c-Fos immunohistochemical localization of neurons in the mesencephalic locomotor region in the rat brain. <i>Neuroscience</i> , 1996, 75, 793-803. | 1.1 | 24 |
| 821 | Rhythmic firing of medial septum non-cholinergic neurons. <i>Neuroscience</i> , 1996, 75, 671-675. | 1.1 | 59 |
| 822 | Spatial relationship between neurotensinergic axons and cholinergic neurons in the rat basal forebrain: a light microscopic study with three-dimensional reconstruction. <i>Journal of Chemical Neuroanatomy</i> , 1996, 10, 147-156. | 1.0 | 11 |
| 823 | Expression of insulin receptor-related receptor in the rat brain examined by in situ hybridization and immunohistochemistry. <i>Molecular Brain Research</i> , 1996, 41, 250-258. | 2.5 | 18 |
| 824 | Responses of basal forebrain cholinergic neurons to damage in the adult brain. <i>Progress in Neurobiology</i> , 1996, 48, 219-254. | 2.8 | 29 |
| 825 | Physiological measures of conduction velocity and refractory period for putative reward-relevant MFB axons arising in the rostral MFB. <i>Physiology and Behavior</i> , 1996, 59, 427-437. | 1.0 | 28 |
| 826 | Direct Intracerebral Nerve Growth Factor Gene Transfer Using a Recombinant Adenovirus: Effect on Basal Forebrain Cholinergic Neurons during Aging. <i>Neurobiology of Disease</i> , 1996, 3, 76-86. | 2.1 | 44 |
| 827 | Increased striatal dopamine efflux follows scopolamine administered systemically or to the tegmental pedunculo-pontine nucleus. <i>Neuroscience</i> , 1996, 76, 177-186. | 1.1 | 74 |
| 828 | Comparison of site-specific injections into the basal forebrain on water maze and radial arm maze performance in the male rat after immunolesioning with 192 IgG saporin. <i>Behavioural Brain Research</i> , 1996, 82, 93-101. | 1.2 | 83 |
| 829 | Inescapable stress enhances extracellular acetylcholine in the rat hippocampus and prefrontal cortex but not the nucleus accumbens or amygdala. <i>Neuroscience</i> , 1996, 74, 767-774. | 1.1 | 170 |
| 830 | High-voltage-activated calcium currents in basal forebrain neurons during aging. <i>Journal of Neurophysiology</i> , 1996, 76, 158-174. | 0.9 | 55 |
| 831 | Voltage-Gated K ⁺ Channel β Subunits: Expression and Distribution of Kv β 1 and Kv β 2 in Adult Rat Brain. <i>Journal of Neuroscience</i> , 1996, 16, 4846-4860. | 1.7 | 151 |
| 832 | Tacrine overcompensates for the decreased blood flow induced by basal forebrain lesion in the rat. <i>NeuroReport</i> , 1996, 8, 103-108. | 0.6 | 7 |
| 833 | Basal Forebrain Cholinergic Lesions and Complete Transection of Septal-Hippocampal Pathway. <i>Methods in Neurosciences</i> , 1996, , 106-115e. | 0.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 834 | Galanin receptor antagonist M40 blocks galanin-induced choice accuracy deficits on a delayed-nonmatching-to-position task.. Behavioral Neuroscience, 1996, 110, 1025-1032. | 0.6 | 49 |
| 835 | Effect of TA-0910, a Novel Thyrotropin-Releasing Hormone Analog, on In Vivo Acetylcholine Release and Turnover in Rat Brain. The Japanese Journal of Pharmacology, 1996, 71, 139-145. | 1.2 | 15 |
| 836 | Medial septal injection of naloxone elevates acetylcholine release in the hippocampus and induces behavioral seizures in rats. Brain Research, 1996, 713, 1-7. | 1.1 | 31 |
| 837 | A microiontophoretic study of acetylcholine effects in the inferior colliculus of horseshoe bats: implications for a modulatory role. Brain Research, 1996, 724, 169-179. | 1.1 | 39 |
| 838 | Injection of IgG 192-saporin into the medial septum produces cholinergic hypofunction and dose-dependent working memory deficits. Brain Research, 1996, 726, 69-79. | 1.1 | 226 |
| 839 | Atrophy of cholinergic basal forebrain neurons following excitotoxic cortical lesions is reversed by intravenous administration of an NGF conjugate. Brain Research, 1996, 728, 193-203. | 1.1 | 53 |
| 840 | Brain somatostatin depletion by cysteamine attenuates the penile erection induced by serotonergic and dopaminergic, but not by cholinergic, activation in rats. Brain Research, 1996, 729, 132-136. | 1.1 | 7 |
| 841 | Blockade of 5-HT1A receptors compensates loss of hippocampal cholinergic neurotransmission involved in working memory of rats. Brain Research, 1996, 736, 180-188. | 1.1 | 31 |
| 842 | Intraseptal injection of the cholinergic immunotoxin 192-IgG saporin fails to disrupt latent inhibition in a conditioned taste aversion paradigm. Brain Research, 1996, 736, 260-269. | 1.1 | 27 |
| 843 | Regional differences of the effect of ? receptor ligands on the acetylcholine release in the rat brain. Journal of Neural Transmission, 1996, 103, 661-669. | 1.4 | 25 |
| 844 | $\hat{1}\pm 2$ -Adrenoceptor antagonists potentiate acetylcholinesterase inhibitor effects on passive avoidance learning in the rat. Psychopharmacology, 1996, 124, 347-354. | 1.5 | 35 |
| 845 | Localization of nitric oxide synthase in the brain of the frog, <i>Xenopus laevis</i> . Brain Research, 1996, 741, 331-343. | 1.1 | 67 |
| 846 | Cholinergic neurons from different subdivisions of the basal forebrain lack connectional specificity for cerebral cortical target sites in vitro. Developmental Brain Research, 1996, 97, 143-147. | 2.1 | 8 |
| 847 | Colocalization of ionotropic glutamate receptor subunits with NADPH-diaphorase-containing neurons in the rat mesopontine tegmentum. Journal of Comparative Neurology, 1996, 368, 17-32. | 0.9 | 128 |
| 848 | Cholinergic and noncholinergic tegmental pedunclopontine projection neurons in rats revealed by intracellular labeling. , 1996, 371, 345-361. | | 130 |
| 849 | Direct catecholaminergic-cholinergic interactions in the basal forebrain. II. Substantia nigra-ventral tegmental area projections to cholinergic neurons. , 1996, 374, 555-577. | | 91 |
| 850 | Genetic variation in the morphology of the septo-hippocampal cholinergic and GABAergic system in mice. I. Cholinergic and GABAergic markers. Hippocampus, 1996, 6, 136-148. | 0.9 | 24 |
| 851 | Retrograde labeling of rat dorsolateral septal nucleus neurons following intraseptal injections of WGA-HRP. , 1996, 22, 261-268. | | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 852 | Synaptic organization of afferent projections to the supramammillary nucleus of the rat. <i>Anatomy and Embryology</i> , 1996, 193, 249-57. | 1.5 | 7 |
| 853 | Cholinergic activation of the electrocorticogram: an amygdaloid activating system. <i>Experimental Brain Research</i> , 1996, 108, 285-96. | 0.7 | 89 |
| 854 | Chapter 28 The systems-level organization of cholinergic innervation in the human cerebral cortex and its alterations in Alzheimer's disease. <i>Progress in Brain Research</i> , 1996, 109, 285-297. | 0.9 | 111 |
| 855 | Physostigmine pharmacotherapy for anomia. <i>Neurocase</i> , 1996, 2, 83-91. | 0.2 | 25 |
| 856 | Chapter 30 The ascending basal forebrain cholinergic system. <i>Progress in Brain Research</i> , 1996, 107, 513-522. | 0.9 | 11 |
| 857 | Postnatal development of functional properties of visual cortical cells in rats with excitotoxic lesions of basal forebrain cholinergic neurons. <i>Visual Neuroscience</i> , 1997, 14, 111-123. | 0.5 | 21 |
| 858 | Different effects of postnatal day 1 versus 7 192 immunoglobulin G-saporin lesions on learning, exploratory behaviors, and neurochemistry in juvenile rats.. <i>Behavioral Neuroscience</i> , 1997, 111, 1292-1302. | 0.6 | 37 |
| 859 | Chapter V The cholinergic system in the primate brain: basal forebrain and pontine-tegmental cell groups. <i>Handbook of Chemical Neuroanatomy</i> , 1997, , 217-262. | 0.3 | 12 |
| 860 | Effects of CRH and LHRH on Rat Septo-Hippocampal Neurons.. <i>Endocrine Journal</i> , 1997, 44, 519-525. | 0.7 | 4 |
| 861 | Contributions of the Pedunculopontine Region to Normal and Altered REM Sleep. <i>Sleep</i> , 1997, 20, 757-788. | 0.6 | 377 |
| 862 | Chapter VII Chemical neuroanatomy of the primate insula cortex: Relationship to cytoarchitectonics, connectivity, function and neurodegeneration. <i>Handbook of Chemical Neuroanatomy</i> , 1997, , 377-454. | 0.3 | 8 |
| 863 | Hormone replacement: therapeutic strategies in the treatment of Alzheimer's disease and ageing-related cognitive disorders. <i>Expert Opinion on Therapeutic Patents</i> , 1997, 7, 611-629. | 2.4 | 5 |
| 864 | Ageing and the dendritic morphology of the rat laterodorsal and pedunculopontine tegmental nuclei. <i>Mechanisms of Ageing and Development</i> , 1997, 97, 193-205. | 2.2 | 14 |
| 865 | Fluid Percussion Injury Causes Disruption of the Septohippocampal Pathway in the Rat. <i>Experimental Neurology</i> , 1997, 143, 177-187. | 2.0 | 20 |
| 866 | 17 β -Estradiol Attenuates Fimbrial Lesion-Induced Decline of ChAT-Immunoreactive Neurons in the Rat Medial Septum. <i>Experimental Neurology</i> , 1997, 146, 179-186. | 2.0 | 57 |
| 867 | Chronic Administration of a Partial Muscarinic M1 Receptor Agonist Attenuates Decreases in Forebrain Choline Acetyltransferase Immunoreactivity Following Experimental Brain Trauma. <i>Experimental Neurology</i> , 1997, 147, 55-65. | 2.0 | 23 |
| 868 | CENTRAL CHOLINERGIC SYSTEMS AND COGNITION. <i>Annual Review of Psychology</i> , 1997, 48, 649-684. | 9.9 | 1,360 |
| 869 | Cholinergic immunolesions by 192IgG saporin—a useful tool to simulate pathogenic aspects of Alzheimer's disease. <i>International Journal of Developmental Neuroscience</i> , 1997, 15, 835-850. | 0.7 | 39 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 870 | Selective decline of 5-HT1A receptor binding sites in rat cortex, hippocampus and cholinergic basal forebrain nuclei during aging. <i>Journal of Chemical Neuroanatomy</i> , 1997, 13, 53-61. | 1.0 | 63 |
| 871 | Nerve Growth Factor Attenuates Cholinergic Deficits Following Traumatic Brain Injury in Rats. <i>Experimental Neurology</i> , 1997, 146, 479-490. | 2.0 | 119 |
| 872 | Anti-brain spectrin immunoreactivity in Alzheimer's disease: degradation of spectrin in an animal model of cholinergic degeneration. <i>Journal of Neuroimmunology</i> , 1997, 77, 91-98. | 1.1 | 17 |
| 873 | Modulation of cognitive processes by transsynaptic activation of the basal forebrain. <i>Behavioural Brain Research</i> , 1997, 84, 1-22. | 1.2 | 51 |
| 874 | Comparison of site specific injections into the basal forebrain on water maze and radial arm maze performance in the male rat after immunolesioning with 192 IgG saporin. <i>Behavioural Brain Research</i> , 1997, 86, 181-189. | 1.2 | 66 |
| 875 | SA4503, a novel cognitive enhancer, with $\alpha 1$ receptor agonistic properties. <i>Behavioural Brain Research</i> , 1997, 83, 221-224. | 1.2 | 67 |
| 876 | RETT SYNDROME: NEUROBIOLOGICAL CHANGES UNDERLYING SPECIFIC SYMPTOMS. <i>Progress in Neurobiology</i> , 1997, 51, 383-391. | 2.8 | 58 |
| 877 | PHARMACOLOGICAL ASPECTS OF HUMAN AND CANINE NARCOLEPSY. <i>Progress in Neurobiology</i> , 1997, 52, 27-78. | 2.8 | 526 |
| 878 | THE FIMBRIA-FORNIX/CINGULAR BUNDLE PATHWAYS: A REVIEW OF NEUROCHEMICAL AND BEHAVIOURAL APPROACHES USING LESIONS AND TRANSPLANTATION TECHNIQUES. <i>Progress in Neurobiology</i> , 1997, 51, 663-716. | 2.8 | 109 |
| 879 | Ventral and dorsal striatal cholinergic neurons have different sensitivities to kainic acid. <i>Neurochemistry International</i> , 1997, 31, 723-730. | 1.9 | 6 |
| 880 | Retrograde degeneration and colchicine protection of basal forebrain cholinergic neurons following hippocampal injections of an immunotoxin against the p75 nerve growth factor receptor. <i>Neuroscience</i> , 1997, 78, 123-133. | 1.1 | 40 |
| 881 | Ionic mechanisms involved in the spontaneous firing of tegmental pedunculopontine nucleus neurons of the rat. <i>Neuroscience</i> , 1997, 78, 771-794. | 1.1 | 100 |
| 882 | The projection from the striatum to the nucleus basalis in the rat: an electron microscopic study. <i>Neuroscience</i> , 1997, 78, 943-955. | 1.1 | 24 |
| 883 | An immunocytochemical study on the distribution of two G-protein-gated inward rectifier potassium channels (GIRK2 and GIRK4) in the adult rat brain. <i>Neuroscience</i> , 1997, 80, 345-357. | 1.1 | 84 |
| 884 | Effects of cholinergic denervation on seizure development and neurotrophin messenger RNA regulation in rapid hippocampal kindling. <i>Neuroscience</i> , 1997, 80, 389-399. | 1.1 | 47 |
| 885 | Specificity of attachment and neurite outgrowth of dissociated basal forebrain cholinergic neurons seeded on to organotypic slice cultures of forebrain. <i>Neuroscience</i> , 1997, 80, 741-752. | 1.1 | 17 |
| 886 | Nicotinic receptor-mediated responses in relay cells and interneurons in the rat lateral geniculate nucleus. <i>Neuroscience</i> , 1997, 80, 191-202. | 1.1 | 43 |
| 887 | Modulation of cholinergic nucleus basalis neurons by acetylcholine and N-methyl-d-aspartate. <i>Neuroscience</i> , 1997, 81, 47-55. | 1.1 | 51 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 888 | Discussion. <i>Neuroscience</i> , 1997, 81, 893-926. | 1.1 | 739 |
| 889 | Distribution of the putative vesicular transporter for acetylcholine in the rat central nervous system. <i>Neuroscience</i> , 1997, 82, 1195-1212. | 1.1 | 66 |
| 890 | Pharmacological characterization of ionotropic excitatory amino acid receptors in young and aged rat basal forebrain. <i>Neuroscience</i> , 1997, 82, 1179-1194. | 1.1 | 26 |
| 891 | Plastic changes in the cholinergic innervation of the rat cerebral cortex after unilateral lesion of the nucleus basalis with \pm -amino-3-OH-4-isoxazole propionic acid (AMPA): Effects of basal forebrain transplants into neocortex. <i>Brain Research Bulletin</i> , 1997, 42, 79-93. | 1.4 | 14 |
| 892 | Effects of Combined Ventral Forebrain Grafts to Neocortex and Amygdala on Behavior of Rats with Damage to the Nucleus Basalis Magnocellularis. <i>Brain Research Bulletin</i> , 1997, 43, 381-392. | 1.4 | 6 |
| 893 | Inhibition of Nitric Oxide Synthase Fails to Disrupt the Development of Cholinergic Fiber Patches in the Rat Superior Colliculus. <i>Developmental Neuroscience</i> , 1997, 19, 260-273. | 1.0 | 17 |
| 894 | Trk Neurotrophin Receptors in Cholinergic Neurons of Patients with Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 1997, 8, 1-8. | 0.7 | 36 |
| 895 | Excitation of the Brain Stem Pedunculopontine Tegmentum Cholinergic Cells Induces Wakefulness and REM Sleep. <i>Journal of Neurophysiology</i> , 1997, 77, 2975-2988. | 0.9 | 230 |
| 896 | Noradrenergic Suppression of Synaptic Transmission May Influence Cortical Signal-to-Noise Ratio. <i>Journal of Neurophysiology</i> , 1997, 77, 3326-3339. | 0.9 | 223 |
| 897 | The Effects of Nerve Growth Factor on Spatial Recent Memory in Aged Rats Persist after Discontinuation of Treatment. <i>Journal of Neuroscience</i> , 1997, 17, 2543-2550. | 1.7 | 57 |
| 898 | Glutamatergic Modulation of Cortical Acetylcholine Release in the Rat: A Combined In Vivo Microdialysis, Retrograde Tracing and Immunohistochemical Study. <i>European Journal of Neuroscience</i> , 1997, 9, 1678-1689. | 1.2 | 39 |
| 899 | Age-related functional changes of the glutamate receptor channels in rat Meynert neurones. <i>Journal of Physiology</i> , 1997, 504, 665-681. | 1.3 | 21 |
| 900 | Reduced evoked release of acetylcholine in the rodent neocortex following traumatic brain injury. <i>Brain Research</i> , 1997, 749, 127-130. | 1.1 | 68 |
| 901 | μ -Opioid receptor activation decreases N-type Ca^{2+} current in magnocellular neurons of the rat basal forebrain. <i>Brain Research</i> , 1997, 758, 118-126. | 1.1 | 14 |
| 902 | The pedunculopontine tegmental nucleus issues collaterals to the fastigial nucleus and rostral ventrolateral reticular nucleus in the rat. <i>Brain Research</i> , 1997, 760, 272-276. | 1.1 | 30 |
| 903 | Changes in cortical EEG and cholinergic function in response to NGF in rats with nucleus basalis lesions. <i>Brain Research</i> , 1997, 765, 228-237. | 1.1 | 17 |
| 904 | The serotonin innervation of the basal forebrain shows a transient phase during development. <i>Developmental Brain Research</i> , 1997, 99, 38-52. | 2.1 | 56 |
| 905 | Sexually dimorphic effects of anti-NGF treatment in neonatal rats. <i>Developmental Brain Research</i> , 1997, 101, 273-276. | 2.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 906 | Nonhippocampal Muscarinic Receptors Are Required for Nonspatial Working Memory. <i>Pharmacology Biochemistry and Behavior</i> , 1997, 58, 361-367. | 1.3 | 5 |
| 907 | Effects of microinjection of scopolamine into the neostriatum of rats on performance of a food conditioned reflex at different levels of fixation. <i>Neuroscience and Behavioral Physiology</i> , 1997, 27, 312-318. | 0.2 | 7 |
| 908 | Anatomical localization and time course of Fos expression following soman-induced seizures. <i>Journal of Comparative Neurology</i> , 1997, 378, 468-481. | 0.9 | 32 |
| 909 | Development of cholinergic and GABAergic neurons in the rat medial septum: Effect of target removal in early postnatal development. , 1997, 379, 467-481. | | 10 |
| 910 | Differential control of cortical activity by the basal forebrain in rats: a role for both cholinergic and inhibitory influences. <i>Journal of Comparative Neurology</i> , 1997, 381, 53-67. | 0.9 | 101 |
| 911 | Ultrastructural study of cholinergic and noncholinergic neurons in the pars compacta of the rat pedunculopontine tegmental nucleus. , 1997, 382, 285-301. | | 36 |
| 912 | Efferent connections of the internal globus pallidus in the squirrel monkey: II. topography and synaptic organization of pallidal efferents to the pedunculopontine nucleus. <i>Journal of Comparative Neurology</i> , 1997, 382, 348-363. | 0.9 | 121 |
| 913 | Distribution of choline acetyltransferase immunoreactivity in the brain of anuran (<i>Rana</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 140 | | 140 |
| 914 | Galanin-immunoreactive synaptic terminals on basal forebrain cholinergic neurons in the rat. , 1997, 383, 82-93. | | 12 |
| 915 | Carrier mediated delivery of NGF: Alterations in basal forebrain neurons in aged rats revealed using antibodies against low and high affinity NGF receptors. <i>Journal of Comparative Neurology</i> , 1997, 387, 1-11. | 0.9 | 36 |
| 916 | Synaptic targets of cholinergic terminals in the pulvinar nucleus of the cat. , 1997, 387, 266-278. | | 37 |
| 917 | Pharmacological strategies to selectively label and localize muscarinic receptor subtypes. <i>Drug Development Research</i> , 1997, 40, 104-116. | 1.4 | 40 |
| 918 | Taltirelin Hydrate (TAâ€œ0910): An Orally Active Thyrotropinâ€œReleasing Hormone Mimetic Agent with Multiple Actions. <i>CNS Neuroscience & Therapeutics</i> , 1998, 4, 25-41. | 4.0 | 29 |
| 919 | Ipidacrine (NIKâ€œ247): A Review of Multiple Mechanisms as an Antidementia Agent. <i>CNS Neuroscience & Therapeutics</i> , 1998, 4, 247-259. | 4.0 | 15 |
| 920 | Plasticity of temporal information processing in the primary auditory cortex. <i>Nature Neuroscience</i> , 1998, 1, 727-731. | 7.1 | 289 |
| 921 | Swimming stress that causes hyperglycemia increases in vivo release of noradrenaline, but not acetylcholine, from the hypothalamus of conscious rats. <i>Brain Research</i> , 1998, 780, 74-79. | 1.1 | 22 |
| 922 | Hypertrophy of basal forebrain neurons and enhanced visuospatial memory in perinatally choline-supplemented rats. <i>Brain Research</i> , 1998, 794, 225-238. | 1.1 | 131 |
| 923 | Involvement of the parafascicular nucleus in the facilitative effect of intracranial self-stimulation on active avoidance in rats. <i>Brain Research</i> , 1998, 808, 220-231. | 1.1 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 924 | Septocingulate and septohippocampal cholinergic pathways: involvement in working/episodic memory. <i>Brain Research</i> , 1998, 810, 59-71. | 1.1 | 40 |
| 925 | Effect of lesions of the nucleus basalis magnocellularis and of treatment with posatirelin on cholinergic neurotransmission enzymes in the rat cerebral cortex. <i>Mechanisms of Ageing and Development</i> , 1998, 104, 183-194. | 2.2 | 5 |
| 926 | Effect of a Prolyl Endopeptidase Inhibitor, JTP-4819, on Radial Maze Performance in Hippocampal-Lesioned Rats. <i>Pharmacology Biochemistry and Behavior</i> , 1998, 59, 361-368. | 1.3 | 16 |
| 927 | The hypothesis of an ambient level of acetylcholine in the central nervous system. <i>Journal of Physiology (Paris)</i> , 1998, 92, 215-220. | 2.1 | 49 |
| 928 | Estrogen, the ovary, and neurotransmitters: factors associated with aging. <i>Experimental Gerontology</i> , 1998, 33, 729-757. | 1.2 | 12 |
| 929 | Effects of Gestational Nicotine Exposure on Hippocampal Morphology. <i>Neurotoxicology and Teratology</i> , 1998, 20, 465-473. | 1.2 | 85 |
| 930 | Responses in the aged rat brain after total immunolesion. , 1998, 54, 7-16. | | 25 |
| 931 | Origin of the neurotensinergic innervation of the rat basal forebrain studied by retrograde transport of cholera toxin. <i>Journal of Comparative Neurology</i> , 1998, 391, 30-41. | 0.9 | 12 |
| 932 | Nigral innervation of cholinergic and glutamatergic cells in the rat mesopontine tegmentum: Light and electron microscopic anterograde tracing and immunohistochemical studies. , 1998, 395, 359-379. | | 58 |
| 933 | Scopolamine model of delirium in rats and reversal of the performance impairment by aniracetam. <i>Drug Development Research</i> , 1998, 43, 85-97. | 1.4 | 20 |
| 934 | Ontogeny of NADPH-diaphorase in rat forebrain and midbrain. <i>Anatomy and Embryology</i> , 1998, 197, 229-247. | 1.5 | 20 |
| 935 | Cholinergic strategies for Alzheimer's disease. <i>Journal of Molecular Medicine</i> , 1998, 76, 555-567. | 1.7 | 147 |
| 936 | Characterization of perforant path lesions in rodent models of memory and attention. <i>European Journal of Neuroscience</i> , 1998, 10, 823-838. | 1.2 | 70 |
| 937 | Effects of two anticholinergic drugs, trospium chloride and biperiden, on motility and evoked potentials of the oesophagus. <i>Alimentary Pharmacology and Therapeutics</i> , 1998, 12, 979-984. | 1.9 | 12 |
| 938 | Involvement of Direct and Indirect Pathways in Electrocorticographic Activation. <i>Neuroscience and Biobehavioral Reviews</i> , 1998, 22, 243-257. | 2.9 | 131 |
| 939 | Chronic ethanol consumption:from neuroadaptation to neurodegeneration. <i>Progress in Neurobiology</i> , 1998, 56, 385-431. | 2.8 | 492 |
| 940 | The regulation of amyloid precursor protein metabolism by cholinergic mechanisms and neurotrophin receptor signaling. <i>Progress in Neurobiology</i> , 1998, 56, 541-569. | 2.8 | 197 |
| 941 | Differential site-specific effects of parafascicular stimulation on active avoidance in rats. <i>Behavioural Brain Research</i> , 1998, 93, 107-118. | 1.2 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 942 | Distribution and kinetics of galanin infused into the ventral hippocampus of the rat: Relationship to spatial learning. <i>Neuroscience</i> , 1998, 83, 123-136. | 1.1 | 45 |
| 943 | Cholinergic and non-cholinergic afferents of the caudolateral parabrachial nucleus: a role in the long-term enhancement of rapid eye movement sleep. <i>Neuroscience</i> , 1998, 83, 1123-1136. | 1.1 | 24 |
| 944 | Cholinergic neurons and terminal fields revealed by immunohistochemistry for the vesicular acetylcholine transporter. I. Central nervous system. <i>Neuroscience</i> , 1998, 84, 331-359. | 1.1 | 242 |
| 945 | Gabaergic and cholinergic basal forebrain and preoptic-anterior hypothalamic projections to the mediodorsal nucleus of the thalamus in the cat. <i>Neuroscience</i> , 1998, 85, 149-178. | 1.1 | 65 |
| 946 | Distribution of heterotrimeric G-protein \hat{I}^2 and \hat{I}^3 subunits in the rat brain. <i>Neuroscience</i> , 1998, 85, 475-486. | 1.1 | 84 |
| 947 | Survival and functional demonstration of interregional pathways in fore/midbrain slice explant cultures. <i>Neuroscience</i> , 1998, 85, 615-626. | 1.1 | 14 |
| 948 | Discussion. <i>Neuroscience</i> , 1998, 86, 353-387. | 1.1 | 867 |
| 949 | Effects of local cholinesterase inhibition on acetylcholine release assessed simultaneously in prefrontal and frontoparietal cortex. <i>Neuroscience</i> , 1998, 86, 949-957. | 1.1 | 40 |
| 950 | Tyrosine kinase A, galanin and nitric oxide synthase within basal forebrain neurons in the rat. <i>Neuroscience</i> , 1998, 87, 447-461. | 1.1 | 20 |
| 951 | Cellular mechanisms underlying two muscarinic receptor-mediated depolarizing responses in relay cells of the rat lateral geniculate nucleus. <i>Neuroscience</i> , 1998, 87, 767-781. | 1.1 | 64 |
| 952 | Effects of Cholinergic Deafferentation and NGF on Brain Electrical Coherence. <i>Brain Research Bulletin</i> , 1998, 45, 531-541. | 1.4 | 27 |
| 953 | An electron microscopic observation of the vesicular acetylcholine transporter-immunoreactive fibers in the rat dorsal raphe nucleus. <i>Brain Research Bulletin</i> , 1998, 46, 555-561. | 1.4 | 10 |
| 954 | Frontal syndrome as a consequence of lesions in the pedunculopontine tegmental nucleus: A short theoretical review. <i>Brain Research Bulletin</i> , 1998, 47, 551-563. | 1.4 | 98 |
| 955 | Distribution of catecholaminergic afferent fibres in the rat globus pallidus and their relations with cholinergic neurons. <i>Journal of Chemical Neuroanatomy</i> , 1998, 15, 1-20. | 1.0 | 26 |
| 956 | The behavioral functions of the cholinergic basal forebrain : lessons from 192 IgG \hat{A} SAPORIN. <i>International Journal of Developmental Neuroscience</i> , 1998, 16, 595-602. | 0.7 | 104 |
| 957 | The effects of neonatal basal forebrain lesions on cognition : towards understanding the developmental role of the cholinergic basal forebrain. <i>International Journal of Developmental Neuroscience</i> , 1998, 16, 603-612. | 0.7 | 35 |
| 958 | Morphological, biochemical and behavioural changes induced by neurotoxic and inflammatory insults to the nucleus basalis. <i>International Journal of Developmental Neuroscience</i> , 1998, 16, 705-714. | 0.7 | 20 |
| 959 | Developmental and aging aspects of the cholinergic innervation of the olfactory bulb. <i>International Journal of Developmental Neuroscience</i> , 1998, 16, 777-785. | 0.7 | 28 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 960 | Physostigmine Enhances Performance on an Odor Mixture Discrimination Test. <i>Physiology and Behavior</i> , 1998, 65, 801-804. | 1.0 | 58 |
| 961 | Cortical Map Reorganization Enabled by Nucleus Basalis Activity. <i>Science</i> , 1998, 279, 1714-1718. | 6.0 | 1,161 |
| 962 | Neonatal treatment with 192 IgG-saporin produces long-term forebrain cholinergic deficits and reduces dendritic branching and spine density of neocortical pyramidal neurons. <i>Cerebral Cortex</i> , 1998, 8, 142-155. | 1.6 | 79 |
| 963 | A Non-invasive System for Delivering Neural Growth Factors across the Blood-Brain Barrier: A Review. <i>Reviews in the Neurosciences</i> , 1998, 9, 31-55. | 1.4 | 63 |
| 964 | Reversibility of functionally injured neurotransmitter systems with shunt placement in hydrocephalic rats: implications for intellectual impairment in hydrocephalus. <i>Journal of Neurosurgery</i> , 1998, 88, 709-717. | 0.9 | 35 |
| 965 | Cortical Cholinergic Dysfunction After Human Head Injury. <i>Journal of Neurotrauma</i> , 1998, 15, 295-305. | 1.7 | 112 |
| 967 | The thalamus of primates. <i>Handbook of Chemical Neuroanatomy</i> , 1998, 14, 1-298. | 0.3 | 40 |
| 968 | Cholinergic depletion reduces plasticity of barrel field cortex. <i>Cerebral Cortex</i> , 1998, 8, 63-72. | 1.6 | 72 |
| 969 | Masked Presentations of Emotional Facial Expressions Modulate Amygdala Activity without Explicit Knowledge. <i>Journal of Neuroscience</i> , 1998, 18, 411-418. | 1.7 | 1,998 |
| 970 | Formation and Characterization of Indium Hydroxide Films. <i>Journal of the Ceramic Society of Japan</i> , 1998, 106, 381-384. | 1.3 | 24 |
| 971 | Learning-Induced Physiological Memory in Adult Primary Auditory Cortex: Receptive Field Plasticity, Model, and Mechanisms. <i>Audiology and Neuro-Otology</i> , 1998, 3, 145-167. | 0.6 | 116 |
| 972 | Reversible inactivation of the medial septum or nucleus basalis impairs working memory in rats: A dissociation of memory and performance.. <i>Behavioral Neuroscience</i> , 1998, 112, 1114-1124. | 0.6 | 21 |
| 973 | Role of the Basal Forebrain Cholinergic Projection in Somatosensory Cortical Plasticity. <i>Journal of Neurophysiology</i> , 1998, 79, 3216-3228. | 0.9 | 92 |
| 974 | Dexamethasone Induces Hypertrophy of Developing Medial Septum Cholinergic Neurons: Potential Role of Nerve Growth Factor. <i>Journal of Neuroscience</i> , 1998, 18, 9326-9334. | 1.7 | 26 |
| 975 | Mesolimbic Component of the Ascending Cholinergic Pathways: Electrophysiological-Pharmacological Study. <i>Journal of Neurophysiology</i> , 1998, 79, 1675-1686. | 0.9 | 20 |
| 976 | Recovery of Cable Properties Through Active and Passive Modeling of Subthreshold Membrane Responses From Laterodorsal Tegmental Neurons. <i>Journal of Neurophysiology</i> , 1998, 80, 2593-2607. | 0.9 | 14 |
| 977 | Differential c-Fos Expression in Cholinergic, Monoaminergic, and GABAergic Cell Groups of the Pontomesencephalic Tegmentum after Paradoxical Sleep Deprivation and Recovery. <i>Journal of Neuroscience</i> , 1999, 19, 3057-3072. | 1.7 | 259 |
| 978 | Activity of Midbrain Reticular Formation and Neocortex during the Progression of Human Non-Rapid Eye Movement Sleep. <i>Journal of Neuroscience</i> , 1999, 19, 10065-10073. | 1.7 | 249 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 979 | Intraparenchymal infusions of 192 IgG-saporin: development of a method for selective and discrete lesioning of cholinergic basal forebrain nuclei. <i>Journal of Neuroscience Methods</i> , 1999, 91, 9-19. | 1.3 | 54 |
| 980 | TrkA activation in the rat visual cortex by antirat trkA IgG prevents the effect of monocular deprivation. <i>European Journal of Neuroscience</i> , 1999, 11, 204-212. | 1.2 | 35 |
| 981 | Spontaneous and evoked activity of intercalated amygdala neurons. <i>European Journal of Neuroscience</i> , 1999, 11, 3441-3448. | 1.2 | 27 |
| 982 | The Basal Forebrain Corticopetal System Revisited. <i>Annals of the New York Academy of Sciences</i> , 1999, 877, 339-367. | 1.8 | 213 |
| 983 | Expression of nerve growth factor, p75, and the high affinity neurotrophin receptors in the adult rat trigeminal system: evidence for multiple trophic support systems. , 1999, 28, 571-595. | | 37 |
| 984 | Action potentials and relations to the theta rhythm of medial septal neurons in vivo. <i>Experimental Brain Research</i> , 1999, 127, 244-258. | 0.7 | 92 |
| 985 | The parafascicular nucleus and two-way active avoidance: effects of electrical stimulation and electrode implantation. <i>Experimental Brain Research</i> , 1999, 129, 0605-0614. | 0.7 | 18 |
| 986 | Neurons with choline acetyltransferase immunoreactivity and mRNA are present in the human cerebral cortex. <i>Histochemistry and Cell Biology</i> , 1999, 111, 197-207. | 0.8 | 20 |
| 987 | Nitric oxide synthase-containing projections to the ventrobasal thalamus in the rat. <i>Anatomy and Embryology</i> , 1999, 200, 265-281. | 1.5 | 34 |
| 988 | Neurotransmitter characteristics of neurons projecting to the supramammillary nucleus of the rat. <i>Anatomy and Embryology</i> , 1999, 200, 377-392. | 1.5 | 28 |
| 989 | Neural and behavioral effects of intracranial 192 IgG-saporin in neonatal rats: sexually dimorphic effects?. <i>Developmental Brain Research</i> , 1999, 114, 49-62. | 2.1 | 18 |
| 990 | The effect of sequential lesioning in the basal forebrain on cerebral cortical glucose metabolism in rats. An animal positron emission tomography study. <i>Brain Research</i> , 1999, 837, 75-82. | 1.1 | 9 |
| 991 | Serotonin-dependent maintenance of spatial performance and electroencephalography activation after cholinergic blockade: effects of serotonergic receptor antagonists. <i>Brain Research</i> , 1999, 837, 242-253. | 1.1 | 31 |
| 992 | Estrogen receptor immunoreactivity within subregions of the rat forebrain: neuronal distribution and association with perikarya containing choline acetyltransferase. <i>Brain Research</i> , 1999, 849, 253-274. | 1.1 | 96 |
| 993 | Threshold relationship between lesion extent of the cholinergic basal forebrain in the rat and working memory impairment in the radial maze. <i>Brain Research</i> , 1999, 847, 284-298. | 1.1 | 92 |
| 994 | Activation of the reticulothalamic cholinergic pathway by the major metabolites of aniracetam. <i>European Journal of Pharmacology</i> , 1999, 380, 81-89. | 1.7 | 28 |
| 995 | NADPH-diaphorase histochemistry in the rat cerebral cortex and hippocampus: effect of electrolytic lesions of the nucleus basalis magnocellularis. <i>Mechanisms of Ageing and Development</i> , 1999, 107, 147-157. | 2.2 | 5 |
| 996 | Positron emission tomographic measurement of acetylcholinesterase activity reveals differential loss of ascending cholinergic systems in Parkinson's disease and progressive supranuclear palsy. <i>Annals of Neurology</i> , 1999, 46, 62-69. | 2.8 | 187 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 997 | The effects of neonatal choline dietary supplementation on adult spatial and configural learning and memory in rats. <i>Developmental Psychobiology</i> , 1999, 35, 226-240. | 0.9 | 48 |
| 998 | Brainstem neurons with descending projections to the spinal cord of two elasmobranch fishes: Thornback guitarfish, <i>Platyrrhinoidis triseriata</i> , and horn shark, <i>Heterodontus francisci</i> . , 1999, 403, 534-560. | | 17 |
| 999 | Evidence that nerve growth factor influences recent memory through structural changes in septohippocampal cholinergic neurons. , 1999, 405, 491-507. | | 54 |
| 1000 | Synaptic targets of cholinergic terminals in the cat lateral posterior nucleus. , 1999, 410, 31-41. | | 14 |
| 1001 | Two distinct populations of cholinergic neurons in the septum of raccoon (<i>Procyon lotor</i>): Evidence for a separate subset in the lateral septum. , 1999, 412, 112-122. | | 11 |
| 1002 | Cholinergic neurons of the nucleus basalis of Meynert receive cholinergic, catecholaminergic and GABAergic synapses: an electron microscopic investigation in the monkey. <i>Neuroscience</i> , 1999, 88, 241-255. | 1.1 | 49 |
| 1003 | Presynaptic markers of cholinergic function in the rat brain: relationship with age and cognitive status. <i>Neuroscience</i> , 1999, 89, 771-780. | 1.1 | 56 |
| 1004 | Quantification of cholinergic and select non-cholinergic mesopontine neuronal populations in the human brain. <i>Neuroscience</i> , 1999, 89, 759-770. | 1.1 | 170 |
| 1005 | m2 Muscarinic receptor immunolocalization in cholinergic cells of the monkey basal forebrain and striatum. <i>Neuroscience</i> , 1999, 90, 803-814. | 1.1 | 29 |
| 1006 | Serotonergic input to cholinergic neurons in the substantia innominata and nucleus basalis magnocellularis in the rat. <i>Neuroscience</i> , 1999, 91, 1129-1142. | 1.1 | 25 |
| 1007 | Rat diencephalic neurons producing melanin-concentrating hormone are influenced by ascending cholinergic projections. <i>Neuroscience</i> , 1999, 91, 1087-1101. | 1.1 | 42 |
| 1008 | Interleukin-1 β activates forebrain glial cells and increases nitric oxide production and cortical glutamate and GABA release in vivo: implications for Alzheimer's disease. <i>Neuroscience</i> , 1999, 91, 831-842. | 1.1 | 113 |
| 1009 | Parvalbumin-immunoreactive, fast-spiking neurons in the medial septum/diagonal band complex of the rat: intracellular recordings in vitro. <i>Neuroscience</i> , 1999, 92, 589-600. | 1.1 | 70 |
| 1010 | Monoaminergic-cholinergic interactions in the primate basal forebrain. <i>Neuroscience</i> , 1999, 93, 817-829. | 1.1 | 176 |
| 1011 | Delayed apoptotic pyramidal cell death in CA4 and CA1 hippocampal subfields after a single intraseptal injection of kainate. <i>Neuroscience</i> , 1999, 94, 1071-1081. | 1.1 | 26 |
| 1012 | Mesopontine cholinergic and non-cholinergic neurons in schizophrenia. <i>Neuroscience</i> , 1999, 94, 33-38. | 1.1 | 67 |
| 1013 | The medial prefrontal cortex plays an important role in the excitation of A10 dopaminergic neurons following intravenous muscimol administration. <i>Neuroscience</i> , 1999, 95, 647-656. | 1.1 | 10 |
| 1014 | Cortical cholinergic inputs mediating arousal, attentional processing and dreaming: differential afferent regulation of the basal forebrain by telencephalic and brainstem afferents. <i>Neuroscience</i> , 1999, 95, 933-952. | 1.1 | 356 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1015 | Nucleus basalis injections of N-methyl-D-aspartate enhance memory of rats in the double Y-maze. Brain Research Bulletin, 1999, 48, 65-71. | 1.4 | 9 |
| 1016 | Intracranial self-stimulation in the parafascicular nucleus of the rat. Brain Research Bulletin, 1999, 48, 401-406. | 1.4 | 13 |
| 1017 | Forebrain serotonin depletion facilitates the acquisition and performance of a conditional visual discrimination task in rats. Behavioural Brain Research, 1999, 100, 51-65. | 1.2 | 38 |
| 1018 | Effects of histamine H3 receptor agonists and antagonists on cognitive performance and scopolamine-induced amnesia. Behavioural Brain Research, 1999, 104, 147-155. | 1.2 | 97 |
| 1019 | Structural basis of the cholinergic and serotonergic modulation of GABAergic neurons in the hippocampus. Neurochemistry International, 1999, 34, 359-372. | 1.9 | 100 |
| 1020 | Corticotropin-releasing hormone receptor subtypes and emotion. Biological Psychiatry, 1999, 46, 1480-1508. | 0.7 | 298 |
| 1021 | Neural Topography and Chronology of Memory Consolidation: A Review of Functional Inactivation Findings. Neurobiology of Learning and Memory, 1999, 71, 1-18. | 1.0 | 114 |
| 1022 | Interactions between 192-IgG saporin and intraseptal cholinergic and GABAergic drugs: Role of cholinergic medial septal neurons in spatial working memory.. Behavioral Neuroscience, 1999, 113, 265-275. | 0.6 | 58 |
| 1023 | Chapter 2 Cholinergic neuromodulation and Alzheimer's disease: from single cells to network simulations. Progress in Brain Research, 1999, 121, 19-45. | 0.9 | 20 |
| 1024 | Cholinergic and noradrenergic afferents influence the functional properties of the postnatal visual cortex in rats. Visual Neuroscience, 1999, 16, 1015-1028. | 0.5 | 23 |
| 1025 | Basal forebrain stimulation induces discriminative receptive field plasticity in the auditory cortex.. Behavioral Neuroscience, 1999, 113, 691-702. | 0.6 | 70 |
| 1026 | Effects of Selective Immunotoxic Lesions on Learning and Memory. , 2001, 166, 249-265. | | 15 |
| 1027 | Origin and Molecular Specification of Striatal Interneurons. Journal of Neuroscience, 2000, 20, 6063-6076. | 1.7 | 556 |
| 1028 | A model for experience-dependent changes in the responses of inferotemporal neurons. Network: Computation in Neural Systems, 2000, 11, 169-190. | 2.2 | 45 |
| 1029 | Expression of nerve growth factor, brain-derived neurotrophic factor, and neurotrophin-3 in the somatosensory cortex of the mature rat: Coexpression with high-affinity neurotrophin receptors. , 2000, 418, 241-254. | | 58 |
| 1030 | Third group of neostriatofugal neurons: Neurokinin B-producing neurons that send axons predominantly to the substantia innominata. Journal of Comparative Neurology, 2000, 426, 279-296. | 0.9 | 19 |
| 1031 | Distribution of choline acetyltransferase (ChAT) immunoreactivity in the brain of the adult trout and tract-tracing observations on the connections of the nuclei of the isthmus. Journal of Comparative Neurology, 2000, 428, 450-474. | 0.9 | 92 |
| 1032 | Progressive loss of cortical acetylcholinesterase activity in association with cognitive decline in Alzheimer's disease: A positron emission tomography study. Annals of Neurology, 2000, 48, 194-200. | 2.8 | 158 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1033 | Local and cortical effects of olfactory bulb lesions on trophic support and cholinergic function and their modulation by estrogen. <i>Journal of Neurobiology</i> , 2000, 45, 61-74. | 3.7 | 34 |
| 1034 | Local GABAergic modulation of acetylcholine release from the cortex of freely moving rats. <i>European Journal of Neuroscience</i> , 2000, 12, 1941-1948. | 1.2 | 64 |
| 1035 | Glucocorticoid enhancement of memory consolidation in the rat is blocked by muscarinic receptor antagonism in the basolateral amygdala. <i>European Journal of Neuroscience</i> , 2000, 12, 3481-3487. | 1.2 | 63 |
| 1036 | Non-linear cortico-cortical interactions modulated by cholinergic afferences from the rat basal forebrain. <i>BioSystems</i> , 2000, 58, 219-228. | 0.9 | 36 |
| 1037 | An integrative neuroanatomical perspective on some subcortical substrates of adaptive responding with emphasis on the nucleus accumbens. <i>Neuroscience and Biobehavioral Reviews</i> , 2000, 24, 85-105. | 2.9 | 437 |
| 1038 | A neuronal analogue of state-dependent learning. <i>Nature</i> , 2000, 403, 549-553. | 13.7 | 158 |
| 1039 | Role of the Laterodorsal Tegmental Nucleus in Scopolamine- and Amphetamine-Induced Locomotion and Stereotypy. <i>Pharmacology Biochemistry and Behavior</i> , 2000, 65, 163-174. | 1.3 | 37 |
| 1040 | Postnatal development of the basal forebrain cholinergic projections to the medial prefrontal cortex in mice. <i>Developmental Brain Research</i> , 2000, 120, 99-103. | 2.1 | 7 |
| 1041 | Laser scanning and electron microscopic evidence for rapid and specific in vivo labelling of cholinergic neurons in the rat basal forebrain with fluorochromated antibodies. <i>Brain Research</i> , 2000, 867, 232-238. | 1.1 | 12 |
| 1042 | Control of Na ⁺ Spike Backpropagation by Intracellular Signaling in the Pyramidal Neuron Dendrites. <i>Molecular Neurobiology</i> , 2000, 22, 129-142. | 1.9 | 10 |
| 1043 | Electrophysiological Properties of Cholinergic and Noncholinergic Neurons in the Ventral Pallidal Region of the Nucleus Basalis in Rat Brain Slices. <i>Journal of Neurophysiology</i> , 2000, 83, 2649-2660. | 0.9 | 55 |
| 1045 | Motor impairment in PD. <i>Neurology</i> , 2000, 55, 539-544. | 1.5 | 206 |
| 1046 | Attentional processes and learning and memory in rats: the prefrontal cortex and hippocampus compared. <i>Progress in Brain Research</i> , 2000, 126, 79-94. | 0.9 | 39 |
| 1047 | The pedunclopontine nucleus and Parkinson's disease. <i>Brain</i> , 2000, 123, 1767-1783. | 3.7 | 701 |
| 1048 | Cyto- and Chemoarchitecture of Basal Forebrain Cholinergic Neurons in the Common Marmoset (<i>Callithrix jacchus</i>). <i>Experimental Neurology</i> , 2000, 165, 306-326. | 2.0 | 17 |
| 1049 | Effects of Glucose on Scopolamine-Induced Learning Deficits in Rats Performing the Morris Water Maze Task. <i>Neurobiology of Learning and Memory</i> , 2000, 74, 65-79. | 1.0 | 11 |
| 1050 | Neural circuits and topographic organization of the basal ganglia and related regions. <i>Brain and Development</i> , 2000, 22, 5-16. | 0.6 | 176 |
| 1051 | Glucose metabolism in the rat frontal cortex recovered without the recovery of choline acetyltransferase activity after lesioning of the nucleus basalis magnocellularis. <i>Neuroscience Letters</i> , 2000, 280, 9-12. | 1.0 | 14 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1052 | Somatomotor neuron-specific expression of the human cholinergic gene locus in transgenic mice. <i>Neuroscience</i> , 2000, 96, 707-722. | 1.1 | 15 |
| 1053 | Synaptic contacts between serotonergic and cholinergic neurons in the rat dorsal raphe nucleus and laterodorsal tegmental nucleus. <i>Neuroscience</i> , 2000, 97, 553-563. | 1.1 | 22 |
| 1054 | Differential effects of parafascicular electrical stimulation on active avoidance depending on the retention time, in rats. <i>Brain Research Bulletin</i> , 2000, 52, 419-426. | 1.4 | 8 |
| 1055 | Localization of amino acids, neuropeptides and cholinergic markers in neurons of the septum-diagonal band complex projecting to the retrosplenial granular cortex of the rat. <i>Brain Research Bulletin</i> , 2000, 52, 499-510. | 1.4 | 25 |
| 1056 | Basal forebrain in the context of schizophrenia. <i>Brain Research Reviews</i> , 2000, 31, 205-235. | 9.1 | 169 |
| 1057 | Multiple output pathways of the basal forebrain: organization, chemical heterogeneity, and roles in vigilance. <i>Behavioural Brain Research</i> , 2000, 115, 117-141. | 1.2 | 239 |
| 1058 | Modification of ion channels and calcium homeostasis of basal forebrain neurons during aging. <i>Behavioural Brain Research</i> , 2000, 115, 219-233. | 1.2 | 32 |
| 1059 | Alzheimer's disease: more than a "cholinergic disorder" - evidence that cholinergic-monoaminergic interactions contribute to EEG slowing and dementia. <i>Behavioural Brain Research</i> , 2000, 115, 235-249. | 1.2 | 173 |
| 1060 | The role of cortical cholinergic afferent projections in cognition: impact of new selective immunotoxins. <i>Behavioural Brain Research</i> , 2000, 115, 251-263. | 1.2 | 150 |
| 1061 | Dissociation of memory and anxiety in a repeated elevated plus maze paradigm: forebrain cholinergic mechanisms. <i>Behavioural Brain Research</i> , 2000, 117, 97-105. | 1.2 | 64 |
| 1062 | Age-related changes of neuronal counts in the human pedunculo-pontine nucleus. <i>Neuroscience Letters</i> , 2000, 288, 195-198. | 1.0 | 26 |
| 1063 | Effect of tacrine on EEG slowing in the rat. <i>Neurobiology of Aging</i> , 2000, 21, 135-143. | 1.5 | 27 |
| 1064 | The locus coeruleus: history. <i>Journal of Chemical Neuroanatomy</i> , 2000, 18, 57-64. | 1.0 | 18 |
| 1065 | The prefrontal cortex and the integration of sensory, limbic and autonomic information. <i>Progress in Brain Research</i> , 2000, 126, 3-28. | 0.9 | 365 |
| 1066 | Relation between changes in long-latency stretch reflexes and muscle stiffness in Parkinson's disease - comparison before and after unilateral pallidotomy. <i>Clinical Neurophysiology</i> , 2001, 112, 1814-1821. | 0.7 | 15 |
| 1067 | Neurotrophins: Roles in Neuronal Development and Function. <i>Annual Review of Neuroscience</i> , 2001, 24, 677-736. | 5.0 | 3,712 |
| 1068 | Neural interaction between the basal forebrain and functionally distinct prefrontal cortices in the rhesus monkey. <i>Neuroscience</i> , 2001, 103, 593-614. | 1.1 | 90 |
| 1069 | Distribution and co-localization of choline acetyltransferase and p75 neurotrophin receptors in the sheep basal forebrain: implications for the use of a specific cholinergic immunotoxin. <i>Neuroscience</i> , 2001, 104, 419-439. | 1.1 | 27 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1070 | Cholinergic nerve terminals establish classical synapses in the rat cerebral cortex: synaptic pattern and age-related atrophy. <i>Neuroscience</i> , 2001, 105, 277-285. | 1.1 | 130 |
| 1071 | Extensive immunolesions of basal forebrain cholinergic system impair offspring recognition in sheep. <i>Neuroscience</i> , 2001, 106, 103-116. | 1.1 | 31 |
| 1072 | Lack of effect of moderate Purkinje cell loss on working memory. <i>Neuroscience</i> , 2001, 107, 433-445. | 1.1 | 22 |
| 1073 | Perineuronal nets in the rhesus monkey and human basal forebrain including basal ganglia. <i>Neuroscience</i> , 2001, 108, 285-298. | 1.1 | 42 |
| 1074 | Short-term consequences of N-methyl-D-aspartate excitotoxicity in rat magnocellular nucleus basalis: effects on in vivo labelling of cholinergic neurons. <i>Neuroscience</i> , 2001, 108, 611-627. | 1.1 | 22 |
| 1075 | Impairment of two-way active avoidance after pedunculopontine tegmental nucleus lesions: effects of conditioned stimulus duration. <i>Behavioural Brain Research</i> , 2001, 118, 1-9. | 1.2 | 17 |
| 1076 | Selective deficits in attentional performance on the 5-choice serial reaction time task following pedunculopontine tegmental nucleus lesions. <i>Behavioural Brain Research</i> , 2001, 123, 117-131. | 1.2 | 100 |
| 1077 | Interactions between histaminergic and cholinergic systems in learning and memory. <i>Behavioural Brain Research</i> , 2001, 124, 183-194. | 1.2 | 81 |
| 1078 | The hippocampal formation "orbitomedial prefrontal cortex circuit in the attentional control of active memory. <i>Behavioural Brain Research</i> , 2001, 127, 99-117. | 1.2 | 105 |
| 1079 | Postnatal development of cholinergic system in mouse basal forebrain: acetylcholinesterase histochemistry and choline acetyltransferase immunoreactivity. <i>International Journal of Developmental Neuroscience</i> , 2001, 19, 495-502. | 0.7 | 12 |
| 1080 | Cholinergic systems and schizophrenia: primary pathology or epiphenomena?. <i>Journal of Chemical Neuroanatomy</i> , 2001, 22, 53-63. | 1.0 | 108 |
| 1081 | Acetylcholinesterase and butyrylcholinesterase histochemical activities and tumor cell growth in several brain tumors. <i>World Neurosurgery</i> , 2001, 55, 106-112. | 1.3 | 24 |
| 1082 | Microinjection of glutamate into the pedunculopontine tegmentum induces REM sleep and wakefulness in the rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 280, R752-R759. | 0.9 | 126 |
| 1083 | Experimental Localization of Kv1 Family Voltage-Gated K ⁺ Channel $\hat{1}$ and $\hat{2}$ Subunits in Rat Hippocampal Formation. <i>Journal of Neuroscience</i> , 2001, 21, 5973-5983. | 1.7 | 119 |
| 1084 | Cholinergic Basal Forebrain Systems in the Primate Central Nervous System: Anatomy, Connectivity, Neurochemistry, Aging, Dementia, and Experimental Therapeutics. , 2001, , 243-281. | | 6 |
| 1085 | Sensory Input Directs Spatial and Temporal Plasticity in Primary Auditory Cortex. <i>Journal of Neurophysiology</i> , 2001, 86, 326-338. | 0.9 | 170 |
| 1086 | Neurotransmitters in the thalamus relaying visceral input to the insular cortex in the rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R1665-R1674. | 0.9 | 16 |
| 1087 | Contribution of the cholinergic basal forebrain to proactive interference from stored odor memories during associative learning in rats.. <i>Behavioral Neuroscience</i> , 2001, 115, 314-327. | 0.6 | 55 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1088 | The effects of nucleus basalis magnocellularis lesions in Long-Evans hooded rats on two learning set formation tasks, delayed matching-to-sample learning, and open-field activity.. Behavioral Neuroscience, 2001, 115, 328-340. | 0.6 | 14 |
| 1089 | Age-related deficits in context discrimination learning in Ts65Dn mice that model Down syndrome and Alzheimer's disease.. Behavioral Neuroscience, 2001, 115, 1239-1246. | 0.6 | 72 |
| 1090 | Spectral Features Control Temporal Plasticity in Auditory Cortex. Audiology and Neuro-Otology, 2001, 6, 196-202. | 0.6 | 20 |
| 1091 | Apoptosis in motor neuron degenerative diseases. Advances in Cell Aging and Gerontology, 2001, , 225-269. | 0.1 | 0 |
| 1092 | Alzheimer Disease Therapeutics. Journal of Neuropathology and Experimental Neurology, 2001, 60, 923-928. | 0.9 | 42 |
| 1093 | Stimulation of 5-HT 1A receptors in the dorsal raphe ameliorates the impairment of spatial learning caused by intrahippocampal 7-chloro-kynurenic acid in naive and pretrained rats. Psychopharmacology, 2001, 158, 39-47. | 1.5 | 26 |
| 1094 | Neuronal nicotinic acetylcholine receptors and autosomal dominant nocturnal frontal lobe epilepsy: a critical review. Pflugers Archiv European Journal of Physiology, 2001, 442, 642-651. | 1.3 | 44 |
| 1095 | Electrophysiological characterization of laminar synaptic inputs to the olfactory tubercle of the rat studied in vitro: modulation of glutamatergic transmission by cholinergic agents is pathway-specific. European Journal of Neuroscience, 2001, 13, 1767-1780. | 1.2 | 11 |
| 1096 | Projections from the nociceptive area of the central nucleus of the amygdala to the forebrain: a PHA-L study in the rat. European Journal of Neuroscience, 2001, 14, 229-255. | 1.2 | 130 |
| 1097 | Histamine H3receptor-mediated impairment of contextual fear conditioning and in-vivo inhibition of cholinergic transmission in the rat basolateral amygdala. European Journal of Neuroscience, 2001, 14, 1522-1532. | 1.2 | 90 |
| 1098 | Excitation of the pedunculo pontine tegmental NMDA receptors induces wakefulness and cortical activation in the rat. Journal of Neuroscience Research, 2001, 66, 109-116. | 1.3 | 84 |
| 1099 | Distribution of choline acetyltransferase-immunoreactive structures in the lamprey brain. Journal of Comparative Neurology, 2001, 431, 105-126. | 0.9 | 139 |
| 1100 | Interconnectivity between the amygdaloid complex and the amygdalostriatal transition area: A PHA-L study in rat. Journal of Comparative Neurology, 2001, 431, 39-58. | 0.9 | 28 |
| 1101 | Distribution of galaninergic immunoreactivity in the brain of the mouse. Journal of Comparative Neurology, 2001, 434, 158-185. | 0.9 | 136 |
| 1102 | GABAergic septohippocampal neurons are not necessary for spatial memory. Hippocampus, 2001, 11, 814-827. | 0.9 | 81 |
| 1103 | Basal forebrain glutamatergic modulation of cortical acetylcholine release. Synapse, 2001, 39, 201-212. | 0.6 | 61 |
| 1104 | Cortical acetylcholine release elicited by stimulation of histamine H ₁ receptors in the nucleus basalis magnocellularis: a dual probe microdialysis study in the freely moving rat. European Journal of Neuroscience, 2001, 13, 68-78. | 1.2 | 12 |
| 1105 | The contribution of mild thiamine deficiency and ethanol consumption to central cholinergic parameter dysfunction and rats' open-field performance impairment. Pharmacology Biochemistry and Behavior, 2001, 70, 227-235. | 1.3 | 40 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1106 | Site-specific activation of dopamine and serotonin transmission by aniracetam in the mesocorticolimbic pathway of rats. <i>Brain Research</i> , 2001, 897, 82-92. | 1.1 | 29 |
| 1107 | Aniracetam enhances cortical dopamine and serotonin release via cholinergic and glutamatergic mechanisms in SHRSP. <i>Brain Research</i> , 2001, 916, 211-221. | 1.1 | 27 |
| 1108 | Differential changes in rat cholinergic parameters subsequent to immunotoxic lesion of the basal forebrain nuclei. <i>Brain Research</i> , 2001, 918, 113-120. | 1.1 | 20 |
| 1109 | The urotensin II receptor is expressed in the cholinergic mesopontine tegmentum of the rat. <i>Brain Research</i> , 2001, 923, 120-127. | 1.1 | 59 |
| 1110 | Involvement of cholinergic and glutamatergic functions in working memory impairment induced by interleukin-1 β in rats. <i>European Journal of Pharmacology</i> , 2001, 430, 283-288. | 1.7 | 35 |
| 1111 | Augusto Claudio Guillermo Cuello. <i>History of Neuroscience in Autobiography</i> , 2001, , 168-213. | 0.0 | 0 |
| 1112 | Induction of behavioral associative memory by stimulation of the nucleus basalis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4002-4007. | 3.3 | 88 |
| 1113 | Lesions of the nucleus basalis magnocellularis induced by 192 IgG-saporin block memory enhancement with posttraining norepinephrine in the basolateral amygdala. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2315-2319. | 3.3 | 68 |
| 1114 | Functional Recovery of Cholinergic Basal Forebrain Neurons under Disease Conditions: Old Problems, New Solutions?. <i>Reviews in the Neurosciences</i> , 2002, 13, 95-165. | 1.4 | 45 |
| 1115 | Simultaneous activation of gamma and theta network oscillations in rat hippocampal slice cultures. <i>Journal of Physiology</i> , 2002, 539, 857-868. | 1.3 | 40 |
| 1116 | Estimation of the Total Number of Cholinergic Neurons Containing Estrogen Receptor- α in the Rat Basal Forebrain. <i>Journal of Histochemistry and Cytochemistry</i> , 2002, 50, 891-902. | 1.3 | 60 |
| 1117 | Chapter 28 The modular organization of brain systems. Basal forebrain: the last frontier. <i>Progress in Brain Research</i> , 2002, 136, 359-372. | 0.9 | 122 |
| 1118 | Neurocircuitry of Stress Integration: Anatomical Pathways Regulating the Hypothalamo-Pituitary-Adrenocortical Axis of the Rat. <i>Integrative and Comparative Biology</i> , 2002, 42, 541-551. | 0.9 | 91 |
| 1119 | Gonadal Steroids, Learning, and Memory. , 2002, , 265-327. | | 50 |
| 1120 | Sex Steroids and Neuronal Growth in Adulthood. , 2002, , 717-XXXIII. | | 20 |
| 1121 | Distinct subsets of nucleus basalis neurons exhibit similar sensitivity to excitotoxicity. <i>NeuroReport</i> , 2002, 13, 767-772. | 0.6 | 11 |
| 1122 | The effects of electrical stimulation of the nucleus basalis on the electroencephalogram, heart rate, and respiration.. <i>Behavioral Neuroscience</i> , 2002, 116, 795-806. | 0.6 | 33 |
| 1123 | Mnemonic Deficits in Animals Depend upon the Degree of Cholinergic Deficit and Task Complexity. <i>Experimental Neurology</i> , 2002, 177, 292-305. | 2.0 | 47 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1124 | Phthalic Acid Amygdalopetal Lesion of the Nucleus Basalis Magnocellularis Induces Reversible Memory Deficits in Rats. <i>Neurobiology of Learning and Memory</i> , 2002, 77, 372-388. | 1.0 | 52 |
| 1125 | Amygdala Modulation of Memory Consolidation: Interaction with Other Brain Systems. <i>Neurobiology of Learning and Memory</i> , 2002, 78, 539-552. | 1.0 | 241 |
| 1126 | Electroencephalographic activation by fluoxetine in rats: role of 5-HT1A receptors and enhancement of concurrent acetylcholinesterase inhibitor treatment. <i>Neuropharmacology</i> , 2002, 42, 154-161. | 2.0 | 15 |
| 1127 | Cognitive Mechanisms of Nicotine on Visual Attention. <i>Neuron</i> , 2002, 36, 539-548. | 3.8 | 298 |
| 1128 | Influence of tooth-loss and concomitant masticatory alterations on cholinergic neurons in rats: immunohistochemical and biochemical studies. <i>Neuroscience Research</i> , 2002, 43, 373-379. | 1.0 | 48 |
| 1129 | Single-cell RT-PCR detects shifts in mRNA expression profiles of basal forebrain neurons during aging. <i>Molecular Brain Research</i> , 2002, 98, 67-80. | 2.5 | 21 |
| 1130 | Projections from the amygdaloid complex to the magnocellular cholinergic basal forebrain in rat. <i>Neuroscience</i> , 2002, 111, 133-149. | 1.1 | 69 |
| 1131 | Acetylcholinesterase knockouts establish central cholinergic pathways and can use butyrylcholinesterase to hydrolyze acetylcholine. <i>Neuroscience</i> , 2002, 110, 627-639. | 1.1 | 546 |
| 1132 | A novel role of pedunculopontine tegmental kainate receptors: a mechanism of rapid eye movement sleep generation in the rat. <i>Neuroscience</i> , 2002, 114, 157-164. | 1.1 | 56 |
| 1133 | Vitamin A deficiency produces spatial learning and memory impairment in rats. <i>Neuroscience</i> , 2002, 115, 475-482. | 1.1 | 191 |
| 1134 | Basal forebrain cholinergic cell attachment and neurite outgrowth on organotypic slice cultures of hippocampal formation. <i>Neuroscience</i> , 2002, 115, 815-827. | 1.1 | 7 |
| 1135 | Microinjection of procaine into the pedunculopontine tegmental nucleus suppresses hippocampal theta rhythm in urethane-anesthetized rats. <i>Brain Research Bulletin</i> , 2002, 58, 377-384. | 1.4 | 34 |
| 1136 | Changes in the septohippocampal cholinergic system following removal of molar teeth in the aged SAMP8 mouse. <i>Behavioural Brain Research</i> , 2002, 133, 197-204. | 1.2 | 69 |
| 1137 | Cholinergic activation of the basolateral amygdala regulates unlearned freezing behavior in rats. <i>Behavioural Brain Research</i> , 2002, 134, 307-315. | 1.2 | 61 |
| 1138 | Determination of acetylcholine and dopamine content in thalamus and striatum after excitotoxic lesions of the pedunculopontine tegmental nucleus in rats. <i>Neuroscience Letters</i> , 2002, 322, 45-48. | 1.0 | 11 |
| 1139 | The Relationship Between Hippocampal Acetylcholine Release and Cholinergic Convulsant Sensitivity in Withdrawal Seizure-Prone and Withdrawal Seizure-Resistant Selected Mouse Lines. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1141-1152. | 1.4 | 0 |
| 1140 | Two Types of Nicotinic Receptors Mediate an Excitation of Neocortical Layer I Interneurons. <i>Journal of Neurophysiology</i> , 2002, 88, 1318-1327. | 0.9 | 123 |
| 1141 | Selective Behavioral and Neurochemical Effects of Cholinergic Lesions Produced by Intrabasalis Infusions of 192 IgG-Saporin on Attentional Performance in a Five-Choice Serial Reaction Time Task. <i>Journal of Neuroscience</i> , 2002, 22, 1905-1913. | 1.7 | 297 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1142 | Electroencephalographic activation by tacrine, deprenyl, and quipazine: cholinergic vs. non-cholinergic contributions. <i>European Journal of Pharmacology</i> , 2002, 447, 43-50. | 1.7 | 21 |
| 1143 | The neurosteroid pregnenolone sulfate infused into the medial septum nucleus increases hippocampal acetylcholine and spatial memory in rats. <i>Brain Research</i> , 2002, 951, 237-242. | 1.1 | 46 |
| 1144 | Potential of local field potentials in the anterior cingulate cortex evoked by the stimulation of the medial thalamic nuclei in rats. <i>Brain Research</i> , 2002, 953, 37-44. | 1.1 | 35 |
| 1145 | The caudal sublenticular region/anterior amygdaloid area is the only part of the rat forebrain and mesopontine tegmentum occupied by magnocellular cholinergic neurons that receives outputs from the central division of extended amygdala. <i>Brain Research</i> , 2002, 957, 207-222. | 1.1 | 34 |
| 1146 | Differential Effects of Caffeine on Dopamine and Acetylcholine Transmission in Brain Areas of Drug-naive and Caffeine-pretreated Rats. <i>Neuropsychopharmacology</i> , 2002, 27, 182-193. | 2.8 | 150 |
| 1147 | Upregulation of choline acetyltransferase activity in hippocampus and frontal cortex of elderly subjects with mild cognitive impairment. <i>Annals of Neurology</i> , 2002, 51, 145-155. | 2.8 | 639 |
| 1148 | Single cell activity patterns of pedunculo-pontine tegmentum neurons across the sleep-wake cycle in the freely moving rats. <i>Journal of Neuroscience Research</i> , 2002, 70, 611-621. | 1.3 | 204 |
| 1149 | Organization of the avian basal forebrain: Chemical anatomy in the parrot (<i>Melopsittacus undulatus</i>). <i>Journal of Comparative Neurology</i> , 2002, 454, 383-408. | 0.9 | 45 |
| 1150 | Selective immunolesioning of the basal forebrain cholinergic neurons in rats: effect on attention using the 5-choice serial reaction time task. <i>Psychopharmacology</i> , 2002, 164, 71-81. | 1.5 | 56 |
| 1151 | Histamine H3-receptor blockade in the rat nucleus basalis magnocellularis improves place recognition memory. <i>Psychopharmacology</i> , 2002, 159, 133-137. | 1.5 | 51 |
| 1152 | Cortical network reorganization guided by sensory input features. <i>Biological Cybernetics</i> , 2002, 87, 333-343. | 0.6 | 55 |
| 1153 | Cortico-hippocampal APP and NGF levels are dynamically altered by cholinergic muscarinic antagonist or M1 agonist treatment in normal mice. <i>European Journal of Neuroscience</i> , 2002, 15, 498-506. | 1.2 | 25 |
| 1154 | Endogenous histamine in the medial septum-diagonal band complex increases the release of acetylcholine from the hippocampus: a dual-probe microdialysis study in the freely moving rat. <i>European Journal of Neuroscience</i> , 2002, 15, 1669-1680. | 1.2 | 56 |
| 1155 | Activation of histaminergic H3 receptors in the rat basolateral amygdala improves expression of fear memory and enhances acetylcholine release. <i>European Journal of Neuroscience</i> , 2002, 16, 521-528. | 1.2 | 87 |
| 1156 | Selective lesions of basal forebrain cholinergic neurons produce anterograde and retrograde deficits in a social transmission of food preference task in rats. <i>European Journal of Neuroscience</i> , 2002, 16, 983-998. | 1.2 | 56 |
| 1157 | Specific contributions of the basal forebrain corticopetal cholinergic system to electroencephalographic activity and sleep/waking behaviour. <i>European Journal of Neuroscience</i> , 2002, 16, 2453-2461. | 1.2 | 79 |
| 1158 | Time-Related Cortical Amino Acid Changes After Basal Forebrain Lesion: A Microdialysis Study. <i>Journal of Neurochemistry</i> , 1995, 64, 285-291. | 2.1 | 13 |
| 1159 | Cholinergic Control of Nerve Growth Factor in Adult Rats: Evidence from Cortical Cholinergic Deafferentation and Chronic Drug Treatment. <i>Journal of Neurochemistry</i> , 1997, 69, 947-953. | 2.1 | 31 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1160 | Histamine H ₁ Receptor Antagonists Produce Increases in Extracellular Acetylcholine in Rat Frontal Cortex and Hippocampus. <i>Journal of Neurochemistry</i> , 1998, 70, 1750-1758. | 2.1 | 30 |
| 1161 | The Relationship Between Hippocampal Acetylcholine Release and Cholinergic Convulsant Sensitivity in Withdrawal Seizure-Prone and Withdrawal Seizure-Resistant Selected Mouse Lines. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1141-1152. | 1.4 | 6 |
| 1162 | Neuron activity in the pedunculopontine nucleus during an operant conditioned defensive reflex. <i>Neuroscience and Behavioral Physiology</i> , 2003, 33, 499-506. | 0.2 | 5 |
| 1163 | Activity of neurons in the pedunculopontine nucleus during a food-related operant conditioned reflex. <i>Neuroscience and Behavioral Physiology</i> , 2003, 33, 919-928. | 0.2 | 5 |
| 1164 | Functional organization of lemniscal and nonlemniscal auditory thalamus. <i>Experimental Brain Research</i> , 2003, 153, 543-549. | 0.7 | 101 |
| 1165 | Cholinergic modulation of the cortical neuronal network. <i>Pflugers Archiv European Journal of Physiology</i> , 2003, 446, 17-29. | 1.3 | 177 |
| 1166 | Acetylcholine-dependent potentiation of temporal frequency representation in the barrel cortex does not depend on response magnitude during conditioning. <i>Journal of Physiology (Paris)</i> , 2003, 97, 431-439. | 2.1 | 15 |
| 1167 | EEG related neuronal activity in the pedunculopontine tegmental nucleus of urethane anaesthetized rats. <i>Brain Research</i> , 2003, 959, 304-311. | 1.1 | 20 |
| 1168 | 192 IgG-saporin lesions to the nucleus basalis magnocellularis (nBM) disrupt acquisition of learning set formation. <i>Brain Research</i> , 2003, 969, 147-159. | 1.1 | 22 |
| 1169 | Chemical anatomy of the human ventral striatum and adjacent basal forebrain structures. <i>Journal of Comparative Neurology</i> , 2003, 460, 345-367. | 0.9 | 67 |
| 1170 | Rabbit forebrain cholinergic system: Morphological characterization of nuclei and distribution of cholinergic terminals in the cerebral cortex and hippocampus. <i>Journal of Comparative Neurology</i> , 2003, 460, 597-611. | 0.9 | 28 |
| 1171 | Distribution of high affinity choline transporter immunoreactivity in the primate central nervous system. <i>Journal of Comparative Neurology</i> , 2003, 463, 341-357. | 0.9 | 67 |
| 1172 | Nicotinic activation of reticulospinal cells involved in the control of swimming in lampreys. <i>European Journal of Neuroscience</i> , 2003, 17, 137-148. | 1.2 | 64 |
| 1173 | Muscarinic and GABA _A receptors modulate acetylcholine release in feline basal forebrain. <i>European Journal of Neuroscience</i> , 2003, 17, 249-259. | 1.2 | 37 |
| 1174 | A double dissociation between serial reaction time and radial maze performance in rats subjected to 192 IgG-saporin lesions of the nucleus basalis and/or the septal region. <i>European Journal of Neuroscience</i> , 2003, 18, 651-666. | 1.2 | 91 |
| 1175 | Complementary distribution of type 1 cannabinoid receptors and vesicular glutamate transporter 3 in basal forebrain suggests input-specific retrograde signalling by cholinergic neurons. <i>European Journal of Neuroscience</i> , 2003, 18, 1979-1992. | 1.2 | 69 |
| 1176 | Ascending visceral regulation of cortical affective information processing. <i>European Journal of Neuroscience</i> , 2003, 18, 2103-2109. | 1.2 | 150 |
| 1177 | Histaminergic facilitation of electrocorticographic activation: role of basal forebrain, thalamus, and neocortex. <i>European Journal of Neuroscience</i> , 2003, 18, 2285-2291. | 1.2 | 15 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1178 | Individual differences in cognitive aging: implication of pregnenolone sulfate. <i>Progress in Neurobiology</i> , 2003, 71, 43-48. | 2.8 | 51 |
| 1179 | Neurturin and persephin promote the survival of embryonic basal forebrain cholinergic neurons in vitro. <i>Experimental Neurology</i> , 2003, 184, 447-455. | 2.0 | 21 |
| 1180 | Input-specific effects of acetylcholine on sensory and intracortical evoked responses in the barrel cortex in vivo. <i>Neuroscience</i> , 2003, 117, 769-778. | 1.1 | 106 |
| 1181 | Blockade of epinephrine priming of the cerebral auditory evoked response by cortical cholinergic deafferentation. <i>Neuroscience</i> , 2003, 116, 179-186. | 1.1 | 50 |
| 1182 | Investigations of the cholinergic modulation of gaba release in rat thalamus slices. <i>Neuroscience</i> , 2003, 116, 447-453. | 1.1 | 20 |
| 1183 | The selective cyclooxygenase-2 inhibitor rofecoxib suppresses brain inflammation and protects cholinergic neurons from excitotoxic degeneration in vivo. <i>Neuroscience</i> , 2003, 117, 909-919. | 1.1 | 77 |
| 1184 | Electrophysiological evidence for the existence of a posterior cortical prefrontal basal forebrain circuitry in modulating sensory responses in visual and somatosensory rat cortical areas. <i>Neuroscience</i> , 2003, 119, 597-609. | 1.1 | 108 |
| 1185 | Integrated contributions of basal forebrain and thalamus to neocortical activation elicited by pedunculopontine tegmental stimulation in urethane-anesthetized rats. <i>Neuroscience</i> , 2003, 119, 839-853. | 1.1 | 124 |
| 1186 | Nerve growth factor prevents cell death and induces hypertrophy of basal forebrain cholinergic neurons in rats withdrawn from prolonged ethanol intake. <i>Neuroscience</i> , 2003, 119, 1055-1069. | 1.1 | 38 |
| 1187 | Effects of pedunculopontine tegmental nucleus lesions on emotional reactivity and locomotion in rats. <i>Brain Research Bulletin</i> , 2003, 59, 495-503. | 1.4 | 13 |
| 1188 | Parafascicular electrical stimulation attenuates nucleus basalis magnocellularis lesion-induced active avoidance retention deficit. <i>Behavioural Brain Research</i> , 2003, 144, 37-48. | 1.2 | 5 |
| 1189 | CS-specific gamma, theta, and alpha EEG activity detected in stimulus generalization following induction of behavioral memory by stimulation of the nucleus basalis. <i>Neurobiology of Learning and Memory</i> , 2003, 79, 152-176. | 1.0 | 25 |
| 1190 | The LIM-homeobox gene Lhx8 is required for the development of many cholinergic neurons in the mouse forebrain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9005-9010. | 3.3 | 204 |
| 1191 | Estrogen Enhances Retrograde Transport of Brain-Derived Neurotrophic Factor in the Rodent Forebrain. <i>Endocrinology</i> , 2003, 144, 5022-5029. | 1.4 | 35 |
| 1192 | CANADIAN ASSOCIATION OF NEUROSCIENCE REVIEW: Development and Plasticity of the Auditory Cortex. <i>Canadian Journal of Neurological Sciences</i> , 2003, 30, 189-200. | 0.3 | 31 |
| 1193 | Nitric Oxide-Mediated Cortical Activation: A Diffuse Wake-Up System. <i>Journal of Neuroscience</i> , 2003, 23, 4299-4307. | 1.7 | 37 |
| 1194 | Progressive Degradation and Subsequent Refinement of Acoustic Representations in the Adult Auditory Cortex. <i>Journal of Neuroscience</i> , 2003, 23, 10765-10775. | 1.7 | 92 |
| 1195 | Opposing Electrophysiological Actions of 5-HT on Noncholinergic and Cholinergic Neurons in the Rat Ventral Pallidum In Vitro. <i>Journal of Neurophysiology</i> , 2004, 92, 433-443. | 0.9 | 36 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1196 | Spontaneous REM Sleep Is Modulated By the Activation of the Pedunclopontine Tegmental GABAB Receptors in the Freely Moving Rat. <i>Journal of Neurophysiology</i> , 2004, 91, 1822-1831. | 0.9 | 53 |
| 1197 | Functional Nicotinic Acetylcholine Receptors on Subplate Neurons in Neonatal Rat Somatosensory Cortex. <i>Journal of Neurophysiology</i> , 2004, 92, 189-198. | 0.9 | 30 |
| 1198 | Visual System. , 2004, , 1083-1165. | | 23 |
| 1199 | The Septal Region. , 2004, , 605-632. | | 28 |
| 1200 | Reduction in Acetylcholine Release in the Hippocampus of Dopamine D5 Receptor-Deficient Mice. <i>Neuropsychopharmacology</i> , 2004, 29, 1620-1627. | 2.8 | 46 |
| 1201 | Septohippocampal Acetylcholine: Involved in but not Necessary for Learning and Memory?. <i>Learning and Memory</i> , 2004, 11, 9-20. | 0.5 | 170 |
| 1202 | Acetylcholine, Histamine, and Cognition: Two Sides of the Same Coin. <i>Learning and Memory</i> , 2004, 11, 1-8. | 0.5 | 71 |
| 1203 | Galanin and Cognition. <i>Behavioral and Cognitive Neuroscience Reviews</i> , 2004, 3, 222-242. | 3.9 | 21 |
| 1204 | The Cholinergic Lesion of Alzheimer's Disease: Pivotal Factor or Side Show?. <i>Learning and Memory</i> , 2004, 11, 43-49. | 0.5 | 402 |
| 1205 | Drugs that target muscarinic cholinergic receptors. , 2004, , 37-48. | | 5 |
| 1206 | Nicotinic modulation of thalamocortical neurotransmission. <i>Progress in Brain Research</i> , 2004, 145, 253-260. | 0.9 | 26 |
| 1207 | ApoE ϵ 4 Genotype Is Accompanied by Lower Metabolic Activity in Nucleus Basalis of Meynert Neurons in Alzheimer Patients and Controls as Indicated by the Size of the Golgi Apparatus. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 159-169. | 0.9 | 34 |
| 1208 | Acetylcholinesterase Imaging: Its Use in Therapy Evaluation and Drug Design. <i>Current Pharmaceutical Design</i> , 2004, 10, 1505-1517. | 0.9 | 43 |
| 1209 | Cholinergic Modulation of Visual Attention and Working Memory: Dissociable Effects of Basal Forebrain 192-IgG-saporin Lesions and Intraprefrontal Infusions of Scopolamine. <i>Learning and Memory</i> , 2004, 11, 78-86. | 0.5 | 125 |
| 1210 | Cortical Cholinergic Function and Deficits in Visual Attentional Performance in Rats Following 192 IgG-Saporin-induced Lesions of the Medial Prefrontal Cortex. <i>Cerebral Cortex</i> , 2004, 14, 922-932. | 1.6 | 157 |
| 1211 | Induction of c-fos in specific thalamic nuclei following stimulation of the pedunclopontine tegmental nucleus. <i>European Journal of Neuroscience</i> , 2004, 20, 1827-1837. | 1.2 | 21 |
| 1212 | Long-term effects of striatal lesions on c-Fos immunoreactivity in the pedunclopontine nucleus. <i>European Journal of Neuroscience</i> , 2004, 20, 2367-2376. | 1.2 | 5 |
| 1213 | Selective cholinergic denervation of the cingulate cortex impairs the acquisition and performance of a conditional visual discrimination in rats. <i>European Journal of Neuroscience</i> , 2004, 19, 490-496. | 1.2 | 13 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1214 | The neurobiology of nicotine addiction: bridging the gap from molecules to behaviour. <i>Nature Reviews Neuroscience</i> , 2004, 5, 55-65. | 4.9 | 381 |
| 1215 | Sexually dimorphic effects of hippocampal cholinergic deafferentation in rats. <i>European Journal of Neuroscience</i> , 2004, 20, 3041-3053. | 1.2 | 26 |
| 1216 | Cholinergic neurons in the basal forebrain of aged female mice. <i>Brain Research</i> , 2004, 1022, 148-156. | 1.1 | 8 |
| 1217 | Activity of Neurons in the Basal Magnocellular Nucleus During Performance of an Operant Task. <i>Neuroscience and Behavioral Physiology</i> , 2004, 34, 907-918. | 0.2 | 1 |
| 1218 | Alpha-adrenergic receptor (α_2A) is colocalized in basal forebrain cholinergic neurons: A light and electron microscopic double immunolabeling study. <i>Journal of Neurocytology</i> , 2004, 33, 265-276. | 1.6 | 13 |
| 1219 | Cognitive dysfunction and dementia in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2004, 111, 1303-1315. | 1.4 | 238 |
| 1220 | Chemoarchitectonic subdivisions of the songbird septum and a comparative overview of septum chemical anatomy in jawed vertebrates. <i>Journal of Comparative Neurology</i> , 2004, 473, 293-314. | 0.9 | 103 |
| 1221 | GABAergic basal forebrain neurons that express receptor for neurokinin B and send axons to the cerebral cortex. <i>Journal of Comparative Neurology</i> , 2004, 473, 43-58. | 0.9 | 44 |
| 1222 | Noradrenergic innervation of the developing and mature septal area of the rat. <i>Journal of Comparative Neurology</i> , 2004, 476, 80-90. | 0.9 | 15 |
| 1223 | Sleep-wake states and cortical synchronization control by pregnenolone sulfate into the pedunculopontine nucleus. <i>Journal of Neuroscience Research</i> , 2004, 76, 742-747. | 1.3 | 17 |
| 1224 | Decreased neurogenesis after cholinergic forebrain lesion in the adult rat. <i>Journal of Neuroscience Research</i> , 2004, 77, 155-165. | 1.3 | 230 |
| 1225 | Chronic exposure to ethanol alters neurotrophin content in the basal forebrain-cortex system in the mature rat: Effects on autocrine-paracrine mechanisms. <i>Journal of Neurobiology</i> , 2004, 60, 490-498. | 3.7 | 56 |
| 1226 | Muscarinic modulation of firing mode of layer II/III pyramidal neurons in the cat motor cortex. , 0, , . | | 0 |
| 1227 | Psychotic symptoms in Parkinson's disease: pathophysiology and management. <i>Expert Opinion on Drug Safety</i> , 2004, 3, 209-220. | 1.0 | 13 |
| 1228 | Intraseptal muscarinic ligands and galanin: influence on hippocampal acetylcholine and cognition. <i>Neuroscience</i> , 2004, 126, 541-541. | 1.1 | 0 |
| 1229 | The cholinergic innervation of the human cerebral cortex. <i>Progress in Brain Research</i> , 2004, 145, 67-78. | 0.9 | 164 |
| 1230 | The nicotinic acetylcholine receptor subtypes and their function in the hippocampus and cerebral cortex. <i>Progress in Brain Research</i> , 2004, 145, 109-120. | 0.9 | 176 |
| 1231 | High acetylcholine levels set circuit dynamics for attention and encoding and low acetylcholine levels set dynamics for consolidation. <i>Progress in Brain Research</i> , 2004, 145, 207-231. | 0.9 | 459 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1232 | Structural determinants of the roles of acetylcholine in cerebral cortex. <i>Progress in Brain Research</i> , 2004, 145, 45-58. | 0.9 | 31 |
| 1233 | Cognitive Enhancing Drugs. , 2004, , . | | 2 |
| 1234 | Amygdala and Extended Amygdala of the Rat: A Cytoarchitectonical, Fibroarchitectonical, and Chemoarchitectonical Survey. , 2004, , 509-603. | | 81 |
| 1235 | Repeated episodic exposure to ethanol affects neurotrophin content in the forebrain of the mature rat. <i>Experimental Neurology</i> , 2004, 189, 173-181. | 2.0 | 34 |
| 1236 | Effects of electrical stimulation of the nucleus basalis on two-way active avoidance acquisition, retention, and retrieval. <i>Behavioural Brain Research</i> , 2004, 154, 41-54. | 1.2 | 35 |
| 1237 | Pedunculopontine nucleus and basal ganglia: distant relatives or part of the same family?. <i>Trends in Neurosciences</i> , 2004, 27, 585-588. | 4.2 | 304 |
| 1238 | Galanin in the brain: chemoarchitectonics and brain cartographyâ€™a historical review. <i>Peptides</i> , 2004, 25, 433-464. | 1.2 | 63 |
| 1239 | Intraseptal muscarinic ligands and galanin: influence on hippocampal acetylcholine and cognition. <i>Neuroscience</i> , 2004, 126, 541-557. | 1.1 | 81 |
| 1240 | Tonotopic and heterotopic projection systems in physiologically defined auditory cortex. <i>Neuroscience</i> , 2004, 128, 871-887. | 1.1 | 84 |
| 1241 | Pontine cholinergic mechanisms and their impact on respiratory regulation. <i>Respiratory Physiology and Neurobiology</i> , 2004, 143, 235-249. | 0.7 | 78 |
| 1242 | Scopolamine-induced amnesia can be prevented by heat shock pretreatment in rats. <i>Neuroscience Letters</i> , 2004, 364, 63-66. | 1.0 | 17 |
| 1243 | Anatomy of the Anterior Temporal Lobe and the Frontotemporal Region Demonstrated by Fiber Dissection. <i>Neurosurgery</i> , 2004, 55, 1174-1184. | 0.6 | 108 |
| 1244 | Muscarinic Cholinergic Contribution to Memory Consolidation: With Attention to Involvement of the Basolateral Amygdala. <i>Current Medicinal Chemistry</i> , 2004, 11, 987-996. | 1.2 | 34 |
| 1245 | Sleep Neurobiology for the Clinician. <i>Sleep</i> , 2004, , . | 0.6 | 46 |
| 1246 | Sleep-Wake Related Discharge Properties of Basal Forebrain Neurons Recorded With Micropipettes in Head-Fixed Rats. <i>Journal of Neurophysiology</i> , 2004, 92, 1182-1198. | 0.9 | 115 |
| 1247 | Specific changes in conditioned responding following neurotoxic damage to the posterior parietal cortex.. <i>Behavioral Neuroscience</i> , 2005, 119, 1580-1587. | 0.6 | 15 |
| 1248 | Sound-guided shaping of the receptive field in the mouse auditory cortex by basal forebrain activation. <i>European Journal of Neuroscience</i> , 2005, 21, 563-576. | 1.2 | 55 |
| 1249 | Selective cholinergic immunolesioning affects synaptic plasticity in developing visual cortex. <i>European Journal of Neuroscience</i> , 2005, 21, 1807-1814. | 1.2 | 30 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1250 | GABABand CB1cannabinoid receptor expression identifies two types of septal cholinergic neurons. <i>European Journal of Neuroscience</i> , 2005, 21, 3034-3042. | 1.2 | 49 |
| 1251 | Nicotine reinforcement and cognition restored by targeted expression of nicotinic receptors. <i>Nature</i> , 2005, 436, 103-107. | 13.7 | 548 |
| 1252 | Patterns of afferent projections to the dentate gyrus studied in organotypic co-cultures. <i>Developmental Brain Research</i> , 2005, 157, 162-171. | 2.1 | 9 |
| 1253 | Nitric oxide-induced cGMP synthesis in the cholinergic system during the development and aging of the rat brain. <i>Developmental Brain Research</i> , 2005, 158, 72-81. | 2.1 | 15 |
| 1254 | Cholinergic involvement in the cortical and hippocampal Fos expression induced in the rat by placement in a novel environment. <i>Brain Research</i> , 2005, 1051, 57-65. | 1.1 | 31 |
| 1255 | Neurochemical correlates of differential neuroprotection by long-term dietary creatine supplementation. <i>Brain Research</i> , 2005, 1058, 183-188. | 1.1 | 21 |
| 1256 | Molarless-induced changes of spines in hippocampal region of SAMP8 mice. <i>Brain Research</i> , 2005, 1057, 191-195. | 1.1 | 49 |
| 1257 | AAV2/5-mediated NGF gene delivery protects septal cholinergic neurons following axotomy. <i>Brain Research</i> , 2005, 1061, 107-113. | 1.1 | 21 |
| 1258 | Organization of hypocretin/orexin efferents to locus coeruleus and basal forebrain arousal-related structures. <i>Journal of Comparative Neurology</i> , 2005, 481, 160-178. | 0.9 | 136 |
| 1259 | Postnatal development of the cholinergic innervation in the dorsal hippocampus of rat: Quantitative light and electron microscopic immunocytochemical study. <i>Journal of Comparative Neurology</i> , 2005, 486, 61-75. | 0.9 | 42 |
| 1260 | Comparison of $\alpha 2$ nicotinic acetylcholine receptor subunit mRNA expression in the central nervous system of rats and mice. <i>Journal of Comparative Neurology</i> , 2005, 493, 241-260. | 0.9 | 76 |
| 1262 | Excitotoxic lesions of the pedunclopontine tegmental nucleus in rats impair performance on a test of sustained attention. <i>Experimental Brain Research</i> , 2005, 162, 257-264. | 0.7 | 30 |
| 1263 | The acetylcholine innervation of cerebral cortex: new data on its normal development and its fate in the hAPPSW,IND mouse model of Alzheimer's disease. <i>Journal of Neural Transmission</i> , 2005, 112, 149-162. | 1.4 | 33 |
| 1264 | Structural Organization of the Pedunclopontine Nucleus of the Tegmentum of the Dog Midbrain. <i>Neuroscience and Behavioral Physiology</i> , 2005, 35, 793-797. | 0.2 | 0 |
| 1265 | Novel Role of Brain Stem Pedunclopontine Tegmental Adenylyl Cyclase in the Regulation of Spontaneous REM Sleep in the Freely Moving Rat. <i>Journal of Neurophysiology</i> , 2005, 94, 1928-1937. | 0.9 | 18 |
| 1266 | Acetylcholine in the orbitofrontal cortex is necessary for the acquisition of a socially transmitted food preference. <i>Learning and Memory</i> , 2005, 12, 302-306. | 0.5 | 39 |
| 1268 | Acetylcholine release in the hippocampus and striatum during place and response training. <i>Learning and Memory</i> , 2005, 12, 564-572. | 0.5 | 58 |
| 1269 | Dopamine D5 receptor localization on cholinergic neurons of the rat forebrain and diencephalon: A potential neuroanatomical substrate involved in mediating dopaminergic influences on acetylcholine release. <i>Journal of Comparative Neurology</i> , 2005, 492, 34-49. | 0.9 | 61 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1270 | Sleep-wake and Other Biological Rhythms: Functional Neuroanatomy. Clinics in Sports Medicine, 2005, 24, 205-235. | 0.9 | 18 |
| 1271 | Disease-related regressive alterations of forebrain cholinergic system in SOD1 mutant transgenic mice. Neurochemistry International, 2005, 46, 357-368. | 1.9 | 21 |
| 1272 | Origin and immunolesioning of cholinergic basal forebrain innervation of cat primary auditory cortex. Hearing Research, 2005, 206, 89-106. | 0.9 | 20 |
| 1273 | Effects of pre-training pedunclopontine tegmental nucleus lesions on delayed matching- and non-matching-to-position in a T-maze in rats. Behavioural Brain Research, 2005, 160, 115-124. | 1.2 | 7 |
| 1274 | Galantamine-induced behavioral recovery after sublethal excitotoxic lesions to the rat medial septum. Behavioural Brain Research, 2005, 163, 33-41. | 1.2 | 20 |
| 1275 | Partial cloning and expression of mRNA coding choline acetyltransferase in the spinal cord of the goldfish, <i>Carassius auratus</i> . Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2005, 141, 253-260. | 0.7 | 7 |
| 1276 | Stimulation of cortical acetylcholine release by orexin A. Neuroscience, 2005, 130, 541-547. | 1.1 | 78 |
| 1277 | Acetylcholine release is elicited in the visual cortex, but not in the prefrontal cortex, by patterned visual stimulation: A dual in vivo microdialysis study with functional correlates in the rat brain. Neuroscience, 2005, 132, 501-510. | 1.1 | 53 |
| 1278 | Redistribution of CB1 cannabinoid receptors during evolution of cholinergic basal forebrain territories and their cortical projection areas: A comparison between the gray mouse lemur (<i>Microcebus murinus</i> , primates) and rat. Neuroscience, 2005, 135, 595-609. | 1.1 | 24 |
| 1279 | Simultaneous Release of Glutamate and Acetylcholine from Single Magnocellular "Cholinergic" Basal Forebrain Neurons. Journal of Neuroscience, 2006, 26, 1588-1595. | 1.7 | 71 |
| 1280 | How best to consider the structure and function of the pedunclopontine tegmental nucleus: Evidence from animal studies. Journal of the Neurological Sciences, 2006, 248, 234-250. | 0.3 | 166 |
| 1281 | Molecules and Membrane Activity: Single-Cell RT-PCR and Patch-Clamp Recording from Central Neurons. , 2006, , 142-174. | | 5 |
| 1282 | The septohippocampal cholinergic system and spatial working memory in the Morris water maze. Behavioural Brain Research, 2006, 168, 37-46. | 1.2 | 43 |
| 1283 | NMDA receptor blockers prevents the facilitatory effects of post-training intra-dorsal hippocampal NMDA and physostigmine on memory retention of passive avoidance learning in rats. Behavioural Brain Research, 2006, 169, 120-127. | 1.2 | 46 |
| 1284 | Central nicotinic cholinergic systems: A role in the cognitive dysfunction in Attention-Deficit/Hyperactivity Disorder?. Behavioural Brain Research, 2006, 175, 201-211. | 1.2 | 87 |
| 1285 | Aversive stimulus attenuates impairment of acquisition in a delayed match to position T-maze task caused by a selective lesion of septo-hippocampal cholinergic projections. Brain Research Bulletin, 2006, 69, 660-665. | 1.4 | 11 |
| 1286 | Neuropharmacology of cognition and memory: A unifying theory of neuromodulator imbalance in psychiatry and amnesia. Medical Hypotheses, 2006, 66, 394-431. | 0.8 | 26 |
| 1287 | The organization of the brainstem and spinal cord of the mouse: Relationships between monoaminergic, cholinergic, and spinal projection systems. Journal of Chemical Neuroanatomy, 2006, 31, 2-36. | 1.0 | 108 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1288 | The immunohistochemical localization of neuronal nitric oxide synthase in the basal forebrain of the dog. <i>Journal of Chemical Neuroanatomy</i> , 2006, 31, 200-209. | 1.0 | 7 |
| 1289 | Neurochemical diversity of neurogliaform cells in the human primary motor cortex. <i>Journal of Chemical Neuroanatomy</i> , 2006, 31, 304-310. | 1.0 | 6 |
| 1290 | A distinct group of non-cholinergic neurons along the mid-line of the septum and within the rat medial septal nucleus. <i>Neuroscience Letters</i> , 2006, 410, 20-24. | 1.0 | 3 |
| 1291 | A role for neurotrophin-3 in targeting developing cholinergic axon projections to cerebral cortex. <i>Neuroscience</i> , 2006, 143, 523-539. | 1.1 | 15 |
| 1292 | The level of cholinergic nucleus basalis activation controls the specificity of auditory associative memory. <i>Neurobiology of Learning and Memory</i> , 2006, 86, 270-285. | 1.0 | 54 |
| 1294 | Endogenous Acetylcholine Enhances Synchronized Interneuron Activity in Rat Neocortex. <i>Journal of Neurophysiology</i> , 2006, 95, 1908-1916. | 0.9 | 20 |
| 1295 | Network Architecture, Receptive Fields, and Neuromodulation: Computational and Functional Implications of Cholinergic Modulation in Primary Auditory Cortex. <i>Journal of Neurophysiology</i> , 2006, 96, 2972-2983. | 0.9 | 26 |
| 1296 | Effect of nucleus basalis magnocellularis cholinergic lesions on fear-like and anxiety-like behavior.. <i>Behavioral Neuroscience</i> , 2006, 120, 307-312. | 0.6 | 29 |
| 1298 | Increased Metabolic Activity in Nucleus Basalis of Meynert Neurons in Elderly Individuals With Mild Cognitive Impairment as Indicated by the Size of the Golgi Apparatus. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 257-266. | 0.9 | 25 |
| 1299 | State-Dependent Gating of Sensory Inputs by Zona Incerta. <i>Journal of Neurophysiology</i> , 2006, 96, 1456-1463. | 0.9 | 121 |
| 1300 | Neurochemical modulation of orbitofrontal cortex function. , 2006, , 393-422. | | 6 |
| 1301 | Intravenous self-administration of nicotine is altered by lesions of the posterior, but not anterior, pedunculopontine tegmental nucleus. <i>European Journal of Neuroscience</i> , 2006, 23, 2169-2175. | 1.2 | 53 |
| 1302 | Apoptosis in the rat basal forebrain during development and following lesions of connections. <i>European Journal of Neuroscience</i> , 2006, 24, 573-585. | 1.2 | 16 |
| 1303 | The Amygdala and Alzheimer's Disease. <i>Annals of the New York Academy of Sciences</i> , 2003, 985, 411-419. | 1.8 | 22 |
| 1304 | Septal networks: relevance to theta rhythm, epilepsy and Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2006, 96, 609-623. | 2.1 | 129 |
| 1305 | Microdialysis measures of functional increases in ACh release in the hippocampus with and without inclusion of acetylcholinesterase inhibitors in the perfusate. <i>Journal of Neurochemistry</i> , 2006, 97, 697-706. | 2.1 | 47 |
| 1306 | Choline acetyltransferase activity at different ages in brain of Ts65Dn mice, an animal model for Down's syndrome and related neurodegenerative diseases. <i>Journal of Neurochemistry</i> , 2006, 97, 515-526. | 2.1 | 63 |
| 1307 | Nitric oxide synthase-containing neurons in the amygdaloid nuclear complex of the rat. <i>Anatomy and Embryology</i> , 2006, 211, 721-737. | 1.5 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1308 | Regional acetylcholinesterase activity and its correlation with behavioral performances in 15-month old transgenic mice expressing the human C99 fragment of APP. <i>Journal of Neural Transmission</i> , 2006, 113, 1225-1241. | 1.4 | 14 |
| 1309 | Brain stem afferent connections of the amygdala in the rat with special references to a projection from the parabigeminal nucleus: a fluorescent retrograde tracing study. <i>Anatomy and Embryology</i> , 2006, 211, 475-496. | 1.5 | 39 |
| 1310 | Neurosteroids and cholinergic systems: implications for sleep and cognitive processes and potential role of age-related changes. <i>Psychopharmacology</i> , 2006, 186, 402-413. | 1.5 | 44 |
| 1311 | Verapamil prevents, in a dose-dependent way, the loss of ChAT-immunoreactive neurons in the cerebral cortex following lesions of the rat nucleus basalis magnocellularis. <i>Experimental Brain Research</i> , 2006, 170, 368-375. | 0.7 | 9 |
| 1312 | Acetylcholine release, EEG spectral analysis, sleep staging and body temperature studies: A multiparametric approach on freely moving rats. <i>Journal of Neuroscience Methods</i> , 2006, 151, 159-167. | 1.3 | 25 |
| 1313 | The evolving theory of basal forebrain functional "anatomical macrosystems". <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 148-172. | 2.9 | 139 |
| 1314 | Developmental pattern of expression of BMP receptors and Smads and activation of Smad1 and Smad5 by BMP9 in mouse basal forebrain. <i>Brain Research</i> , 2006, 1088, 49-56. | 1.1 | 35 |
| 1315 | Short-term facilitation in the anterior cingulate cortex following stimulation of the medial thalamus in the rat. <i>Brain Research</i> , 2006, 1097, 101-115. | 1.1 | 20 |
| 1316 | Frontal cortex lesions eliminate the clock speed effect of dopaminergic drugs on interval timing. <i>Brain Research</i> , 2006, 1108, 157-167. | 1.1 | 100 |
| 1317 | Evaluation of muscarinic and nicotinic receptor antagonists on attention and working memory. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 796-803. | 1.3 | 15 |
| 1318 | Basal forebrain cholinergic system of the anuran amphibian <i>Rana perezi</i> : Evidence for a shared organization pattern with amniotes. <i>Journal of Comparative Neurology</i> , 2006, 494, 961-975. | 0.9 | 22 |
| 1319 | Organization of noradrenergic efferents to arousal-related basal forebrain structures. <i>Journal of Comparative Neurology</i> , 2006, 496, 668-683. | 0.9 | 87 |
| 1320 | Synaptologic and fine structural features distinguishing a subset of basal forebrain cholinergic neurons embedded in the dense intrinsic fiber network of the caudal extended amygdala. <i>Journal of Comparative Neurology</i> , 2006, 498, 93-111. | 0.9 | 14 |
| 1321 | Differential expression of muscarinic acetylcholine receptors across excitatory and inhibitory cells in visual cortical areas V1 and V2 of the macaque monkey. <i>Journal of Comparative Neurology</i> , 2006, 499, 49-63. | 0.9 | 86 |
| 1322 | Food for Thought: Honeybee Foraging, Memory, and Acetylcholine. <i>Science Signaling</i> , 2006, 2006, pe23-pe23. | 1.6 | 9 |
| 1323 | Insertion of $\alpha 7$ Nicotinic Receptors at Neocortical Layer V GABAergic Synapses Is Induced by a Benzodiazepine, Midazolam. <i>Cerebral Cortex</i> , 2006, 17, 653-660. | 1.6 | 7 |
| 1324 | Central Nervous System Effects and Neurotoxicity. , 2006, , 271-291. | | 14 |
| 1325 | Effects of nucleus basalis magnocellularis stimulation on a socially transmitted food preference and c-Fos expression. <i>Learning and Memory</i> , 2006, 13, 783-793. | 0.5 | 30 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1326 | Activation of Pedunculopontine Tegmental Protein Kinase A: A Mechanism for Rapid Eye Movement Sleep Generation in the Freely Moving Rat. <i>Journal of Neuroscience</i> , 2006, 26, 8931-8942. | 1.7 | 25 |
| 1327 | Canadian Association of Neurosciences Review: Postnatal Development of the Mammalian Neocortex: Role of Activity Revisited. <i>Canadian Journal of Neurological Sciences</i> , 2006, 33, 158-169. | 0.3 | 14 |
| 1328 | Coding region paraoxonase polymorphisms dictate accentuated neuronal reactions in chronic, subthreshold pesticide exposure. <i>FASEB Journal</i> , 2006, 20, 1733-1735. | 0.2 | 40 |
| 1329 | Cholinergic Modulation of Synaptic Transmission and Postsynaptic Excitability in the Rat Gracilis Dorsal Column Nucleus. <i>Journal of Neuroscience</i> , 2006, 26, 4015-4025. | 1.7 | 10 |
| 1330 | Cholinergic Modulation of Spindle Bursts in the Neonatal Rat Visual Cortex In Vivo. <i>Journal of Neuroscience</i> , 2007, 27, 5694-5705. | 1.7 | 61 |
| 1331 | SPECIFIC MECHANISM FOR BLOOD INFLOW STIMULATION IN BRAIN AREA PRONE TO ALZHEIMER'S DISEASE LESIONS. <i>International Journal of Neuroscience</i> , 2007, 117, 1425-1442. | 0.8 | 4 |
| 1332 | Amyloid β Protein Modulates Glutamate-Mediated Neurotransmission in the Rat Basal Forebrain: Involvement of Presynaptic Neuronal Nicotinic Acetylcholine and Metabotropic Glutamate Receptors. <i>Journal of Neuroscience</i> , 2007, 27, 9262-9269. | 1.7 | 54 |
| 1333 | Functional Characterization of Intrinsic Cholinergic Interneurons in the Cortex. <i>Journal of Neuroscience</i> , 2007, 27, 5633-5642. | 1.7 | 163 |
| 1334 | Activation of dopamine D1 receptors enhances cholinergic transmission and social cognition: a parallel dialysis and behavioural study in rats. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 383. | 1.0 | 56 |
| 1335 | Neurophysiologic effects at low level 1.8 GHz radiofrequency field exposure: a multiparametric approach on freely moving rats. <i>Pathologie Et Biologie</i> , 2007, 55, 134-142. | 2.2 | 5 |
| 1336 | Modulators in concert for cognition: Modulator interactions in the prefrontal cortex. <i>Progress in Neurobiology</i> , 2007, 83, 69-91. | 2.8 | 198 |
| 1337 | Cocaine preferentially enhances sensory processing in the upper layers of the primary sensory cortex. <i>Neuroscience</i> , 2007, 146, 841-851. | 1.1 | 25 |
| 1338 | Food-elicited increases in cortical acetylcholine release require orexin transmission. <i>Neuroscience</i> , 2007, 149, 499-507. | 1.1 | 52 |
| 1339 | An assessment of the contributions of the pedunculopontine tegmental and cuneiform nuclei to anxiety and neophobia. <i>Neuroscience</i> , 2007, 150, 273-290. | 1.1 | 16 |
| 1340 | Long-term cognitive impairment, neuronal loss and reduced cortical cholinergic innervation after recovery from sepsis in a rodent model. <i>Experimental Neurology</i> , 2007, 204, 733-740. | 2.0 | 206 |
| 1341 | Effects of estrogens on cholinergic neurons in the rat basal nucleus. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 107, 70-79. | 1.2 | 23 |
| 1342 | Mesopontine cholinergic projections to the hypoglossal motor nucleus. <i>Neuroscience Letters</i> , 2007, 413, 121-125. | 1.0 | 37 |
| 1343 | Feeding and systemic d-amphetamine increase extracellular acetylcholine in the medial thalamus: A possible reward enabling function. <i>Neuroscience Letters</i> , 2007, 416, 184-187. | 1.0 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1344 | Neurochemistry of Sleep. , 2007, , 869-894. | | 0 |
| 1345 | Evolution of the Amygdala in Vertebrates. , 2007, , 255-334. | | 36 |
| 1346 | Computer-assisted 3D reconstruction of the human basal forebrain complex. Dementia E Neuropsychologia, 2007, 1, 140-146. | 0.3 | 12 |
| 1347 | Activation of Pedunculopontine Tegmental PKA Prevents GABAB Receptor Activationâ€‘Mediated Rapid Eye Movement Sleep Suppression in the Freely Moving Rat. Journal of Neurophysiology, 2007, 97, 3841-3850. | 0.9 | 33 |
| 1348 | Chemical organization of the macaque monkey olfactory bulb: III. Distribution of cholinergic markers. Journal of Comparative Neurology, 2007, 501, 854-865. | 0.9 | 8 |
| 1349 | Cholinergic innervation of the zebrafish olfactory bulb. Journal of Comparative Neurology, 2007, 504, 631-645. | 0.9 | 20 |
| 1350 | The effect of atropine administered in the medial septum or hippocampus on high- and low-frequency theta rhythms in the hippocampus of urethane anesthetized rats. Synapse, 2007, 61, 412-419. | 0.6 | 37 |
| 1351 | Distribution of IP3-mediated calcium responses and their role in nuclear signalling in rat basolateral amygdala neurons. Journal of Physiology, 2007, 580, 835-857. | 1.3 | 41 |
| 1352 | Nicotinic control of axon excitability regulates thalamocortical transmission. Nature Neuroscience, 2007, 10, 1168-1175. | 7.1 | 147 |
| 1353 | Hibernation model of tau phosphorylation in hamsters: selective vulnerability of cholinergic basal forebrain neurons - implications for Alzheimer's disease. European Journal of Neuroscience, 2007, 25, 69-80. | 1.2 | 78 |
| 1354 | Cholinergic modulation incorporated with a tone presentation induces frequency-specific threshold decreases in the auditory cortex of the mouse. European Journal of Neuroscience, 2007, 25, 1793-1803. | 1.2 | 21 |
| 1355 | Emerging concepts: novel integration of in vivo approaches to localize the function of nicotinic receptors. Journal of Neurochemistry, 2007, 100, 596-602. | 2.1 | 26 |
| 1356 | Cholinergic modulation of sensory interference in rat primary somatosensory cortical neurons. Brain Research, 2007, 1133, 158-167. | 1.1 | 22 |
| 1357 | Role of substantia innominata in cerebral blood flow autoregulation. Brain Research, 2007, 1135, 146-153. | 1.1 | 1 |
| 1358 | Lesions to the nucleus basalis magnocellularis lower performance but do not block the retention of a previously acquired learning set. Brain Research, 2007, 1136, 110-121. | 1.1 | 3 |
| 1359 | Optic nerve transection affects development and use-dependent plasticity in neocortex of the rat: Quantitative acetylcholinesterase imaging. Brain Research, 2007, 1139, 68-84. | 1.1 | 0 |
| 1360 | Prenatal choline deficiency increases choline transporter expression in the septum and hippocampus during postnatal development and in adulthood in rats. Brain Research, 2007, 1151, 1-11. | 1.1 | 37 |
| 1361 | Cholinergic forebrain degeneration in the APP ^{swe} /PS1 ^{E9} transgenic mouse. Neurobiology of Disease, 2007, 28, 3-15. | 2.1 | 87 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1362 | Cholinergic Cells and Pathways. , 2007, , 33-79. | | 3 |
| 1363 | Neuroanatomy and neurochemistry of sleep. Cellular and Molecular Life Sciences, 2007, 64, 1187-1204. | 2.4 | 127 |
| 1364 | NADPH-Diaphorase reactivity and neurovascular coupling in the basal forebrain and motor cortex. Neurophysiology, 2007, 39, 355-357. | 0.2 | 3 |
| 1365 | Imaging of Cholinergic and Monoaminergic Neurochemical Changes in Neurodegenerative Disorders. Molecular Imaging and Biology, 2007, 9, 243-257. | 1.3 | 64 |
| 1366 | The Septic Brain. Neurochemical Research, 2008, 33, 2171-2177. | 1.6 | 65 |
| 1367 | The neuropsychopharmacology of action inhibition: cross-species translation of the stop-signal and go/no-go tasks. Psychopharmacology, 2008, 199, 439-456. | 1.5 | 425 |
| 1368 | Fos expression following activation of the ventral pallidum in normal rats and in a model of Parkinsonâ€™s Disease: implications for limbic system and basal ganglia interactions. Brain Structure and Function, 2008, 213, 197-213. | 1.2 | 14 |
| 1369 | Acetylcholine innervation of the adult rat thalamus: Distribution and ultrastructural features in dorsolateral geniculate, parafascicular, and reticular thalamic nuclei. Journal of Comparative Neurology, 2008, 511, 678-691. | 0.9 | 59 |
| 1370 | Modulation of longâ€term potentiation by individual subtypes of muscarinic acetylcholine receptor in the rat dentate gyrus. Hippocampus, 2008, 18, 989-995. | 0.9 | 25 |
| 1371 | <i>Cholinergic Mediation of Attention</i>. Annals of the New York Academy of Sciences, 2008, 1129, 225-235. | 1.8 | 160 |
| 1372 | <i>Modulation of Cortical Activation and Behavioral Arousal by Cholinergic and Orexinergic Systems</i>. Annals of the New York Academy of Sciences, 2008, 1129, 26-34. | 1.8 | 143 |
| 1373 | The cholinergic mesopontine tegmentum is a relatively neglected nicotinic master modulator of the dopaminergic system: relevance to drugs of abuse and pathology. British Journal of Pharmacology, 2008, 153, S438-45. | 2.7 | 104 |
| 1374 | Postnatal lead exposure alters expression of forebrain p75 and TrkA nerve growth factor receptors. Brain Research, 2008, 1195, 113-119. | 1.1 | 10 |
| 1375 | Cortical modulation by nucleus basalis magnocellularis corticopetal cholinergic neurons during anxiety-like states is reflected by decreases in delta. Brain Research, 2008, 1227, 142-152. | 1.1 | 5 |
| 1376 | Individual and additive effects of neuromodulators on the slow components of afterhyperpolarization currents in layer V pyramidal cells of the rat medial prefrontal cortex. Brain Research, 2008, 1229, 47-60. | 1.1 | 25 |
| 1377 | The firing activity of presumed cholinergic and non-cholinergic neurons of the pedunclopontine nucleus in 6-hydroxydopamine-lesioned rats: An in vivo electrophysiological study. Brain Research, 2008, 1243, 152-160. | 1.1 | 16 |
| 1378 | Orexin/hypocretin modulation of the basal forebrain cholinergic system: Insights from in vivo microdialysis studies. Pharmacology Biochemistry and Behavior, 2008, 90, 156-162. | 1.3 | 48 |
| 1379 | Diencephalon: Hypothalamus. , 2008, , 289-336. | | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1380 | Telencephalon: Hippocampus and Related Structures. , 2008, , 361-400. | | 4 |
| 1381 | Telencephalon: Basal Ganglia. , 2008, , 427-489. | | 5 |
| 1382 | The Reticular Formation and the Monoaminergic and Cholinergic Cell Groups. , 2008, , 889-916. | | 3 |
| 1383 | Structural Organization of Monoamine and Acetylcholine Neuron Systems in the Rat CNS. , 2008, , 1-20. | | 9 |
| 1384 | The Subthalamic Nucleus Part I: Development, Cytology, Topography and Connections. Advances in Anatomy, Embryology and Cell Biology, 2008, , . | 1.0 | 21 |
| 1385 | Calcium release via activation of presynaptic IP3 receptors contributes to kainate-induced IPSC facilitation in rat neocortex. Neuropharmacology, 2008, 55, 106-116. | 2.0 | 31 |
| 1386 | Differential activation of mitogen-activated protein kinase signalling pathways in the hippocampus of CRND8 transgenic mouse, a model of Alzheimer's disease. Neuroscience, 2008, 153, 618-633. | 1.1 | 30 |
| 1387 | Environmental enrichment mitigates the effects of basal forebrain lesions on cognitive flexibility. Neuroscience, 2008, 154, 444-453. | 1.1 | 34 |
| 1388 | Motivationally neutral stimulation of the nucleus basalis induces specific behavioral memory. Neurobiology of Learning and Memory, 2008, 90, 125-137. | 1.0 | 25 |
| 1389 | Specific auditory memory induced by nucleus basalis stimulation depends on intrinsic acetylcholine. Neurobiology of Learning and Memory, 2008, 90, 443-454. | 1.0 | 40 |
| 1390 | Hippocampal damage impairs long-term spatial memory in rats: Comparison between electrolytic and neurotoxic lesions. Physiology and Behavior, 2008, 93, 1078-1085. | 1.0 | 9 |
| 1391 | Attentional demands for demonstrating deficits following intrabasis infusions of 192 IgG-saporin. Behavioural Brain Research, 2008, 195, 231-238. | 1.2 | 7 |
| 1392 | Corticothalamic Feedback for Sound-Specific Plasticity of Auditory Thalamic Neurons Elicited by Tones Paired with Basal Forebrain Stimulation. Cerebral Cortex, 2008, 18, 1521-1528. | 1.6 | 45 |
| 1393 | The LIM-Homeobox Gene <i>Islet-1</i> Is Required for the Development of Restricted Forebrain Cholinergic Neurons. Journal of Neuroscience, 2008, 28, 3291-3297. | 1.7 | 74 |
| 1394 | Cholinergic Deafferentation of Prefrontal Cortex Increases Sensitivity to Cross-Modal Distractors during a Sustained Attention Task. Journal of Neuroscience, 2008, 28, 2642-2650. | 1.7 | 61 |
| 1396 | Nucleus basalis magnocellularis and substantia innominata corticopetal cholinergic lesions attenuate freezing induced by predator odor.. Behavioral Neuroscience, 2008, 122, 601-610. | 0.6 | 4 |
| 1397 | Neuroanatomical and neurochemical basis of wakefulness and REM sleep systems. , 0, , 23-58. | | 3 |
| 1398 | Brain Vascular Damage of Cholinergic Pathways and EEG Markers in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2008, 15, 357-372. | 1.2 | 44 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1399 | Environmental Enrichment Provides a Cognitive Reserve to be Spent in the Case of Brain Lesion. Journal of Alzheimer's Disease, 2008, 15, 11-28. | 1.2 | 57 |
| 1400 | Ascending Systems Controlling Attentional Functions. , 2008, , 303-319. | | 0 |
| 1401 | Molecular Imaging in Neurodegenerative Diseases. Journal of the Korean Medical Association, 2009, 52, 151. | 0.1 | 3 |
| 1402 | Effects of Chronic Donepezil Treatment and Cholinergic Deafferentation on Parietal Pyramidal Neuron Morphology. Journal of Alzheimer's Disease, 2009, 17, 177-191. | 1.2 | 24 |
| 1403 | Persistent Firing Supported by an Intrinsic Cellular Mechanism in a Component of the Head Direction System. Journal of Neuroscience, 2009, 29, 4945-4952. | 1.7 | 85 |
| 1404 | Cholinergic Pathways in CNS. , 2009, , 835-843. | | 0 |
| 1405 | Efferent Projections of the Anterior and Posterodorsal Regions of the Medial Nucleus of the Amygdala in the Mouse. Cells Tissues Organs, 2009, 190, 256-285. | 1.3 | 44 |
| 1406 | Activity Profiles of Cholinergic and Intermingled GABAergic and Putative Glutamatergic Neurons in the Pontomesencephalic Tegmentum of Urethane-Anesthetized Rats. Journal of Neuroscience, 2009, 29, 4664-4674. | 1.7 | 104 |
| 1407 | Waking up the brain: a case study of stimulation-induced wakeful unawareness during anaesthesia. Progress in Brain Research, 2009, 177, 125-145. | 0.9 | 24 |
| 1408 | Cognitive Impairment in the Septic Brain. Current Neurovascular Research, 2009, 6, 194-203. | 0.4 | 44 |
| 1409 | Neuro-Transmitters in the Central Nervous System & their Implication in Learning and Memory Processes. Current Medicinal Chemistry, 2009, 16, 796-840. | 1.2 | 76 |
| 1410 | Functional Expression of Nicotinic Acetylcholine Receptors in Rat Neocortical Layer 5 Pyramidal Cells. Cerebral Cortex, 2009, 19, 1079-1091. | 1.6 | 32 |
| 1411 | G Protein-coupled Receptors, Cholinergic Dysfunction, and A β Toxicity in Alzheimer's Disease. Science Signaling, 2009, 2, re8. | 1.6 | 44 |
| 1412 | M1 Agonists as a Potential Disease-Modifying Therapy for Alzheimers Disease. Current Alzheimer Research, 2009, 6, 112-117. | 0.7 | 56 |
| 1413 | Cholinergic Deafferentation of the Neocortex Using 192 IgG-Saporin Impairs Feature Binding In Rats. Journal of Neuroscience, 2009, 29, 4120-4130. | 1.7 | 43 |
| 1414 | Brainstem nitrgic innervation of the mouse visual thalamus. Brain Research, 2009, 1278, 34-49. | 1.1 | 3 |
| 1415 | Ongoing expression of Nkx2.1 in the postnatal mouse forebrain: Potential for understanding NKX2.1 haploinsufficiency in humans?. Brain Research, 2009, 1304, 164-186. | 1.1 | 24 |
| 1416 | On whether the environmental enrichment may provide cognitive and brain reserves. Brain Research Reviews, 2009, 61, 221-239. | 9.1 | 196 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1417 | GABAergic neuron distribution in the pedunclopontine nucleus defines functional subterritories. <i>Journal of Comparative Neurology</i> , 2009, 515, 397-408. | 0.9 | 94 |
| 1418 | Topography of Fos-Immunoreactive and NADPH-d-Reactive Neurons in the Limbic Structures of the Basal Forebrain and in the Hypothalamus during Realization of Motivated Operant Movements in Rats. <i>Neurophysiology</i> , 2009, 41, 28-36. | 0.2 | 5 |
| 1419 | Hypocretin mechanisms in nicotine addiction: evidence and speculation. <i>Psychopharmacology</i> , 2009, 206, 23-37. | 1.5 | 25 |
| 1420 | Activational and Organisational Effects of Gonadal Steroids on Sex-Specific Acetylcholine Release in the Dorsal Hippocampus. <i>Journal of Neuroendocrinology</i> , 2009, 21, 400-405. | 1.2 | 39 |
| 1421 | Pedunclopontine and laterodorsal tegmental nuclei contain distinct populations of cholinergic, glutamatergic and GABAergic neurons in the rat. <i>European Journal of Neuroscience</i> , 2009, 29, 340-358. | 1.2 | 413 |
| 1422 | The neurobiology of sound-specific auditory plasticity: A core neural circuit. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 1178-1184. | 2.9 | 52 |
| 1423 | Long-term reversal of cholinergic neuronal decline in aged non-human primates by lentiviral NGF gene delivery. <i>Experimental Neurology</i> , 2009, 215, 153-159. | 2.0 | 67 |
| 1424 | Modeling cholinergic aspects of schizophrenia: Focus on the antimuscarinic syndrome. <i>Behavioural Brain Research</i> , 2009, 204, 335-351. | 1.2 | 43 |
| 1425 | In vivo MRI identifies cholinergic circuitry deficits in a Down syndrome model. <i>Neurobiology of Aging</i> , 2009, 30, 1453-1465. | 1.5 | 48 |
| 1426 | In situ hybridization study of the distribution of choline acetyltransferase mRNA and its splice variants in the mouse brain and spinal cord. <i>Neuroscience</i> , 2009, 159, 344-357. | 1.1 | 43 |
| 1427 | The role of cholinergic and GABAergic medial septal/diagonal band cell populations in the emergence of diencephalic amnesia. <i>Neuroscience</i> , 2009, 160, 32-41. | 1.1 | 31 |
| 1428 | The amygdala modulates morphine-induced state-dependent memory retrieval via muscarinic acetylcholine receptors. <i>Neuroscience</i> , 2009, 160, 255-263. | 1.1 | 28 |
| 1429 | Parvalbumin-immunoreactive neurons and GABAergic neurons of the basal forebrain project to the rat basolateral amygdala. <i>Neuroscience</i> , 2009, 160, 805-812. | 1.1 | 35 |
| 1430 | Neurochemical phenotypes of the afferent and efferent projections of the mouse medial habenula. <i>Neuroscience</i> , 2009, 161, 827-837. | 1.1 | 104 |
| 1431 | Two distinct populations of projection neurons in the rat lateral parafascicular thalamic nucleus and their cholinergic responsiveness. <i>Neuroscience</i> , 2009, 162, 155-173. | 1.1 | 26 |
| 1432 | Identification of cholinergic and non-cholinergic neurons in the pons expressing phosphorylated cyclic adenosine monophosphate response element-binding protein as a function of rapid eye movement sleep. <i>Neuroscience</i> , 2009, 163, 397-414. | 1.1 | 53 |
| 1433 | Amyloid- β expression in retrosplenial cortex of triple transgenic mice: relationship to cholinergic axonal afferents from medial septum. <i>Neuroscience</i> , 2009, 164, 1334-1346. | 1.1 | 16 |
| 1434 | Vesicular glutamate transporter 1 and vesicular glutamate transporter 2 synapses on cholinergic neurons in the subnucleus of the rat basal forebrain: a double-label electron microscopic study. <i>Neuroscience</i> , 2009, 164, 1721-1731. | 1.1 | 21 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1435 | Posttraining infusion of cholinergic drugs into the ventral subiculum modulated memory in an inhibitory avoidance task: Interaction with the bed nucleus of the stria terminalis. <i>Neurobiology of Learning and Memory</i> , 2009, 91, 235-242. | 1.0 | 12 |
| 1436 | Behavioral memory induced by stimulation of the nucleus basalis: Effects of contingency reversal. <i>Neurobiology of Learning and Memory</i> , 2009, 91, 298-309. | 1.0 | 12 |
| 1437 | The nucleus basalis magnocellularis contributes to feature binding in the rat. <i>Physiology and Behavior</i> , 2009, 97, 313-320. | 1.0 | 5 |
| 1438 | The septo-hippocampal system, learning and recovery of function. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 791-805. | 2.5 | 56 |
| 1439 | The importance of synapsin I and II for neurotransmitter levels and vesicular storage in cholinergic, glutamatergic and GABAergic nerve terminals. <i>Neurochemistry International</i> , 2009, 55, 13-21. | 1.9 | 27 |
| 1440 | Induction of c-Fos expression by electrical stimulation of the nucleus basalis magnocellularis. <i>Neuroscience Letters</i> , 2009, 449, 137-141. | 1.0 | 12 |
| 1441 | Muscarinic acetylcholine receptors and voltage-gated calcium channels contribute to bidirectional synaptic plasticity at CA1-subiculum synapses. <i>Neuroscience Letters</i> , 2009, 449, 220-223. | 1.0 | 14 |
| 1442 | Differential novelty detection in rats selectively bred for novelty-seeking behavior. <i>Neuroscience Letters</i> , 2009, 461, 45-48. | 1.0 | 7 |
| 1443 | Regional brain evaluation of acetylcholinesterase activity in PS1/A246E transgenic mice. <i>Neuroscience Research</i> , 2009, 63, 106-114. | 1.0 | 17 |
| 1444 | Rivastigmine in Parkinson's disease dementia. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009, 5, 941-955. | 1.5 | 20 |
| 1445 | 14-3-3. , 2008, , 1-1. | | 2 |
| 1446 | Blockade of dopamine D3 receptors in frontal cortex, but not in sub-cortical structures, enhances social recognition in rats: Similar actions of D1 receptor agonists, but not of D2 antagonists. <i>European Neuropsychopharmacology</i> , 2009, 19, 23-33. | 0.3 | 66 |
| 1447 | Association learning-dependent increases in acetylcholine release in the rat auditory cortex during auditory classical conditioning. <i>Neurobiology of Learning and Memory</i> , 2009, 92, 400-409. | 1.0 | 37 |
| 1448 | Caffeine elicits c-Fos expression in horizontal diagonal band cholinergic neurons. <i>NeuroReport</i> , 2009, 20, 1609-1612. | 0.6 | 10 |
| 1449 | Cognitive Performances of Cholinergically Depleted Rats Following Chronic Donepezil Administration. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 161-176. | 1.2 | 38 |
| 1450 | Increased Matrix Metalloproteinase 9 Activity in Mild Cognitive Impairment. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 1309-1318. | 0.9 | 130 |
| 1451 | Does Age Matter? Behavioral and Neuro-anatomical Effects of Neonatal and Adult Basal Forebrain Cholinergic Lesions. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 207-227. | 1.2 | 13 |
| 1452 | Sex Differences in the Septo-Hippocampal Cholinergic System in Rats: Behavioral Consequences. <i>Current Topics in Behavioral Neurosciences</i> , 2010, 8, 57-71. | 0.8 | 14 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1453 | Neuronal localization of m1 muscarinic receptor immunoreactivity in the rat basolateral amygdala. <i>Brain Structure and Function</i> , 2010, 215, 37-48. | 1.2 | 33 |
| 1454 | Functional cholinergic damage develops with amyloid accumulation in young adult APPswe/PS1dE9 transgenic mice. <i>Neurobiology of Disease</i> , 2010, 38, 27-35. | 2.1 | 38 |
| 1455 | Orexin/hypocretin modulation of the basal forebrain cholinergic system: Role in attention. <i>Brain Research</i> , 2010, 1314, 112-123. | 1.1 | 78 |
| 1456 | A novel role for calcium/calmodulin kinase II within the brainstem pedunculopontine tegmentum for the regulation of wakefulness and rapid eye movement sleep. <i>Journal of Neurochemistry</i> , 2010, 112, 271-281. | 2.1 | 15 |
| 1457 | Quantitative analysis of the heteromeric neuronal nicotinic receptors in the rat hippocampus. <i>Journal of Neurochemistry</i> , 2010, 115, 625-634. | 2.1 | 12 |
| 1458 | Secretagogin is a Ca ²⁺ -binding protein identifying prospective extended amygdala neurons in the developing mammalian telencephalon. <i>European Journal of Neuroscience</i> , 2010, 31, 2166-2177. | 1.2 | 34 |
| 1459 | Cholinergic and non-cholinergic projections from the pedunculopontine and laterodorsal tegmental nuclei to the medial geniculate body in guinea pigs. <i>Frontiers in Neuroanatomy</i> , 2010, 4, 137. | 0.9 | 30 |
| 1460 | The Mouse Homeobox Gene <i>Cbx2</i> Is Required for the Development of Cholinergic Interneurons in the Striatum. <i>Journal of Neuroscience</i> , 2010, 30, 14824-14834. | 1.7 | 47 |
| 1461 | Preferential Localization of Muscarinic M ₁ Receptor on Dendritic Shaft and Spine of Cortical Pyramidal Cells and Its Anatomical Evidence for Volume Transmission. <i>Journal of Neuroscience</i> , 2010, 30, 4408-4418. | 1.7 | 187 |
| 1462 | Reduction of Basal Forebrain Cholinergic System Parallels Cognitive Impairment in Patients at High Risk of Developing Alzheimer's Disease. <i>Cerebral Cortex</i> , 2010, 20, 1685-1695. | 1.6 | 183 |
| 1463 | Histamine neuronal system as a therapeutic target for the treatment of cognitive disorders. <i>Future Neurology</i> , 2010, 5, 543-555. | 0.9 | 7 |
| 1464 | Protein Kinase A in the Pedunculopontine Tegmental Nucleus of Rat Contributes to Regulation of Rapid Eye Movement Sleep. <i>Journal of Neuroscience</i> , 2010, 30, 12263-12273. | 1.7 | 25 |
| 1465 | Cholinergic imaging in corticobasal syndrome, progressive supranuclear palsy and frontotemporal dementia. <i>Brain</i> , 2010, 133, 2058-2068. | 3.7 | 72 |
| 1467 | Neurobiology of Sleep. <i>Clinics in Chest Medicine</i> , 2010, 31, 309-318. | 0.8 | 35 |
| 1468 | Sex Steroids and Acetylcholine Release in the Hippocampus. <i>Vitamins and Hormones</i> , 2010, 82, 263-277. | 0.7 | 15 |
| 1469 | Allosteric activators of muscarinic receptors as novel approaches for treatment of CNS disorders. <i>Molecular BioSystems</i> , 2010, 6, 1345. | 2.9 | 58 |
| 1470 | Brainstem pathology and non-motor symptoms in PD. <i>Journal of the Neurological Sciences</i> , 2010, 289, 81-88. | 0.3 | 137 |
| 1471 | Behavioral state-dependent reconfiguration of song-related network activity and cholinergic systems. <i>Journal of Chemical Neuroanatomy</i> , 2010, 39, 132-140. | 1.0 | 15 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1472 | Effects of reversible inactivation of the medial septum on rat exploratory behavior in the elevated plus-maze using a testâ€“retest paradigm. <i>Behavioural Brain Research</i> , 2010, 210, 67-73. | 1.2 | 14 |
| 1473 | Intracellular A β 2 triggers neuron loss in the cholinergic system of the APP/PS1KI mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2010, 31, 1153-1163. | 1.5 | 66 |
| 1474 | A Neural Switch for Active and Passive Fear. <i>Neuron</i> , 2010, 67, 656-666. | 3.8 | 183 |
| 1475 | Neural activation in arousal and reward areas of the brain in day-active and night-active grass rats. <i>Neuroscience</i> , 2010, 165, 337-349. | 1.1 | 20 |
| 1476 | Pathways from the ventral hippocampus and caudal amygdala to forebrain regions that regulate sensorimotor gating in the rat. <i>Neuroscience</i> , 2010, 165, 601-611. | 1.1 | 53 |
| 1477 | Nicotine increases the expression of neurotrophin receptor tyrosine kinase receptor A in basal forebrain cholinergic neurons. <i>Neuroscience</i> , 2010, 166, 580-589. | 1.1 | 23 |
| 1478 | Distribution and role of Kv3.1b in neurons in the medial septum diagonal band complex. <i>Neuroscience</i> , 2010, 166, 952-969. | 1.1 | 35 |
| 1479 | Gene expression profile in rat hippocampus with and without memory deficit. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 42-56. | 1.0 | 16 |
| 1480 | Subcortical Connections of the Basal Ganglia. <i>Handbook of Behavioral Neuroscience</i> , 2010, , 397-408. | 0.7 | 6 |
| 1481 | Neuroanatomical and Neurochemical Substrates of Timing. <i>Neuropsychopharmacology</i> , 2011, 36, 3-25. | 2.8 | 649 |
| 1482 | Animal Models of Movement Disorders. <i>Neuromethods</i> , 2011, , . | 0.2 | 14 |
| 1483 | Revisiting the cholinergic hypothesis of behavioral and psychological symptoms in dementia of the Alzheimer's type. <i>Ageing Research Reviews</i> , 2011, 10, 404-12. | 5.0 | 87 |
| 1484 | Progression of Tau Pathology in Cholinergic Basal Forebrain Neurons in Mild Cognitive Impairment and Alzheimer's Disease. <i>American Journal of Pathology</i> , 2011, 179, 2533-2550. | 1.9 | 101 |
| 1485 | Developmental aspects of the cholinergic system. <i>Behavioural Brain Research</i> , 2011, 221, 367-378. | 1.2 | 130 |
| 1486 | Regulation of cortical acetylcholine release: Insights from in vivo microdialysis studies. <i>Behavioural Brain Research</i> , 2011, 221, 527-536. | 1.2 | 28 |
| 1487 | The cholinergic system and spatial learning. <i>Behavioural Brain Research</i> , 2011, 221, 389-411. | 1.2 | 203 |
| 1488 | Involvement of the cholinergic system in conditioning and perceptual memory. <i>Behavioural Brain Research</i> , 2011, 221, 443-465. | 1.2 | 101 |
| 1489 | Activity of cholinergic neurons in the laterodorsal tegmental nucleus during emission of 22kHz vocalization in rats. <i>Behavioural Brain Research</i> , 2011, 225, 276-283. | 1.2 | 34 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1490 | Cholinergic axon length reduced by 300 meters in the brain of an Alzheimer mouse model. <i>Neurobiology of Aging</i> , 2011, 32, 1927-1931. | 1.5 | 32 |
| 1491 | Habenula α -Cholinergic Neurons Corelease Glutamate and Acetylcholine and Activate Postsynaptic Neurons via Distinct Transmission Modes. <i>Neuron</i> , 2011, 69, 445-452. | 3.8 | 284 |
| 1492 | Postsynaptic targets of GABAergic basal forebrain projections to the basolateral amygdala. <i>Neuroscience</i> , 2011, 183, 144-159. | 1.1 | 45 |
| 1493 | Gestational nicotine exposure regulates expression of AMPA and NMDA receptors and their signaling apparatus in developing and adult rat hippocampus. <i>Neuroscience</i> , 2011, 188, 168-181. | 1.1 | 28 |
| 1494 | Impaired social interaction and enhanced sensitivity to phencyclidine-induced deficits in novel object recognition in rats with cortical cholinergic denervation. <i>Neuroscience</i> , 2011, 195, 60-69. | 1.1 | 26 |
| 1495 | Neuronal localization of M2 muscarinic receptor immunoreactivity in the rat amygdala. <i>Neuroscience</i> , 2011, 196, 49-65. | 1.1 | 25 |
| 1496 | Gene regulation in the rat prefrontal cortex after learning with or without cholinergic insult. <i>Neurobiology of Learning and Memory</i> , 2011, 95, 441-452. | 1.0 | 10 |
| 1497 | Lesion of cholinergic neurons in nucleus basalis enhances response to general anesthetics. <i>Experimental Neurology</i> , 2011, 228, 259-269. | 2.0 | 34 |
| 1498 | Neurokinin3-R agonism in aged rats has anxiolytic-, antidepressant-, and promnesic-like effects and stimulates ACh release in frontal cortex, amygdala and hippocampus. <i>European Neuropsychopharmacology</i> , 2011, 21, 484-494. | 0.3 | 25 |
| 1499 | Reward Prediction Error Computation in the Pedunculopontine Tegmental Nucleus Neurons. , 2011, , . | | 0 |
| 1500 | Brainstem: Neglected Locus in Neurodegenerative Diseases. <i>Frontiers in Neurology</i> , 2011, 2, 42. | 1.1 | 69 |
| 1501 | Pedunculopontine nucleus deep brain stimulation in Parkinson's disease. <i>Archives of Medical Science</i> , 2011, 4, 555-564. | 0.4 | 29 |
| 1502 | The Pedunculopontine Tegmental Nucleus: A Second Cholinergic Source for Frequency-Specific Auditory Plasticity. <i>Journal of Neurophysiology</i> , 2011, 105, 107-116. | 0.9 | 17 |
| 1503 | Permeability of NS-3, a Thyrotropin-releasing Hormone Analogue, into the Brain After Its Systemic Administration in Rats: A Microdialysis Study. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 47, 833-836. | 1.2 | 7 |
| 1504 | Cholinergic and noncholinergic mesopontine tegmental neurons projecting to the subthalamic nucleus in the rat. <i>European Journal of Neuroscience</i> , 2011, 33, 433-443. | 1.2 | 40 |
| 1505 | A transgenic mouse model reveals fast nicotinic transmission in hippocampal pyramidal neurons. <i>European Journal of Neuroscience</i> , 2011, 33, 1786-1798. | 1.2 | 45 |
| 1506 | Decrease in acetylcholinergic neurons in the pedunculopontine tegmental nucleus in a patient with Prader-Willi syndrome. <i>Neuropathology</i> , 2011, 31, 280-285. | 0.7 | 17 |
| 1507 | Methamphetamine exposure during brain development alters the brain acetylcholine system in adolescent mice. <i>Journal of Neurochemistry</i> , 2011, 119, 89-99. | 2.1 | 11 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1508 | Animal models in the drug discovery pipeline for Alzheimer's disease. <i>British Journal of Pharmacology</i> , 2011, 164, 1285-1300. | 2.7 | 180 |
| 1509 | Adolescent Binge Drinking Alters Adult Brain Neurotransmitter Gene Expression, Behavior, Brain Regional Volumes, and Neurochemistry in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 671-688. | 1.4 | 174 |
| 1510 | Rapid and reversible formation of spine head filopodia in response to muscarinic receptor activation in CA1 pyramidal cells. <i>Journal of Physiology</i> , 2011, 589, 4353-4364. | 1.3 | 18 |
| 1511 | Alterations in the cholinergic system after frontal cortical infarction in rat brain: Pharmacological magnetic resonance imaging of muscarinic receptor responsiveness and stereological analysis of cholinergic forebrain neurons. <i>Neurobiology of Disease</i> , 2011, 43, 625-634. | 2.1 | 8 |
| 1512 | Tonic and phasic release of glutamate and acetylcholine neurotransmission in sub-regions of the rat prefrontal cortex using enzyme-based microelectrode arrays. <i>Journal of Neuroscience Methods</i> , 2011, 202, 199-208. | 1.3 | 49 |
| 1513 | XLMR candidate mouse gene, <i>Zcchc12</i> (<i>Sizn1</i>) is a novel marker of Cajal-Retzius cells. <i>Gene Expression Patterns</i> , 2011, 11, 216-220. | 0.3 | 14 |
| 1514 | Hippocampal neuronal nitric oxide synthase (nNOS) is regulated by nicotine and stress in female but not in male rats. <i>Brain Research</i> , 2011, 1368, 134-142. | 1.1 | 16 |
| 1515 | The effects of neonatal forebrain cholinergic lesion on adult hippocampal neurogenesis. <i>Brain Research</i> , 2011, 1373, 79-90. | 1.1 | 8 |
| 1516 | Glutamatergic and cholinergic pedunclopontine neurons innervate the thalamic parafascicular nucleus in rats: changes following experimental parkinsonism. <i>Brain Structure and Function</i> , 2011, 216, 319-330. | 1.2 | 24 |
| 1517 | Projections from the rat pedunclopontine and laterodorsal tegmental nuclei to the anterior thalamus and ventral tegmental area arise from largely separate populations of neurons. <i>Brain Structure and Function</i> , 2011, 216, 331-345. | 1.2 | 57 |
| 1518 | The pedunclopontine tegmental nucleus: implications for a role in modulating spinal cord motoneuron excitability. <i>Journal of Neural Transmission</i> , 2011, 118, 1409-1421. | 1.4 | 19 |
| 1519 | The Interesting Interplay Between Interneurons and Adult Hippocampal Neurogenesis. <i>Molecular Neurobiology</i> , 2011, 44, 287-302. | 1.9 | 58 |
| 1520 | GPCR, a rider of Alzheimer's disease. <i>Frontiers in Biology</i> , 2011, 6, 282. | 0.7 | 1 |
| 1521 | The cholinergic system in mild cognitive impairment and Alzheimer's disease: An in vivo MRI and DTI study. <i>Human Brain Mapping</i> , 2011, 32, 1349-1362. | 1.9 | 136 |
| 1522 | Cholinergic innervation of pyramidal cells and parvalbumin-immunoreactive interneurons in the rat basolateral amygdala. <i>Journal of Comparative Neurology</i> , 2011, 519, 790-805. | 0.9 | 46 |
| 1523 | Nerve Terminal Nicotinic Acetylcholine Receptors Initiate Quantal GABA Release from Perisomatic Interneurons by Activating Axonal T-Type (Ca_v3) Ca^{2+} Channels and Ca^{2+} Release from Stores. <i>Journal of Neuroscience</i> , 2011, 31, 13546-13561. | 1.7 | 84 |
| 1524 | A Neural Correlate of Predicted and Actual Reward-Value Information in Monkey Pedunclopontine Tegmental and Dorsal Raphe Nucleus during Saccade Tasks. <i>Neural Plasticity</i> , 2011, 2011, 1-21. | 1.0 | 17 |
| 1525 | Hypocretin1/OrexinA Axon Targeting of Laterodorsal Tegmental Nucleus Neurons Projecting to the Rat Medial Prefrontal Cortex. <i>Cerebral Cortex</i> , 2011, 21, 2762-2773. | 1.6 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1526 | Neural Control of Sleep in Mammals. , 2011, , 76-91. | | 9 |
| 1527 | Neurobiology of waking and sleeping. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2011, 98, 131-149. | 1.0 | 53 |
| 1528 | Mechanisms Generating Dual-Component Nicotinic EPSCs in Cortical Interneurons. Journal of Neuroscience, 2012, 32, 17287-17296. | 1.7 | 78 |
| 1529 | Cholinergic-mediated response enhancement in barrel cortex layer V pyramidal neurons. Journal of Neurophysiology, 2012, 108, 1656-1668. | 0.9 | 43 |
| 1530 | Prior Pathology in the Basal Forebrain Cholinergic System Predisposes to Inflammation-Induced Working Memory Deficits: Reconciling Inflammatory and Cholinergic Hypotheses of Delirium. Journal of Neuroscience, 2012, 32, 6288-6294. | 1.7 | 134 |
| 1531 | Volume of the Human Septal Forebrain Region Is a Predictor of Source Memory Accuracy. Journal of the International Neuropsychological Society, 2012, 18, 157-161. | 1.2 | 25 |
| 1532 | GABA-to-ACh Ratio in Basal Forebrain and Cerebral Cortex Varies Significantly During Sleep. Sleep, 2012, 35, 1325-1334. | 0.6 | 39 |
| 1533 | Expression of p75NTR, a Marker for Basal Forebrain Cholinergic Neurons, in Young and Aged Dogs with or without Cognitive Dysfunction Syndrome. Journal of Alzheimer's Disease, 2012, 28, 291-296. | 1.2 | 10 |
| 1534 | A specific role for septohippocampal acetylcholine in memory?. Neuropsychologia, 2012, 50, 3156-3168. | 0.7 | 85 |
| 1535 | Background Gamma Activity in the Electroencephalogram as a Measure of the Level of Sustained (tonic) Attention during Execution of the "Active Oddball" Paradigm in Rabbits. Neuroscience and Behavioral Physiology, 2012, 42, 567-574. | 0.2 | 0 |
| 1536 | Functional brain imaging of cognitive dysfunction in Parkinson's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 963-969. | 0.9 | 43 |
| 1537 | The NK3 receptor agonist senktide ameliorates scopolamine-induced deficits in memory for object, place and temporal order. Neurobiology of Learning and Memory, 2012, 97, 235-240. | 1.0 | 17 |
| 1538 | Neuroimaging of frontal limbic dysfunction in schizophrenia and epilepsy-related psychosis: Toward a convergent neurobiology. Epilepsy and Behavior, 2012, 23, 113-122. | 0.9 | 45 |
| 1539 | Rac1b Increases with Progressive Tau Pathology within Cholinergic Nucleus Basalis Neurons in Alzheimer's Disease. American Journal of Pathology, 2012, 180, 526-540. | 1.9 | 30 |
| 1540 | Acetylcholinesterase activity in the brain of dystonia musculorum (Dstdt-) mutant mice. Neuroscience Research, 2012, 72, 79-86. | 1.0 | 10 |
| 1541 | Possible interaction between opioidergic and cholinergic systems of CA1 in cholestasis-induced amnesia in mice. Behavioural Brain Research, 2012, 228, 116-124. | 1.2 | 31 |
| 1542 | Vestibular stimulation enhances hippocampal long-term potentiation via activation of cholinergic septohippocampal cells. Behavioural Brain Research, 2012, 232, 174-182. | 1.2 | 11 |
| 1543 | Cholinergic modulation of slow cortical rhythm in urethane-anesthetized rats. Brain Research Bulletin, 2012, 87, 117-129. | 1.4 | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1544 | Atrophy of the Cholinergic Basal Forebrain Over the Adult Age Range and in Early Stages of Alzheimer's Disease. <i>Biological Psychiatry</i> , 2012, 71, 805-813. | 0.7 | 254 |
| 1545 | Discharge properties of presumed cholinergic and noncholinergic laterodorsal tegmental neurons related to cortical activation in non-anesthetized mice. <i>Neuroscience</i> , 2012, 224, 172-190. | 1.1 | 41 |
| 1546 | Detection of an inhibitory cortical gradient underlying peak shift in learning: A neural basis for a false memory. <i>Neurobiology of Learning and Memory</i> , 2012, 98, 368-379. | 1.0 | 8 |
| 1547 | Subpallial Structures. , 2012, , 173-220. | | 36 |
| 1548 | The Basal Forebrain Cholinergic Projection System in Mice. , 2012, , 684-718. | | 121 |
| 1549 | Muscarinic Receptors. <i>Handbook of Experimental Pharmacology</i> , 2012, , . | 0.9 | 12 |
| 1550 | Cholinergic modulation of cognitive processing: insights drawn from computational models. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 24. | 1.0 | 127 |
| 1551 | Effects of acetylcholine on neuronal properties in entorhinal cortex. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 32. | 1.0 | 52 |
| 1552 | Subpopulations of somatostatin-immunoreactive non-pyramidal neurons in the amygdala and adjacent external capsule project to the basal forebrain: evidence for the existence of GABAergic projection neurons in the cortical nuclei and basolateral nuclear complex. <i>Frontiers in Neural Circuits</i> , 2012, 6, 46. | 1.4 | 69 |
| 1553 | Evidence of early involvement of apoptosis inducing factor-induced neuronal death in Alzheimer brain. <i>Anatomy and Cell Biology</i> , 2012, 45, 26. | 0.5 | 32 |
| 1554 | Brain magnesium homeostasis as a target for reducing cognitive ageing. , 0, , 99-112. | | 3 |
| 1555 | Hippocampal Function and Gonadal Steroids. , 2012, , . | | 0 |
| 1556 | Brainstem Cholinergic Systems. , 2012, , 456-470. | | 1 |
| 1557 | Neural connection between injured cingulum and pedunclopontine nucleus in a patient with traumatic brain injury. <i>NeuroRehabilitation</i> , 2012, 31, 143-146. | 0.5 | 11 |
| 1558 | Aging-related deficits in orexin/hypocretin modulation of the septohippocampal cholinergic system. <i>Synapse</i> , 2012, 66, 445-452. | 0.6 | 43 |
| 1559 | Muscarinic and Nicotinic Acetylcholine Receptor Agonists and Allosteric Modulators for the Treatment of Schizophrenia. <i>Neuropsychopharmacology</i> , 2012, 37, 16-42. | 2.8 | 177 |
| 1560 | Muscarinic Receptors in Brain Stem and Mesopontine Cholinergic Arousal Functions. <i>Handbook of Experimental Pharmacology</i> , 2012, , 243-259. | 0.9 | 40 |
| 1561 | Control of Sleep and Wakefulness. <i>Physiological Reviews</i> , 2012, 92, 1087-1187. | 13.1 | 1,089 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1562 | Electrophysiological responses of rat olfactory tubercle neurons to biologically relevant odours. <i>European Journal of Neuroscience</i> , 2012, 35, 97-105. | 1.2 | 19 |
| 1563 | Cognitive deficits in a mouse model of pre-manifest Parkinson's disease. <i>European Journal of Neuroscience</i> , 2012, 35, 870-882. | 1.2 | 87 |
| 1564 | Chronic partial sleep deprivation reduces brain sensitivity to glutamate α-methyl-α-aspartate receptor-mediated neurotoxicity. <i>Journal of Sleep Research</i> , 2012, 21, 3-9. | 1.7 | 35 |
| 1565 | Subpopulations of cholinergic, GABAergic and glutamatergic neurons in the pedunculopontine nucleus contain calcium-binding proteins and are heterogeneously distributed. <i>European Journal of Neuroscience</i> , 2012, 35, 723-734. | 1.2 | 47 |
| 1566 | Neural circuits underlying the generation of theta oscillations. <i>Journal of Physiology (Paris)</i> , 2012, 106, 81-92. | 2.1 | 96 |
| 1567 | Reversal of scopolamine-induced disruption of prepulse inhibition by clozapine in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 107-114. | 1.3 | 20 |
| 1568 | Fos Immunoreactivity in the Motor Cortex of Rats Realizing Operant Movements: Changes after Systemic Introduction of a NOS Blocker. <i>Neurophysiology</i> , 2013, 45, 79-83. | 0.2 | 3 |
| 1569 | Muscarinic Signaling in the Brain. <i>Annual Review of Neuroscience</i> , 2013, 36, 271-294. | 5.0 | 111 |
| 1570 | $\alpha 7$ Nicotinic acetylcholine receptors and their role in cognition. <i>Brain Research Bulletin</i> , 2013, 93, 86-96. | 1.4 | 83 |
| 1571 | Cholinergic circuitry of the human nucleus basalis and its fate in Alzheimer's disease. <i>Journal of Comparative Neurology</i> , 2013, 521, 4124-4144. | 0.9 | 264 |
| 1572 | Neurotrophic factors rescue basal forebrain cholinergic neurons and improve performance on a spatial learning test. <i>Experimental Neurology</i> , 2013, 249, 178-186. | 2.0 | 15 |
| 1573 | Limbic system structures differentially contribute to exploratory trip organization of the rat. <i>Hippocampus</i> , 2013, 23, 139-152. | 0.9 | 24 |
| 1574 | Inactivation of muscarinic receptors impairs place and response learning: Implications for multiple memory systems. <i>Neuropharmacology</i> , 2013, 73, 320-326. | 2.0 | 13 |
| 1575 | Butyrylcholinesterase and the cholinergic system. <i>Neuroscience</i> , 2013, 234, 53-68. | 1.1 | 80 |
| 1576 | Cholinergic gating of hippocampal auditory evoked potentials in freely moving rats. <i>European Neuropsychopharmacology</i> , 2013, 23, 988-997. | 0.3 | 7 |
| 1577 | The vertebrate diencephalic MCH system: A versatile neuronal population in an evolving brain. <i>Frontiers in Neuroendocrinology</i> , 2013, 34, 65-87. | 2.5 | 29 |
| 1578 | Melanin concentrating hormone induces hippocampal acetylcholine release via the medial septum in rats. <i>Peptides</i> , 2013, 44, 32-39. | 1.2 | 13 |
| 1579 | Septal nuclei enlargement in human temporal lobe epilepsy without mesial temporal sclerosis. <i>Neurology</i> , 2013, 80, 487-491. | 1.5 | 28 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1580 | Longitudinal measures of cholinergic forebrain atrophy in the transition from healthy aging to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 1210-1220. | 1.5 | 169 |
| 1581 | Partial loss in septo-hippocampal cholinergic neurons alters memory-dependent measures of brain connectivity without overt memory deficits. <i>Neurobiology of Disease</i> , 2013, 54, 372-381. | 2.1 | 10 |
| 1582 | Selective brain region activation by histamine H3 receptor antagonist/inverse agonist ABT-239 enhances acetylcholine and histamine release and increases c-Fos expression. <i>Neuropharmacology</i> , 2013, 70, 131-140. | 2.0 | 38 |
| 1583 | Interneurons containing somatostatin are affected by learning-induced cortical plasticity. <i>Neuroscience</i> , 2013, 254, 18-25. | 1.1 | 23 |
| 1584 | Long-term effects of selective immunolesions of cholinergic neurons of the nucleus basalis magnocellularis on the ascending cholinergic pathways in the rat: A model for Alzheimer's disease. <i>Brain Research Bulletin</i> , 2013, 94, 9-16. | 1.4 | 7 |
| 1585 | Neural connectivity of the posterior body of the fornix in the human brain: Diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2013, 549, 116-119. | 1.0 | 13 |
| 1586 | Role of the medial septum cholinceptors in anxiogenic-like effects of nicotine. <i>Physiology and Behavior</i> , 2013, 119, 103-109. | 1.0 | 16 |
| 1587 | A small molecule p75NTR ligand prevents cognitive deficits and neurite degeneration in an Alzheimer's mouse model. <i>Neurobiology of Aging</i> , 2013, 34, 2052-2063. | 1.5 | 104 |
| 1588 | Effects of pharmacological agents, sleep deprivation, hypoxia and transcranial magnetic stimulation on electroencephalographic rhythms in rodents: Towards translational challenge models for drug discovery in Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2013, 124, 437-451. | 0.7 | 21 |
| 1589 | A non-cholinergic neuronal loss in the pedunculopontine nucleus of toxin-evoked Parkinsonian rats. <i>Experimental Neurology</i> , 2013, 248, 213-223. | 2.0 | 36 |
| 1590 | Sleep, its regulation and possible mechanisms of sleep disturbances. <i>Acta Physiologica</i> , 2013, 208, 311-328. | 1.8 | 95 |
| 1591 | Comparative Analysis of the Organization of the Cholinergic System in the Brains of Two Holostean Fishes, the Florida Gar <i>Lepisosteus platyrhincus</i> and the Bowfin <i>Amia calva</i> . <i>Brain, Behavior and Evolution</i> , 2013, 81, 109-142. | 0.9 | 14 |
| 1592 | In vivo AAV-mediated expression of calbindin-D28K in rat basal forebrain cholinergic neurons. <i>Journal of Neuroscience Methods</i> , 2013, 212, 106-113. | 1.3 | 2 |
| 1593 | Injection of specific amyloid-beta oligomers (beta ₁₋₄₀ :beta ₁₋₄₂ = 10:1) into rat medial septum impairs memory retention without inducing hippocampal apoptosis. <i>Neurological Research</i> , 2013, 35, 798-803. | 0.6 | 7 |
| 1594 | Selective immunotoxic lesions of basal forebrain cholinergic cells: Effects on learning and memory in rats. <i>Behavioral Neuroscience</i> , 2013, 127, 619-627. | 0.6 | 113 |
| 1595 | Muscarinic cholinergic receptor M1 in the rat basolateral amygdala: Ultrastructural localization and synaptic relationships to cholinergic axons. <i>Journal of Comparative Neurology</i> , 2013, 521, 1743-1759. | 0.9 | 31 |
| 1596 | Nerve growth factor scales endocannabinoid signaling by regulating monoacylglycerol lipase turnover in developing cholinergic neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1935-1940. | 3.3 | 41 |
| 1597 | Effects of puerarin on cholinergic enzymes in the brain of ovariectomized guinea pigs. <i>International Journal of Neuroscience</i> , 2013, 123, 783-791. | 0.8 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1598 | Cerebral cortex and hippocampus respond differently after post-natal exposure to uranium. <i>Journal of Toxicological Sciences</i> , 2013, 38, 803-811. | 0.7 | 11 |
| 1599 | Histaminergic ligands injected into the nucleus basalis magnocellularis differentially affect fear conditioning consolidation. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 575-582. | 1.0 | 21 |
| 1600 | Reward prediction-related increases and decreases in tonic neuronal activity of the pedunculopontine tegmental nucleus. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 36. | 1.0 | 28 |
| 1601 | Neuroigin 2 Is Expressed in Synapses Established by Cholinergic Cells in the Mouse Brain. <i>PLoS ONE</i> , 2013, 8, e72450. | 1.1 | 47 |
| 1602 | In sync: gamma oscillations and emotional memory. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 170. | 1.0 | 65 |
| 1603 | The basal forebrain modulates spontaneous activity of principal cells in the main olfactory bulb of anesthetized mice. <i>Frontiers in Neural Circuits</i> , 2013, 7, 148. | 1.4 | 22 |
| 1604 | Off the Beaten Path: Drug Addiction and the Pontine Laterodorsal Tegmentum. <i>ISRN Neuroscience</i> , 2013, 2013, 1-24. | 1.5 | 16 |
| 1605 | Do Cholinesterase Inhibitors Act Primarily on Attention Deficit? A Naturalistic Study in Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 737-742. | 1.2 | 40 |
| 1606 | Substitution of natural sensory input by artificial neurostimulation of an amputated trigeminal nerve does not prevent the degeneration of basal forebrain cholinergic circuits projecting to the somatosensory cortex. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 385. | 1.8 | 5 |
| 1607 | Nicotinic modulation of cortical circuits. <i>Frontiers in Neural Circuits</i> , 2014, 8, 30. | 1.4 | 58 |
| 1608 | Consciousness and Subcortical Arousal Systems. , 2014, , 277-298. | | 3 |
| 1609 | Brain Region-Specific Alterations in the Gene Expression of Cytokines, Immune Cell Markers and Cholinergic System Components during Peripheral Endotoxin-Induced Inflammation. <i>Molecular Medicine</i> , 2014, 20, 601-611. | 1.9 | 79 |
| 1610 | Synaptic Soluble and Membrane-Bound Choline Acetyltransferase as a Marker of Cholinergic Function In Vitro and In Vivo. , 2014, , . | | 3 |
| 1612 | Asynaptic and Synaptic Innervation by Acetylcholine Neurons of the Central Nervous System. , 2014, , 447-466. | | 7 |
| 1613 | Acetylcholine Elevation Relieves Cognitive Rigidity and Social Deficiency in a Mouse Model of Autism. <i>Neuropsychopharmacology</i> , 2014, 39, 831-840. | 2.8 | 154 |
| 1614 | Maternal choline supplementation improves spatial mapping and increases basal forebrain cholinergic neuron number and size in aged Ts65Dn mice. <i>Neurobiology of Disease</i> , 2014, 70, 32-42. | 2.1 | 75 |
| 1615 | Costâ€‘Benefit Decision Circuitry. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 122, 233-261. | 0.9 | 16 |
| 1616 | Tone conditioning potentiates rather than overshadows context fear in adult animals following adolescent ethanol exposure. <i>Developmental Psychobiology</i> , 2014, 56, 1150-1155. | 0.9 | 14 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1617 | Cholinergic modulation of the medial prefrontal cortex: the role of nicotinic receptors in attention and regulation of neuronal activity. <i>Frontiers in Neural Circuits</i> , 2014, 8, 17. | 1.4 | 105 |
| 1618 | Activation of M1 and M4 muscarinic receptors as potential treatments for Alzheimer's disease and schizophrenia. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 183. | 1.0 | 76 |
| 1619 | Thalamic neuromodulation and its implications for executive networks. <i>Frontiers in Neural Circuits</i> , 2014, 8, 69. | 1.4 | 100 |
| 1620 | Comparison of human septal nuclei MRI measurements using automated segmentation and a new manual protocol based on histology. <i>NeuroImage</i> , 2014, 97, 245-251. | 2.1 | 25 |
| 1621 | PET imaging with [18F]fluoroethoxybenzovesamicol ([18F]FEOBV) following selective lesion of cholinergic pedunculopontine tegmental neurons in rat. <i>Nuclear Medicine and Biology</i> , 2014, 41, 96-101. | 0.3 | 18 |
| 1622 | Postnatal development of nestin positive neurons in rat basal forebrain: Different onset and topography with choline acetyltransferase and parvalbumin expression. <i>International Journal of Developmental Neuroscience</i> , 2014, 35, 72-79. | 0.7 | 7 |
| 1623 | GABAergic neurons in the medial septum-diagonal band of Broca (MSDB) are important for acquisition of the classically conditioned eyeblink response. <i>Brain Structure and Function</i> , 2014, 219, 1231-1237. | 1.2 | 11 |
| 1624 | The Ascending Mesolimbic Cholinergic System—A Specific Division of the Reticular Activating System Involved in the Initiation of Negative Emotional States. <i>Journal of Molecular Neuroscience</i> , 2014, 53, 436-445. | 1.1 | 30 |
| 1625 | Nicotinic acetylcholine receptors in attention circuitry: the role of layer VI neurons of prefrontal cortex. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 1225-1244. | 2.4 | 46 |
| 1626 | Spatiotemporal specificity in cholinergic control of neocortical function. <i>Current Opinion in Neurobiology</i> , 2014, 26, 149-160. | 2.0 | 117 |
| 1628 | Subregional Basal Forebrain Atrophy in Alzheimer's Disease: A Multicenter Study. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 687-700. | 1.2 | 173 |
| 1629 | Cholinergic Contributions to Supramodal Attentional Processes in Rats. <i>Journal of Neuroscience</i> , 2014, 34, 2264-2275. | 1.7 | 27 |
| 1630 | Fixational saccade-related activity of pedunculopontine tegmental nucleus neurons in behaving monkeys. <i>European Journal of Neuroscience</i> , 2014, 40, 2641-2651. | 1.2 | 18 |
| 1631 | Tactile response adaptation to whisker stimulation in the lemniscal somatosensory pathway of rats. <i>Brain Research</i> , 2014, 1591, 27-37. | 1.1 | 18 |
| 1632 | Regulation of the Protocadherin Celsr3 Gene and Its Role in Globus Pallidus Development and Connectivity. <i>Molecular and Cellular Biology</i> , 2014, 34, 3895-3910. | 1.1 | 25 |
| 1633 | Intrinsic connections within the pedunculopontine tegmental nucleus are critical to the elaboration of postictal antinociception. <i>Synapse</i> , 2014, 68, 369-377. | 0.6 | 11 |
| 1634 | Nerve growth factor metabolic dysfunction in Alzheimer's disease and Down syndrome. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 338-348. | 4.0 | 127 |
| 1635 | Brain areas that influence general anesthesia. <i>Progress in Neurobiology</i> , 2014, 122, 24-44. | 2.8 | 102 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1636 | Atrophy of the cholinergic basal forebrain in dementia with Lewy bodies and Alzheimer's disease. <i>Journal of Neurology</i> , 2014, 261, 1939-1948. | 1.8 | 113 |
| 1637 | Effect of human APP gene overexpression on <i>Drosophila melanogaster</i> cholinergic and dopaminergic brain neurons. <i>Russian Journal of Genetics: Applied Research</i> , 2014, 4, 113-121. | 0.4 | 4 |
| 1638 | Alcohol. <i>Progress in Brain Research</i> , 2014, 211, 201-233. | 0.9 | 37 |
| 1639 | A neuroanatomical analysis of the effects of a memory impairing dose of scopolamine in the rat brain using cytochrome c oxidase as principle marker. <i>Journal of Chemical Neuroanatomy</i> , 2014, 59-60, 1-7. | 1.0 | 9 |
| 1640 | Association of basal forebrain volumes and cognition in normal aging. <i>Neuropsychologia</i> , 2014, 53, 54-63. | 0.7 | 39 |
| 1641 | Cholinergic basal forebrain atrophy predicts amyloid burden in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 482-491. | 1.5 | 94 |
| 1642 | Arousal and attention re-orienting in autism spectrum disorders: evidence from auditory event-related potentials. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 34. | 1.0 | 80 |
| 1643 | Adolescent, but Not Adult, Binge Ethanol Exposure Leads to Persistent Global Reductions of Choline Acetyltransferase Expressing Neurons in Brain. <i>PLoS ONE</i> , 2014, 9, e113421. | 1.1 | 82 |
| 1644 | Ghrelin and GHS-R1A signaling within the ventral and laterodorsal tegmental area regulate sexual behavior in sexually naïve male mice. <i>Psychoneuroendocrinology</i> , 2015, 62, 392-402. | 1.3 | 38 |
| 1645 | Distinct roles of basal forebrain cholinergic neurons in spatial and object recognition memory. <i>Scientific Reports</i> , 2015, 5, 13158. | 1.6 | 50 |
| 1646 | Arousal, motor control, and Parkinson's disease. <i>Translational Neuroscience</i> , 2015, 6, 198-207. | 0.7 | 7 |
| 1647 | The roles of central amygdala D1 and D2 receptors on attentional performance in a five-choice task. <i>Behavioral Neuroscience</i> , 2015, 129, 564-575. | 0.6 | 3 |
| 1648 | Matrix Metalloproteinase in Blood-Brain Barrier Breakdown in Dementia. <i>Journal of Alzheimer's Disease</i> , 2016, 49, 893-903. | 1.2 | 69 |
| 1649 | Perinatal 192 IgG-Saporin as Neuroteratogen. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 29, 111-123. | 0.8 | 3 |
| 1650 | ESC-Derived Basal Forebrain Cholinergic Neurons Ameliorate the Cognitive Symptoms Associated with Alzheimer's Disease in Mouse Models. <i>Stem Cell Reports</i> , 2015, 5, 776-790. | 2.3 | 75 |
| 1651 | Dementia with Lewy bodies can be well differentiated from Alzheimer's disease by measurement of brain acetylcholinesterase activity: a [¹¹ C]MP4A PET study. <i>International Journal of Geriatric Psychiatry</i> , 2015, 30, 1105-1113. | 1.3 | 30 |
| 1652 | Pharmacogenetic stimulation of cholinergic pedunclopontine neurons reverses motor deficits in a rat model of Parkinson's disease. <i>Molecular Neurodegeneration</i> , 2015, 10, 47. | 4.4 | 41 |
| 1653 | The prelimbic cortex muscarinic M ₃ receptor-nitric oxide-guanylyl cyclase pathway modulates cardiovascular responses in rats. <i>Journal of Neuroscience Research</i> , 2015, 93, 830-838. | 1.3 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1654 | The NGF Metabolic Pathway in the CNS and its Dysregulation in Down Syndrome and Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2015, 13, 53-67. | 0.7 | 57 |
| 1655 | Interaction of basal forebrain cholinergic neurons with the glucocorticoid system in stress regulation and cognitive impairment. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 43. | 1.7 | 62 |
| 1656 | Activation of the mouse primary visual cortex by medial prefrontal subregion stimulation is not mediated by cholinergic basalo-cortical projections. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 1. | 1.2 | 115 |
| 1657 | Harnessing the power of theta: natural manipulations of cognitive performance during hippocampal theta-contingent eyeblink conditioning. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 50. | 1.2 | 12 |
| 1658 | The role of REM sleep theta activity in emotional memory. <i>Frontiers in Psychology</i> , 2015, 6, 1439. | 1.1 | 151 |
| 1659 | Effects of Maternal Choline Supplementation on the Septohippocampal Cholinergic System in the Ts65Dn Mouse Model of Down Syndrome. <i>Current Alzheimer Research</i> , 2015, 13, 84-96. | 0.7 | 27 |
| 1660 | Triangulating the sexually dimorphic brain through high-resolution neuroimaging of murine sex chromosome aneuploidies. <i>Brain Structure and Function</i> , 2015, 220, 3581-3593. | 1.2 | 21 |
| 1661 | Organization of the Basal Forebrain Cholinergic Projection System. , 2015, , 491-507. | | 34 |
| 1662 | Synergy of Direct and Indirect Cholinergic Septo-Hippocampal Pathways Coordinates Firing in Hippocampal Networks. <i>Journal of Neuroscience</i> , 2015, 35, 8394-8410. | 1.7 | 118 |
| 1663 | Bilateral Pedunculopontine Nucleus Stimulation for Progressive Supranuclear Palsy. <i>Stereotactic and Functional Neurosurgery</i> , 2015, 93, 59-65. | 0.8 | 22 |
| 1664 | Deep Brain Stimulation of Different Pedunculopontine Targets in a Novel Rodent Model of Parkinsonism. <i>Journal of Neuroscience</i> , 2015, 35, 4792-4803. | 1.7 | 63 |
| 1665 | Decreased Subcortical Cholinergic Arousal in Focal Seizures. <i>Neuron</i> , 2015, 85, 561-572. | 3.8 | 99 |
| 1666 | The integrated role of ACh, ERK and mTOR in the mechanisms of hippocampal inhibitory avoidance memory. <i>Neurobiology of Learning and Memory</i> , 2015, 119, 18-33. | 1.0 | 76 |
| 1667 | Serotonin 5-HT4 receptors and forebrain cholinergic system: receptor expression in identified cell populations. <i>Brain Structure and Function</i> , 2015, 220, 3413-3434. | 1.2 | 22 |
| 1668 | Association of a neurokinin 3 receptor polymorphism with the anterior basal forebrain. <i>Neurobiology of Aging</i> , 2015, 36, 2060-2067. | 1.5 | 9 |
| 1669 | The EEG and the Discovery of the RAS. , 2015, , 17-33. | | 0 |
| 1670 | Ascending Projections of the RAS. , 2015, , 107-128. | | 0 |
| 1671 | Descending Projections of the RAS. , 2015, , 129-156. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1672 | The promise of stem cells in the therapy of Alzheimer's disease. <i>Translational Neurodegeneration</i> , 2015, 4, 8. | 3.6 | 21 |
| 1673 | High-Affinity Nicotinic Receptors Modulate Spontaneous Cortical Up States In Vitro. <i>Journal of Neuroscience</i> , 2015, 35, 11196-11208. | 1.7 | 20 |
| 1674 | Optogenetic Dissection of the Basal Forebrain Neuromodulatory Control of Cortical Activation, Plasticity, and Cognition. <i>Journal of Neuroscience</i> , 2015, 35, 13896-13903. | 1.7 | 103 |
| 1675 | Loss of calbindin-D 28K is associated with the full range of tangle pathology within basal forebrain cholinergic neurons in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 3163-3170. | 1.5 | 30 |
| 1676 | Entorhinal cortical defects in Tg2576 mice are present as early as 4 months of age. <i>Neurobiology of Aging</i> , 2015, 36, 134-148. | 1.5 | 30 |
| 1677 | Orexin receptor activity in the basal forebrain alters performance on an olfactory discrimination task. <i>Brain Research</i> , 2015, 1594, 215-222. | 1.1 | 22 |
| 1678 | An animal model mimicking pedunculopontine nucleus cholinergic degeneration in Parkinson's disease. <i>Brain Structure and Function</i> , 2015, 220, 479-500. | 1.2 | 49 |
| 1679 | Lesions of the laterodorsal tegmental nucleus alter the cholinergic innervation and neuropeptide Y expression in the medial prefrontal cortex and nucleus accumbens. <i>Neuroscience</i> , 2015, 284, 707-718. | 1.1 | 8 |
| 1680 | Age-Dependent Effect of β -Amyloid Toxicity on Basal Forebrain Cholinergic Neurons and Inflammation in the Rat Brain. <i>Brain Pathology</i> , 2015, 25, 531-542. | 2.1 | 17 |
| 1681 | Deficit in sustained attention following selective cholinergic lesion of the pedunculopontine tegmental nucleus in rat, as measured with both post-mortem immunocytochemistry and in vivo PET imaging with [18 F]fluoroethoxybenzovesamicol. <i>Behavioural Brain Research</i> , 2015, 278, 107-114. | 1.2 | 29 |
| 1682 | The physiology of the pedunculopontine nucleus: implications for deep brain stimulation. <i>Journal of Neural Transmission</i> , 2015, 122, 225-235. | 1.4 | 51 |
| 1683 | Variety of Neuronal Pathways to Achieve the Same Hypoxic Preconditioning Effect. <i>Biochemistry & Physiology</i> , 2016, 05, . | 0.2 | 2 |
| 1684 | Targeting the Cholinergic System to Develop a Novel Therapy for Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2016, 5, 333-342. | 0.9 | 22 |
| 1685 | Alzheimer's disease: Targeting the Cholinergic System. <i>Current Neuropharmacology</i> , 2016, 14, 101-115. | 1.4 | 988 |
| 1686 | Extrinsic Sources of Cholinergic Innervation of the Striatal Complex: A Whole-Brain Mapping Analysis. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 1. | 0.9 | 128 |
| 1687 | The Pedunculopontine Tegmental Nucleus as a Motor and Cognitive Interface between the Cerebellum and Basal Ganglia. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 109. | 0.9 | 63 |
| 1688 | Calcium Imaging of Basal Forebrain Activity during Innate and Learned Behaviors. <i>Frontiers in Neural Circuits</i> , 2016, 10, 36. | 1.4 | 75 |
| 1689 | Cholinesterase inhibitors, donepezil and rivastigmine, attenuate spatial memory and cognitive flexibility impairment induced by acute ethanol in the Barnes maze task in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 1059-1071. | 1.4 | 42 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1690 | Localization of the M2 muscarinic cholinergic receptor in dendrites, cholinergic terminals, and noncholinergic terminals in the rat basolateral amygdala: An ultrastructural analysis. <i>Journal of Comparative Neurology</i> , 2016, 524, 2400-2417. | 0.9 | 17 |
| 1691 | Topographic organization of the basal forebrain projections to the perirhinal, postrhinal, and entorhinal cortex in rats. <i>Journal of Comparative Neurology</i> , 2016, 524, 2503-2515. | 0.9 | 45 |
| 1692 | Basal Forebrain Cholinergic System and Memory. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 37, 253-273. | 0.8 | 48 |
| 1693 | Deficits in cholinergic neurotransmission and their clinical correlates in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2016, 2, 16001. | 2.5 | 143 |
| 1694 | Directed differentiation of basal forebrain cholinergic neurons from human pluripotent stem cells. <i>Journal of Neuroscience Methods</i> , 2016, 266, 42-49. | 1.3 | 44 |
| 1695 | Molecular and cellular pathophysiology of preclinical Alzheimer's disease. <i>Behavioural Brain Research</i> , 2016, 311, 54-69. | 1.2 | 99 |
| 1696 | Arborization patterns of amygdalopetal axons from the rat ventral pallidum. <i>Brain Structure and Function</i> , 2016, 221, 4549-4573. | 1.2 | 2 |
| 1697 | Basal Forebrain Cholinergic Auditory Cortical Network: Primary Versus Nonprimary Auditory Cortical Areas. <i>Cerebral Cortex</i> , 2017, 27, bhw091. | 1.6 | 36 |
| 1698 | Effects of chronic alcohol consumption, withdrawal and nerve growth factor on neuropeptide Y expression and cholinergic innervation of the rat dentate hilus. <i>NeuroToxicology</i> , 2016, 54, 153-160. | 1.4 | 10 |
| 1699 | Density of acetylcholine esterase (AChE) and tyrosine hydroxylase (TH) containing fibers in the amygdala of roman high- and low-avoidance rats. <i>Neuroscience Letters</i> , 2016, 632, 114-118. | 1.0 | 3 |
| 1700 | Neural Control of the Upper Airway: Respiratory and State-Dependent Mechanisms. , 2016, 6, 1801-1850. | | 57 |
| 1701 | Adolescent Alcohol Exposure Persistently Impacts Adult Neurobiology and Behavior. <i>Pharmacological Reviews</i> , 2016, 68, 1074-1109. | 7.1 | 258 |
| 1702 | The pedunculopontine tegmental nucleus functional hypothesis from the comparative literature. <i>Movement Disorders</i> , 2016, 31, 615-624. | 2.2 | 74 |
| 1703 | The external globus pallidus: progress and perspectives. <i>European Journal of Neuroscience</i> , 2016, 43, 1239-1265. | 1.2 | 117 |
| 1704 | Functional Characterization of Acetylcholine Receptors Expressed in Human Neurons Differentiated from Hippocampal Neural Stem/Progenitor Cells. <i>Journal of Biomolecular Screening</i> , 2016, 21, 1065-1074. | 2.6 | 6 |
| 1705 | Brainstem Circuitry and Emotions. , 2016, , 317-326. | | 3 |
| 1706 | Pharmacotherapies for Parkinson's disease symptoms related to cholinergic degeneration. <i>Expert Opinion on Pharmacotherapy</i> , 2016, 17, 2405-2415. | 0.9 | 21 |
| 1707 | Pedunculopontine Nucleus Region Deep Brain Stimulation in Parkinson Disease: Surgical Anatomy and Terminology. <i>Stereotactic and Functional Neurosurgery</i> , 2016, 94, 298-306. | 0.8 | 452 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1708 | Organization of the Projections of the Lateral Midbrain Tegmental Nuclei to the Basal Ganglia in the Dog Brain. <i>Neuroscience and Behavioral Physiology</i> , 2016, 46, 873-878. | 0.2 | 0 |
| 1709 | Attentional function and basal forebrain cholinergic neuron morphology during aging in the Ts65Dn mouse model of Down syndrome. <i>Brain Structure and Function</i> , 2016, 221, 4337-4352. | 1.2 | 19 |
| 1710 | The role of basal forebrain cholinergic neurons in fear and extinction memory. <i>Neurobiology of Learning and Memory</i> , 2016, 133, 39-52. | 1.0 | 62 |
| 1712 | Cholinergic circuit control of postnatal neurogenesis. <i>Neurogenesis (Austin, Tex)</i> , 2016, 3, e1127310. | 1.5 | 22 |
| 1713 | Role of pedunculopontine cholinergic neurons in the vulnerability of nigral dopaminergic neurons in Parkinson's disease. <i>Experimental Neurology</i> , 2016, 275, 209-219. | 2.0 | 36 |
| 1714 | Brain atrophy in Alzheimer's Disease and aging. <i>Ageing Research Reviews</i> , 2016, 30, 25-48. | 5.0 | 507 |
| 1715 | Parallel Atrophy of Cortex and Basal Forebrain Cholinergic System in Mild Cognitive Impairment. <i>Cerebral Cortex</i> , 2017, 27, bhw019. | 1.6 | 32 |
| 1716 | Structural and functional considerations of the cholinergic brainstem. <i>Journal of Neural Transmission</i> , 2016, 123, 731-736. | 1.4 | 45 |
| 1717 | Cholinergic excitation from the pedunculopontine tegmental nucleus to the dentate nucleus in the rat. <i>Neuroscience</i> , 2016, 317, 12-22. | 1.1 | 30 |
| 1718 | Pedunculopontine cell loss and protein aggregation direct microglia activation in parkinsonian rats. <i>Brain Structure and Function</i> , 2016, 221, 2319-2341. | 1.2 | 17 |
| 1719 | Neuroanatomical Basis of Consciousness. , 2016, , 3-29. | | 15 |
| 1720 | Cholinergic Mechanisms in the Cerebral Cortex. <i>Neuroscientist</i> , 2016, 22, 238-251. | 2.6 | 26 |
| 1721 | Metabolic connectomics targeting brain pathology in dementia with Lewy bodies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1311-1325. | 2.4 | 57 |
| 1722 | Hypocretinergic and cholinergic contributions to sleep-wake disturbances in a mouse model of traumatic brain injury. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2017, 2, 71-84. | 1.4 | 25 |
| 1723 | Loss of M1 Receptor Dependent Cholinergic Excitation Contributes to mPFC Deactivation in Neuropathic Pain. <i>Journal of Neuroscience</i> , 2017, 37, 2292-2304. | 1.7 | 48 |
| 1724 | Coordinated Acetylcholine Release in Prefrontal Cortex and Hippocampus Is Associated with Arousal and Reward on Distinct Timescales. <i>Cell Reports</i> , 2017, 18, 905-917. | 2.9 | 139 |
| 1725 | Novel spiroimidazopyridine derivative SAK3 improves methimazole-induced cognitive deficits in mice. <i>Neurochemistry International</i> , 2017, 108, 91-99. | 1.9 | 6 |
| 1726 | Cholinergic/glutamatergic co-transmission in striatal cholinergic interneurons: new mechanisms regulating striatal computation. <i>Journal of Neurochemistry</i> , 2017, 142, 90-102. | 2.1 | 35 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1727 | Interactions of Alcohol and Nicotine. , 2017, , 293-305. | | 0 |
| 1728 | Sleep Disturbances in the Prodromal Stage of Parkinson Disease. Current Treatment Options in Neurology, 2017, 19, 22. | 0.7 | 43 |
| 1729 | Reorganization of the septohippocampal cholinergic fiber system in experimental epilepsy. Journal of Comparative Neurology, 2017, 525, 2690-2705. | 0.9 | 20 |
| 1730 | Cholinergic neuron gene expression differences captured by translational profiling in a mouse model of Alzheimer's disease. Neurobiology of Aging, 2017, 57, 104-119. | 1.5 | 24 |
| 1731 | Basal forebrain mediated increase in brain CRF is associated with increased cholinergic tone and depression. Psychiatry Research - Neuroimaging, 2017, 264, 76-81. | 0.9 | 0 |
| 1732 | Serum antibodies targeting neurons of the monoaminergic systems in Guillain-Barré syndrome. Journal of the Neurological Sciences, 2017, 372, 318-323. | 0.3 | 8 |
| 1733 | Inhibiting medial septal cholinergic neurons with DREADD alleviated anxiety-like behaviors in mice. Neuroscience Letters, 2017, 638, 139-144. | 1.0 | 42 |
| 1734 | Running Changes the Brain: the Long and the Short of It. Physiology, 2017, 32, 410-424. | 1.6 | 87 |
| 1735 | Transcranial direct current stimulation versus caffeine as a fatigue countermeasure. Brain Stimulation, 2017, 10, 1070-1078. | 0.7 | 48 |
| 1736 | Glycinergic Input to the Mouse Basal Forebrain Cholinergic Neurons. Journal of Neuroscience, 2017, 37, 9534-9549. | 1.7 | 8 |
| 1737 | Cholinergic modulation of the hippocampal region and memory function. Journal of Neurochemistry, 2017, 142, 111-121. | 2.1 | 273 |
| 1738 | Mitochondrial DNA changes in pedunculopontine cholinergic neurons in Parkinson disease. Annals of Neurology, 2017, 82, 1016-1021. | 2.8 | 45 |
| 1739 | Evidence for M2 muscarinic receptor modulation of axon terminals and dendrites in the rodent basolateral amygdala: An ultrastructural and electrophysiological analysis. Neuroscience, 2017, 357, 349-362. | 1.1 | 9 |
| 1740 | Review of the cytology and connections of the lateral habenula, an avatar of adaptive behaving. Pharmacology Biochemistry and Behavior, 2017, 162, 3-21. | 1.3 | 66 |
| 1741 | The fate of the brain cholinergic neurons in neurodegenerative diseases. Brain Research, 2017, 1670, 173-184. | 1.1 | 102 |
| 1742 | Operant responding for optogenetic excitation of LDTg inputs to the VTA requires D1 and D2 dopamine receptor activation in the NAcc. Behavioural Brain Research, 2017, 333, 161-170. | 1.2 | 16 |
| 1743 | A second wind for the cholinergic system in Alzheimer's therapy. Behavioural Pharmacology, 2017, 28, 112-123. | 0.8 | 46 |
| 1744 | Neuropeptide S (NPS) is a neuropeptide with cellular actions in arousal and anxiety-related nuclei: Functional implications for effects of NPS on wakefulness and mood. Neuropharmacology, 2017, 126, 292-317. | 2.0 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1745 | Models of neuromodulation for computational psychiatry. Wiley Interdisciplinary Reviews: Cognitive Science, 2017, 8, e1420. | 1.4 | 18 |
| 1746 | Cholinergic regulation of fear learning and extinction. Journal of Neuroscience Research, 2017, 95, 836-852. | 1.3 | 76 |
| 1747 | Cholinergic profiles in the Goettingen miniature pig (<i>Sus scrofa domestica</i>) brain. Journal of Comparative Neurology, 2017, 525, 553-573. | 0.9 | 9 |
| 1748 | Deletion of the vesicular acetylcholine transporter from pedunclopontine/laterodorsal tegmental neurons modifies gait. Journal of Neurochemistry, 2017, 140, 787-798. | 2.1 | 34 |
| 1749 | Developmental specification of forebrain cholinergic neurons. Developmental Biology, 2017, 421, 1-7. | 0.9 | 56 |
| 1750 | Yokukansan and Yokukansankachimpihange Ameliorate Aggressive Behaviors in Rats with Cholinergic Degeneration in the Nucleus Basalis of Meynert. Frontiers in Pharmacology, 2017, 8, 235. | 1.6 | 18 |
| 1751 | Optogenetic Investigation of Arousal Circuits. International Journal of Molecular Sciences, 2017, 18, 1773. | 1.8 | 23 |
| 1752 | The Neuroanatomy of the Reticular Nucleus Locus Coeruleus in Alzheimer's Disease. Frontiers in Neuroanatomy, 2017, 11, 80. | 0.9 | 44 |
| 1753 | A Novel Ex Vivo Model to Investigate the Underlying Mechanisms in Alzheimer's Disease. Frontiers in Cellular Neuroscience, 2017, 11, 291. | 1.8 | 16 |
| 1754 | Distinct Temporal Coordination of Spontaneous Population Activity between Basal Forebrain and Auditory Cortex. Frontiers in Neural Circuits, 2017, 11, 64. | 1.4 | 15 |
| 1755 | Speed and Oscillations: Medial Septum Integration of Attention and Navigation. Frontiers in Systems Neuroscience, 2017, 11, 67. | 1.2 | 27 |
| 1756 | Differential deregulation of NGF and BDNF neurotrophins in a transgenic rat model of Alzheimer's disease. Neurobiology of Disease, 2017, 108, 307-323. | 2.1 | 66 |
| 1757 | Ascending Systems "Top Down Control: Noradrenergic and Cholinergic Control of Attention and Learning". , 2017, , 463-473. | | 0 |
| 1758 | Neural Control of Sleep in Mammals. , 2017, , 62-77.e5. | | 9 |
| 1759 | Biomarkers for Preclinical Alzheimer's Disease. Neuromethods, 2018, , . | 0.2 | 5 |
| 1760 | Limbic System: Temporal Lobe. , 0, , 164-196. | | 0 |
| 1761 | The pedunclopontine and laterodorsal tegmental nuclei in the kainate model of epilepsy. Neuroscience Letters, 2018, 672, 90-95. | 1.0 | 9 |
| 1762 | Segregation of the human basal forebrain using resting state functional MRI. NeuroImage, 2018, 173, 287-297. | 2.1 | 50 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1763 | Nicotinic Acetylcholine Receptor Signaling in Neuroprotection. , 2018, , . | | 10 |
| 1764 | Calcium-binding protein, secretagogin, specifies the microcellular tegmental nucleus and intermediate and ventral parts of the cuneiform nucleus of the mouse and rat. <i>Neuroscience Research</i> , 2018, 134, 30-38. | 1.0 | 4 |
| 1765 | Recent Advances in Cholinergic Imaging and Cognitive Declineâ€”Revisiting the Cholinergic Hypothesis of Dementia. <i>Current Geriatrics Reports</i> , 2018, 7, 1-11. | 1.1 | 75 |
| 1766 | Donepezil Reverses Dendritic Spine Morphology Adaptations and <i>Fmr1</i> Epigenetic Modifications in Hippocampus of Adult Rats After Adolescent Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 706-717. | 1.4 | 36 |
| 1767 | Cholinesterases and the fine line between poison and remedy. <i>Biochemical Pharmacology</i> , 2018, 153, 205-216. | 2.0 | 85 |
| 1768 | Increased acetylcholine and glutamate efflux in the prefrontal cortex following intranasal orexinâ€”1 (hypocretinâ€”1). <i>Journal of Neurochemistry</i> , 2018, 145, 232-244. | 2.1 | 22 |
| 1769 | The effect of Alzheimer's disease on spatial navigation strategies. <i>Neurobiology of Aging</i> , 2018, 64, 107-115. | 1.5 | 58 |
| 1770 | In vivo cholinergic basal forebrain atrophy predicts cognitive decline in de novo Parkinsonâ€”s disease. <i>Brain</i> , 2018, 141, 165-176. | 3.7 | 135 |
| 1771 | Ascending Activating Systems of the Brain for Emotional Arousal. <i>Handbook of Behavioral Neuroscience</i> , 2018, 25, 239-251. | 0.7 | 2 |
| 1772 | The cholinergic system in the basal forebrain of the Atlantic whiteâ€”sided dolphin (<i>Lagenorhynchus</i>) Tj ETQq1 1 0,784314,rgBT /Over | 0.9 | 1 |
| 1773 | Behavioral Neuroscience of Learning and Memory. <i>Current Topics in Behavioral Neurosciences</i> , 2018, , . | 0.8 | 9 |
| 1774 | Compromise of cortical proNGF maturation causes selective retrograde atrophy in cholinergic nucleus basalis neurons. <i>Neurobiology of Aging</i> , 2018, 67, 10-20. | 1.5 | 27 |
| 1775 | Cholinergic Modulation of Frontoparietal Cortical Network Dynamics Supporting Supramodal Attention. <i>Journal of Neuroscience</i> , 2018, 38, 3988-4005. | 1.7 | 21 |
| 1776 | Role of the pedunclopontine nucleus in controlling gait and sleep in normal and parkinsonian monkeys. <i>Journal of Neural Transmission</i> , 2018, 125, 471-483. | 1.4 | 9 |
| 1777 | Effect of basal forebrain stimulation on extracellular acetylcholine release and blood flow in the olfactory bulb. <i>Journal of Physiological Sciences</i> , 2018, 68, 415-423. | 0.9 | 8 |
| 1778 | High thickness histological sections as alternative to study the three-dimensional microscopic human sub-cortical neuroanatomy. <i>Brain Structure and Function</i> , 2018, 223, 1121-1132. | 1.2 | 28 |
| 1779 | Substance P and neurotensin in the limbic system: Their roles in reinforcement and memory consolidation. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 85, 1-20. | 2.9 | 32 |
| 1780 | Reconciling the different faces of hippocampal theta: The role of theta oscillations in cognitive, emotional and innate behaviors. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 85, 65-80. | 2.9 | 107 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1781 | Temporal-Spatial Profiling of Pedunculopontine Galanin-Cholinergic Neurons in the Lactacystin Rat Model of Parkinson's Disease. <i>Neurotoxicity Research</i> , 2018, 34, 16-31. | 1.3 | 6 |
| 1782 | Muscarinic receptor subtype distribution in the central nervous system and relevance to aging and Alzheimer's disease. <i>Neuropharmacology</i> , 2018, 136, 362-373. | 2.0 | 90 |
| 1783 | The Role of Cholinergic System in Novel Object Recognition. <i>Handbook of Behavioral Neuroscience</i> , 2018, 27, 371-378. | 0.7 | 1 |
| 1784 | Immunocytochemical Localization of Choline Acetyltransferase in the Microbat Visual Cortex. <i>Acta Histochemica Et Cytochemica</i> , 2018, 51, 153-165. | 0.8 | 1 |
| 1785 | Nuclear organization and morphology of cholinergic neurons in the brain of the rock cavy (Kerodon) Tj ETQq0 0 0 rgBT /Overlck 10 Tf 5 | 1.0 | 1 |
| 1786 | Regional vesicular acetylcholine transporter distribution in human brain: A [¹⁸ F]fluoroethoxybenzovesamicol positron emission tomography study. <i>Journal of Comparative Neurology</i> , 2018, 526, 2884-2897. | 0.9 | 45 |
| 1787 | Nucleus Basalis of Meynert Stimulation for Dementia: Theoretical and Technical Considerations. <i>Frontiers in Neuroscience</i> , 2018, 12, 614. | 1.4 | 28 |
| 1788 | The 5-HT ₃ receptor antagonist ondansetron potentiates the effects of the acetylcholinesterase inhibitor donepezil on neuronal network oscillations in the rat dorsal hippocampus. <i>Neuropharmacology</i> , 2018, 143, 130-142. | 2.0 | 13 |
| 1789 | Molecular Imaging of the Cholinergic System in Parkinson's Disease. <i>International Review of Neurobiology</i> , 2018, 141, 211-250. | 0.9 | 40 |
| 1790 | The bovine anterior hypothalamus: Characterization of the vasopressin/oxytocin containing nucleus and changes in relation to sexual differentiation. <i>Journal of Comparative Neurology</i> , 2018, 526, 2898-2917. | 0.9 | 9 |
| 1791 | Different Subgroups of Cholinergic Neurons in the Basal Forebrain Are Distinctly Innervated by the Olfactory Regions and Activated Differentially in Olfactory Memory Retrieval. <i>Frontiers in Neural Circuits</i> , 2018, 12, 99. | 1.4 | 18 |
| 1792 | Adolescent binge ethanol-induced loss of basal forebrain cholinergic neurons and neuroimmune activation are prevented by exercise and indomethacin. <i>PLoS ONE</i> , 2018, 13, e0204500. | 1.1 | 53 |
| 1793 | Rollercoaster ride of kynurenines: steering the wheel towards neuroprotection in Alzheimer's disease. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 849-867. | 1.5 | 11 |
| 1794 | Sex and Gender Differences in the Brain Cholinergic System and in the Response to Therapy of Alzheimer Disease with Cholinesterase Inhibitors. <i>Current Alzheimer Research</i> , 2018, 15, 1077-1084. | 0.7 | 61 |
| 1795 | Neurotoxic lesions of the pedunculopontine tegmental nucleus impair the elaboration of postictal antinociception. <i>Physiology and Behavior</i> , 2018, 194, 162-169. | 1.0 | 7 |
| 1796 | Inflammatory and oxidative mechanisms potentiate bifenthrin-induced neurological alterations and anxiety-like behavior in adult rats. <i>Toxicology Letters</i> , 2018, 294, 73-86. | 0.4 | 52 |
| 1797 | Longitudinal Alzheimer's Degeneration Reflects the Spatial Topography of Cholinergic Basal Forebrain Projections. <i>Cell Reports</i> , 2018, 24, 38-46. | 2.9 | 64 |
| 1798 | Cholinergic modulation of spatial learning, memory and navigation. <i>European Journal of Neuroscience</i> , 2018, 48, 2199-2230. | 1.2 | 89 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1799 | Neural mechanisms of navigation involving interactions of cortical and subcortical structures. <i>Journal of Neurophysiology</i> , 2018, 119, 2007-2029. | 0.9 | 36 |
| 1800 | A Review of the Pedunclopontine Nucleus in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 99. | 1.7 | 84 |
| 1801 | Layer- and Cell Type-Specific Modulation of Excitatory Neuronal Activity in the Neocortex. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 1. | 0.9 | 108 |
| 1802 | Stereological Estimates of Glutamatergic, GABAergic, and Cholinergic Neurons in the Pedunclopontine and Laterodorsal Tegmental Nuclei in the Rat. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 34. | 0.9 | 31 |
| 1803 | Topographic Organization of Cholinergic Innervation From the Basal Forebrain to the Visual Cortex in the Rat. <i>Frontiers in Neural Circuits</i> , 2018, 12, 19. | 1.4 | 25 |
| 1804 | Function of Selective Neuromodulatory Projections in the Mammalian Cerebral Cortex: Comparison Between Cholinergic and Noradrenergic Systems. <i>Frontiers in Neural Circuits</i> , 2018, 12, 47. | 1.4 | 36 |
| 1805 | Modulatory Effects of a Novel Cyclized Peptide in Reducing the Expression of Markers Linked to Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 362. | 1.4 | 12 |
| 1806 | The benefit of combinations of oximes for the ability of antidotal treatment to counteract sarin-induced brain damage in rats. <i>BMC Pharmacology & Toxicology</i> , 2018, 19, 35. | 1.0 | 7 |
| 1807 | An Alternative Approach to Study Primary Events in Neurodegeneration Using <i>Ex Vivo</i> Rat Brain Slices. <i>Journal of Visualized Experiments</i> , 2018, . | 0.2 | 10 |
| 1808 | Evolution in Neuromodulation—The Differential Roles of Acetylcholine in Higher Order Association vs. Primary Visual Cortices. <i>Frontiers in Neural Circuits</i> , 2018, 12, 67. | 1.4 | 21 |
| 1810 | Decreased vesicular acetylcholine transporter related to memory deficits in epilepsy: A [¹⁸ F] VAT positron emission tomography brain imaging study. <i>Epilepsia</i> , 2018, 59, 1655-1666. | 2.6 | 7 |
| 1811 | Disruption of medial septum and diagonal bands of Broca cholinergic projections to the ventral hippocampus disrupt auditory fear memory. <i>Neurobiology of Learning and Memory</i> , 2018, 152, 71-79. | 1.0 | 21 |
| 1812 | c-Fos marking of identified midbrain neurons coactive after nicotine administration <i>in vivo</i> . <i>Journal of Comparative Neurology</i> , 2018, 526, 2019-2031. | 0.9 | 6 |
| 1813 | Quantification of brain cholinergic denervation in dementia with Lewy bodies using PET imaging with [¹⁸ F]-FEOBV. <i>Molecular Psychiatry</i> , 2019, 24, 322-327. | 4.1 | 37 |
| 1814 | Reciprocal interaction between monoaminergic systems and the pedunclopontine nucleus: Implication in the mechanism of L-DOPA. <i>Neurobiology of Disease</i> , 2019, 128, 9-18. | 2.1 | 6 |
| 1815 | Selective allosteric modulation of muscarinic acetylcholine receptors for the treatment of schizophrenia and substance use disorders. <i>Advances in Pharmacology</i> , 2019, 86, 153-196. | 1.2 | 12 |
| 1816 | Impaired hippocampal and thalamic acetylcholine release in P301L tau-transgenic mice. <i>Brain Research Bulletin</i> , 2019, 152, 134-142. | 1.4 | 7 |
| 1817 | Diverse glutamatergic inputs target spines expressing M1 muscarinic receptors in the basolateral amygdala: An ultrastructural analysis. <i>Brain Research</i> , 2019, 1722, 146349. | 1.1 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1818 | Acute Negative Allosteric Modulation of M ₅ Muscarinic Acetylcholine Receptors Inhibits Oxycodone Self-Administration and Cue-Induced Reactivity with No Effect on Antinociception. ACS Chemical Neuroscience, 2019, 10, 3740-3750. | 1.7 | 27 |
| 1819 | The Human Connectome: Functional Anatomy of the Brain. , 2019, , 1-48. | | 0 |
| 1820 | Muscarinic acetylcholine receptor-dependent persistent activity of layer 5 intrinsic-bursting and regular-spiking neurons in primary auditory cortex. Journal of Neurophysiology, 2019, 122, 2344-2353. | 0.9 | 5 |
| 1821 | Subjective Cognitive Decline and Biomarkers of Preclinical Alzheimer's Disease. Current Behavioral Neuroscience Reports, 2019, 6, 219-226. | 0.6 | 1 |
| 1822 | Reduced Cholinergic Activity in the Hippocampus of Hippocampal Cholinergic Neurostimulating Peptide Precursor Protein Knockout Mice. International Journal of Molecular Sciences, 2019, 20, 5367. | 1.8 | 8 |
| 1823 | Hibernation Impairs Odor Discrimination – Implications for Alzheimer's Disease. Frontiers in Neuroanatomy, 2019, 13, 69. | 0.9 | 5 |
| 1824 | New Insights Into Cholinergic Neuron Diversity. Frontiers in Molecular Neuroscience, 2019, 12, 204. | 1.4 | 60 |
| 1825 | Layer-specific cholinergic modulation of synaptic transmission in layer 2/3 pyramidal neurons of rat visual cortex. Korean Journal of Physiology and Pharmacology, 2019, 23, 317. | 0.6 | 2 |
| 1826 | Maternal Choline Supplementation Alters Basal Forebrain Cholinergic Neuron Gene Expression in the Ts65Dn Mouse Model of Down Syndrome. Developmental Neurobiology, 2019, 79, 664-683. | 1.5 | 13 |
| 1827 | Connections of the laterodorsal tegmental nucleus with the habenular-interpeduncular raphe system. Journal of Comparative Neurology, 2019, 527, 3046-3072. | 0.9 | 18 |
| 1828 | Visual hallucinations, thalamocortical physiology and Lewy body disease: A review. Neuroscience and Biobehavioral Reviews, 2019, 103, 337-351. | 2.9 | 17 |
| 1829 | Regulation of cholinergic basal forebrain development, connectivity, and function by neurotrophin receptors. Neuronal Signaling, 2019, 3, NS20180066. | 1.7 | 27 |
| 1830 | Partial depletion of septohippocampal cholinergic cells reduces seizure susceptibility, but does not mitigate hippocampal neurodegeneration in the kainate model of epilepsy. Brain Research, 2019, 1717, 235-246. | 1.1 | 5 |
| 1831 | Cholinergic system in sleep regulation of emotion and motivation. Pharmacological Research, 2019, 143, 113-118. | 3.1 | 23 |
| 1832 | Forebrain Cholinergic Signaling Regulates Innate Immune Responses and Inflammation. Frontiers in Immunology, 2019, 10, 585. | 2.2 | 55 |
| 1833 | Phase relations of theta oscillations in a computer model of the hippocampal CA1 field: Key role of Schaffer collaterals. Neural Networks, 2019, 116, 119-138. | 3.3 | 14 |
| 1834 | Role of nicotinic acetylcholine receptors for modulation of microcircuits in the agranular insular cortex. Journal of Oral Biosciences, 2019, 61, 5-11. | 0.8 | 8 |
| 1835 | Characterization of functional subgroups among genetically identified cholinergic neurons in the pedunculopontine nucleus. Cellular and Molecular Life Sciences, 2019, 76, 2799-2815. | 2.4 | 11 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1836 | Pattern of nitrenergic cells and fibers organization in the central nervous system of the Australian lungfish, <i>Neoceratodus forsteri</i> (Sarcopterygii: Dipnoi). <i>Journal of Comparative Neurology</i> , 2019, 527, 1771-1800. | 0.9 | 6 |
| 1837 | Mechanisms of decreased cholinergic arousal in focal seizures: In vivo whole-cell recordings from the pedunculopontine tegmental nucleus. <i>Experimental Neurology</i> , 2019, 314, 74-81. | 2.0 | 17 |
| 1838 | The Pharmacology of Visual Hallucinations in Synucleinopathies. <i>Frontiers in Pharmacology</i> , 2019, 10, 1379. | 1.6 | 36 |
| 1839 | Prefrontal cortical ChAT-VIP interneurons provide local excitation by cholinergic synaptic transmission and control attention. <i>Nature Communications</i> , 2019, 10, 5280. | 5.8 | 65 |
| 1840 | Neuromodulation in circuits of aversive emotional learning. <i>Nature Neuroscience</i> , 2019, 22, 1586-1597. | 7.1 | 106 |
| 1841 | Pedunculopontine nucleus: An integrative view with implications on Deep Brain Stimulation. <i>Neurobiology of Disease</i> , 2019, 128, 75-85. | 2.1 | 26 |
| 1842 | Cholinergic M4 receptors are involved in morphine-induced expression of behavioral sensitization by regulating dopamine function in the nucleus accumbens of rats. <i>Behavioural Brain Research</i> , 2019, 360, 128-133. | 1.2 | 8 |
| 1843 | The antinociceptive effect of anterior pretectal nucleus stimulation is mediated by distinct neurotransmitter mechanisms in descending pain pathways. <i>Brain Research Bulletin</i> , 2019, 146, 164-170. | 1.4 | 8 |
| 1844 | The corticotopic organization of the human basal forebrain as revealed by regionally selective functional connectivity profiles. <i>Human Brain Mapping</i> , 2019, 40, 868-878. | 1.9 | 47 |
| 1845 | Subregional volume reduction of the cholinergic forebrain in subjective cognitive decline (SCD). <i>NeuroImage: Clinical</i> , 2019, 21, 101612. | 1.4 | 35 |
| 1846 | Degeneration of cholinergic basal forebrain nuclei after focally evoked status epilepticus. <i>Neurobiology of Disease</i> , 2019, 121, 76-94. | 2.1 | 8 |
| 1847 | HDAC2 dysregulation in the nucleus basalis of Meynert during the progression of Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , 2019, 45, 380-397. | 1.8 | 38 |
| 1848 | Neurophysiology of the pedunculopontine tegmental nucleus. <i>Neurobiology of Disease</i> , 2019, 128, 19-30. | 2.1 | 26 |
| 1849 | Neuroimmune and epigenetic involvement in adolescent binge ethanol-induced loss of basal forebrain cholinergic neurons: Restoration with voluntary exercise. <i>Addiction Biology</i> , 2020, 25, e12731. | 1.4 | 49 |
| 1850 | Neuronal histamine and the memory of emotionally salient events. <i>British Journal of Pharmacology</i> , 2020, 177, 557-569. | 2.7 | 22 |
| 1851 | Therapeutic approaches to cholinergic deficiency in Lewy body diseases. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 41-53. | 1.4 | 6 |
| 1852 | Dorsal hippocampus cholinergic and nitrenergic neurotransmission modulates the cardiac baroreflex function in rats. <i>European Journal of Neuroscience</i> , 2020, 51, 991-1010. | 1.2 | 2 |
| 1853 | Effects of chronic alcohol consumption and withdrawal on the cholinergic neurons of the pedunculopontine and laterodorsal tegmental nuclei of the rat: An unbiased stereological study. <i>NeuroToxicology</i> , 2020, 76, 58-66. | 1.4 | 6 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1854 | Longitudinal Basal Forebrain Degeneration Interacts with TREM2/C3 Biomarkers of Inflammation in Presymptomatic Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2020, 40, 1931-1942. | 1.7 | 33 |
| 1855 | Molecular Mechanisms of REM Sleep. <i>Frontiers in Neuroscience</i> , 2019, 13, 1402. | 1.4 | 27 |
| 1856 | Neurochemical organization of the ventral striatum's olfactory tubercle. <i>Journal of Neurochemistry</i> , 2020, 152, 425-448. | 2.1 | 17 |
| 1857 | Direct Septum-Hippocampus Cholinergic Circuit Attenuates Seizure Through Driving Somatostatin Inhibition. <i>Biological Psychiatry</i> , 2020, 87, 843-856. | 0.7 | 55 |
| 1858 | The effect of insomnia on development of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 289. | 3.1 | 48 |
| 1859 | New Developments in Cholinergic Imaging in Alzheimer and Lewy Body Disorders. <i>Current Behavioral Neuroscience Reports</i> , 2020, 7, 278-286. | 0.6 | 7 |
| 1860 | Ageing-relevant human basal forebrain cholinergic neurons as a cell model for Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2020, 15, 61. | 4.4 | 18 |
| 1861 | Acetylcholine and Spontaneous Recognition Memory in Rodents and Primates. <i>Current Topics in Behavioral Neurosciences</i> , 2020, 45, 29-45. | 0.8 | 4 |
| 1862 | Cholinergic Modulation of the Default Mode Like Network in Rats. <i>IScience</i> , 2020, 23, 101455. | 1.9 | 18 |
| 1863 | Optogenetic Stimulation of Basal Forebrain Parvalbumin Neurons Activates the Default Mode Network and Associated Behaviors. <i>Cell Reports</i> , 2020, 33, 108359. | 2.9 | 20 |
| 1864 | Allosteric modulation of muscarinic receptors in alcohol and substance use disorders. <i>Advances in Pharmacology</i> , 2020, 88, 233-275. | 1.2 | 10 |
| 1865 | Cholinergic Projections From the Pedunculopontine Tegmental Nucleus Contact Excitatory and Inhibitory Neurons in the Inferior Colliculus. <i>Frontiers in Neural Circuits</i> , 2020, 14, 43. | 1.4 | 17 |
| 1866 | Effects of basal forebrain stimulation on the vibrotactile responses of neurons from the hindpaw representation in the rat SI cortex. <i>Brain Structure and Function</i> , 2020, 225, 1761-1776. | 1.2 | 5 |
| 1867 | Up and Down States and Memory Consolidation Across Somatosensory, Entorhinal, and Hippocampal Cortices. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 22. | 1.2 | 19 |
| 1868 | Muscarinic and Nicotinic Modulation of Neocortical Layer 6A Synaptic Microcircuits Is Cooperative and Cell-Specific. <i>Cerebral Cortex</i> , 2020, 30, 3528-3542. | 1.6 | 17 |
| 1869 | Basal forebrain volume reliably predicts the cortical spread of Alzheimer's degeneration. <i>Brain</i> , 2020, 143, 993-1009. | 3.7 | 79 |
| 1870 | Sex differences in rapid nonclassical action of 17 β -oestradiol on intracellular signalling and oestrogen receptor 1 α expression in basal forebrain cholinergic neurones in mouse. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12830. | 1.2 | 6 |
| 1871 | Effects of Intranasal Orexin-A (Hypocretin-1) Administration on Neuronal Activation, Neurochemistry, and Attention in Aged Rats. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 362. | 1.7 | 14 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1872 | An Overview of Nicotinic Cholinergic System Signaling in Neurogenesis. Archives of Medical Research, 2020, 51, 287-296. | 1.5 | 12 |
| 1873 | Plasticity of the adult auditory system based on corticocortical and corticofugal modulations. Neuroscience and Biobehavioral Reviews, 2020, 113, 461-478. | 2.9 | 18 |
| 1874 | The medial prefrontal cortex - hippocampus circuit that integrates information of object, place and time to construct episodic memory in rodents: Behavioral, anatomical and neurochemical properties. Neuroscience and Biobehavioral Reviews, 2020, 113, 373-407. | 2.9 | 84 |
| 1875 | Role of the Thalamus in Basal Forebrain Regulation of Neural Activity in the Primary Auditory Cortex. Cerebral Cortex, 2020, 30, 4481-4495. | 1.6 | 5 |
| 1876 | Cholinergic and Adenosinergic Modulation of Synaptic Release. Neuroscience, 2021, 456, 114-130. | 1.1 | 10 |
| 1877 | Lesions of the nucleus basalis magnocellularis (Meynert) induce enhanced somatosensory responses and tactile hypersensitivity in rats. Experimental Neurology, 2021, 335, 113493. | 2.0 | 3 |
| 1878 | Unexpected awakenings in severe dementia from case reports to laboratory. Alzheimer's and Dementia, 2021, 17, 125-136. | 0.4 | 6 |
| 1879 | Neuromodulation of the mind-wandering brain state: the interaction between neuromodulatory tone, sharp wave-ripples and spontaneous thought. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190699. | 1.8 | 21 |
| 1880 | Cholinergic and dopaminergic effects on prediction error and uncertainty responses during sensory associative learning. NeuroImage, 2021, 226, 117590. | 2.1 | 31 |
| 1881 | Neuronal Circuits in Barrel Cortex for Whisker Sensory Perception. Physiological Reviews, 2021, 101, 353-415. | 13.1 | 66 |
| 1882 | M1 receptors interacting with NMDAR enhance delay-related neuronal firing and improve working memory performance. Current Research in Neurobiology, 2021, 2, 100016. | 1.1 | 5 |
| 1883 | Neuronal localization of m1 muscarinic receptor immunoreactivity in the monkey basolateral amygdala. Journal of Comparative Neurology, 2021, 529, 2450-2463. | 0.9 | 0 |
| 1884 | Neurotoxic Effects, Mechanisms, and Outcome of 192 IgG-Saporin Lesions. , 2021, , 1-23. | | 1 |
| 1885 | Spatial topography of the basal forebrain cholinergic projections: Organization and vulnerability to degeneration. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 179, 159-173. | 1.0 | 14 |
| 1886 | Loss of Basal Forebrain Cholinergic Neurons Following Adolescent Binge Ethanol Exposure: Recovery With the Cholinesterase Inhibitor Galantamine. Frontiers in Behavioral Neuroscience, 2021, 15, 652494. | 1.0 | 27 |
| 1887 | Possible correlated variation of GABAA receptor $\hat{1}\pm 3$ expression with hippocampal cholinergic neurostimulating peptide precursor protein in the hippocampus. Biochemical and Biophysical Research Communications, 2021, 542, 80-86. | 1.0 | 3 |
| 1888 | Neuromodulation of Persistent Activity and Working Memory Circuitry in Primate Prefrontal Cortex by Muscarinic Receptors. Frontiers in Neural Circuits, 2021, 15, 648624. | 1.4 | 8 |
| 1889 | The effect of nerve growth factor on supporting spatial memory depends upon hippocampal cholinergic innervation. Translational Psychiatry, 2021, 11, 162. | 2.4 | 19 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1890 | Cholinergic Modulation of General Anesthesia. <i>Current Neuropharmacology</i> , 2021, 19, 1925-1936. | 1.4 | 9 |
| 1891 | Roles of the Functional Interaction between Brain Cholinergic and Dopaminergic Systems in the Pathogenesis and Treatment of Schizophrenia and Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4299. | 1.8 | 14 |
| 1892 | Cholinergics contribute to the cellular mechanisms of deep brain stimulation applied in rat infralimbic cortex but not white matter. <i>European Neuropsychopharmacology</i> , 2021, 45, 52-58. | 0.3 | 2 |
| 1893 | The role of the anterior pretectal nucleus in pain modulation: A comprehensive review. <i>European Journal of Neuroscience</i> , 2021, 54, 4358-4380. | 1.2 | 2 |
| 1894 | Biological Functions of Rat Ultrasonic Vocalizations, Arousal Mechanisms, and Call Initiation. <i>Brain Sciences</i> , 2021, 11, 605. | 1.1 | 51 |
| 1895 | Cholinergic regulation of adult hippocampal neurogenesis and hippocampus-dependent functions. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 134, 105969. | 1.2 | 4 |
| 1896 | Effects of aging on the cholinergic innervation of the rat ventral tegmental area: A stereological study. <i>Experimental Gerontology</i> , 2021, 148, 111298. | 1.2 | 3 |
| 1897 | Preserved cholinergic forebrain integrity reduces structural connectome vulnerability in mild cognitive impairment. <i>Journal of the Neurological Sciences</i> , 2021, 425, 117443. | 0.3 | 2 |
| 1898 | Sodium butyrate enhances fear extinction and rescues hippocampal acetylcholinesterase activity in a rat model of posttraumatic stress disorder. <i>Behavioural Pharmacology</i> , 2021, 32, 413-421. | 0.8 | 2 |
| 1899 | Muscarinic M ₄ and M ₅ receptors in the ventral subiculum differentially modulate alcohol seeking versus consumption in male alcohol-preferring rats. <i>British Journal of Pharmacology</i> , 2021, 178, 3730-3746. | 2.7 | 9 |
| 1900 | Different cholinergic cell groups in the basal forebrain regulate social interaction and social recognition memory. <i>Scientific Reports</i> , 2021, 11, 13589. | 1.6 | 11 |
| 1901 | Characterization of Human Genes Modulated by <i>Porphyromonas gingivalis</i> Highlights the Ribosome, Hypothalamus, and Cholinergic Neurons. <i>Frontiers in Immunology</i> , 2021, 12, 646259. | 2.2 | 12 |
| 1902 | Cholinergic basal forebrain and hippocampal structure influence visuospatial memory in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2022, 16, 118-129. | 1.1 | 7 |
| 1903 | Basal Forebrain Cholinergic Neurons: Linking Down Syndrome and Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 703876. | 1.7 | 13 |
| 1904 | Multiple Sources of Cholinergic Input to the Superior Olivary Complex. <i>Frontiers in Neural Circuits</i> , 2021, 15, 715369. | 1.4 | 5 |
| 1905 | The Cholinergic Brain in Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 1012-1026. | 0.8 | 42 |
| 1906 | Cholinergic modulation of dentate gyrus processing through dynamic reconfiguration of inhibitory circuits. <i>Cell Reports</i> , 2021, 36, 109572. | 2.9 | 8 |
| 1907 | Intrahippocampal blockade of nicotinic or muscarinic receptors fails to impair nonnavigational spatial memory in macaques. <i>Behavioral Neuroscience</i> , 2021, 135, 581-590. | 0.6 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1908 | Neonatal ethanol causes profound reduction of cholinergic cell number in the basal forebrain of adult animals. <i>Alcohol</i> , 2021, 97, 1-11. | 0.8 | 9 |
| 1909 | Stereological estimations and neurochemical characterization of neurons expressing GABAA and GABAB receptors in the rat pedunclopontine and laterodorsal tegmental nuclei. <i>Brain Structure and Function</i> , 2022, 227, 89-110. | 1.2 | 0 |
| 1911 | The organization of cholinergic projections in the visual thalamus of the mouse. <i>Journal of Comparative Neurology</i> , 2022, 530, 1081-1098. | 0.9 | 11 |
| 1912 | Acetylcholine from the nucleus basalis magnocellularis facilitates the retrieval of well-established memory. <i>Neurobiology of Learning and Memory</i> , 2021, 183, 107484. | 1.0 | 4 |
| 1913 | Quantitative EEG and cholinergic basal forebrain atrophy in Parkinson's disease and mild cognitive impairment. <i>Neurobiology of Aging</i> , 2021, 106, 37-44. | 1.5 | 10 |
| 1914 | Contingent Tunes of Neurochemical Ensembles in the Norm and Pathology: Can We See the Patterns?. <i>Neuropsychobiology</i> , 2021, 80, 101-133. | 0.9 | 13 |
| 1915 | Single-Cell Approaches for Studying the Role of Mitochondrial DNA in Neurodegenerative Disease. <i>Methods in Molecular Biology</i> , 2021, 2277, 299-329. | 0.4 | 1 |
| 1916 | The unsolved mystery of hippocampal cholinergic neurostimulating peptide: A potent cholinergic regulator. <i>Brain Circulation</i> , 2021, 7, 29. | 0.7 | 1 |
| 1917 | Chronic traumatic encephalopathy and the nucleus basalis of Meynert. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2021, 182, 9-29. | 1.0 | 2 |
| 1918 | Cholinergic Basal Forebrain Volumes Predict Gait Decline in Parkinson's Disease. <i>Movement Disorders</i> , 2021, 36, 611-621. | 2.2 | 25 |
| 1919 | The Pedunclopontine and Reinforcement. , 2005, , 523-532. | | 10 |
| 1920 | Cell Biology of the Forebrain Cholinergic Neurons: Effects of NGF, Triiodothyronine and Gangliosides. , 1986, , 169-180. | | 1 |
| 1921 | Neurochemical and Behavioural Effects Following Lesions of the Nucleus Basalis in the Rat. , 1986, , 53-62. | | 1 |
| 1922 | The Basal Ganglia and the Mesencephalic Locomotor Region. , 1986, , 77-103. | | 11 |
| 1923 | Galanin in the Central Nervous System: A Review. , 1990, , 1-64. | | 16 |
| 1924 | Coexistence of galanin-like immunoreactivity with classical transmitters and other neuropeptides in the CNS. , 1991, , 107-116. | | 2 |
| 1925 | On the Relationships Between the Pedunclopontine Tegmental Nucleus, Corticostriatal Architecture, and the Medial Reticular Formation. <i>Advances in Behavioral Biology</i> , 2009, , 143-157. | 0.2 | 9 |
| 1926 | Neurochemistry of the Circuitry Subservicing Thirst. <i>ILSI Human Nutrition Reviews</i> , 1991, , 176-193. | 0.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1927 | The Medial Septum and Working/Episodic Memory. , 2000, , 327-362. | | 4 |
| 1928 | Genetic Studies of Affective Illness. , 1989, , 109-142. | | 6 |
| 1929 | Central Cholinergic Pathways Neuroanatomy and Some Behavioral Implications. , 1988, , 237-260. | | 35 |
| 1930 | Postsynaptic Actions of Acetylcholine in the Mammalian Brain in Vitro. , 1988, , 287-302. | | 2 |
| 1931 | The Cholinergic Hypothesis of Memory: A Review of Animal Experiments. , 1988, , 237-323. | | 105 |
| 1932 | Neurotransmitter Plasticity in the Juxtglomerular Cells of the Olfactory Bulb. , 1988, , 185-216. | | 18 |
| 1933 | Role of Nerve Growth Factor in the Central Nervous System. , 1988, , 127-138. | | 7 |
| 1934 | Nicotinic Modulation of Dopaminergic Neurotransmission: Functional Implications. Advances in Behavioral Biology, 1987, , 169-189. | 0.2 | 10 |
| 1935 | Nerve Growth Factor Promotes Survival of Septal Cholinergic Neurons After Injury. Advances in Behavioral Biology, 1986, , 615-625. | 0.2 | 2 |
| 1936 | Neurotoxic Effects, Mechanisms, and Outcome of 192-IgG Saporin. , 2014, , 591-609. | | 1 |
| 1937 | Functional Organization of Brainstem-Basal Ganglia Interactions as Viewed from the Pedunculopontine Region. , 2001, , 175-188. | | 8 |
| 1938 | Neurotransmitter and Growth Factor Alterations in Functional Deficits and Recovery Following Traumatic Brain Injury. , 2001, , 267-294. | | 1 |
| 1939 | Age-Related Changes in Subcortical Nuclei that Project to the Cerebral Cortex. Cerebral Cortex, 1999, , 365-397. | 0.6 | 2 |
| 1940 | Cholinergic Innervation in Cerebral Cortex. Cerebral Cortex, 1987, , 129-160. | 0.6 | 18 |
| 1941 | The Cholinergic Modulation of Cortical Function. Cerebral Cortex, 1987, , 161-185. | 0.6 | 31 |
| 1942 | Alertness, Quiet Sleep, Dreaming. Cerebral Cortex, 1991, , 279-357. | 0.6 | 70 |
| 1943 | Coma and Related Global Disturbances of the Human Conscious State. Cerebral Cortex, 1991, , 359-425. | 0.6 | 38 |
| 1944 | Brainstem Modulation of the Hippocampus. , 1986, , 41-75. | | 61 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1945 | Selective Hippocampal Lesions and Behavior. , 1986, , 93-126. | | 94 |
| 1946 | Neurotransmitter Systems in Hippocampus and Prelimbic Cortex, Dopamine-Acetylcholine Interactions in Hippocampus, and Memory in the Rat. , 1992, , 159-182. | | 5 |
| 1947 | Synaptic Organization of Basal Forebrain Cholinergic Projection Neurons. , 1992, , 27-65. | | 17 |
| 1948 | The Basal Forebrain Cholinergic System: An Evolving Concept in the Neurobiology of the Forebrain. , 1991, , 11-71. | | 3 |
| 1949 | Behavioral Neuroanatomy of Cholinergic Innervation in the Primate Cerebral Cortex. , 1991, , 73-85. | | 3 |
| 1950 | Role of the Basal Forebrain Cholinergic System in Cortical Activation and Arousal. , 1991, , 115-133. | | 4 |
| 1951 | Functional Implications of Tonic and Phasic Activity Changes in Nucleus Basalis Neurons. , 1991, , 135-166. | | 16 |
| 1952 | Acetylcholine Modulation of Cellular Excitability Via Muscarinic Receptors: Functional Plasticity in Auditory Cortex. , 1991, , 189-246. | | 11 |
| 1953 | Acetylcholine. , 1985, , 143-197. | | 12 |
| 1954 | Cellular and Synaptic Effects of General Anesthetics. , 1986, , 3-16. | | 14 |
| 1955 | Role of Acetylcholine in the Cerebral Cortex. , 1987, , 271-281. | | 2 |
| 1956 | Chemical Anatomy of the Basal Ganglia in Primates. Advances in Behavioral Biology, 1987, , 3-41. | 0.2 | 10 |
| 1957 | Growth Factor and Lymphokine Effects on Brain Cholinergic Systems. Advances in Behavioral Biology, 1989, , 153-163. | 0.2 | 2 |
| 1958 | Transneuronal Neurochemical and Neuropathological Changes Induced by Nucleus Basalis Lesions: A Possible Degenerative Mechanism in Alzheimer's Disease. Advances in Behavioral Biology, 1989, , 235-254. | 0.2 | 4 |
| 1959 | Neuropharmacology and Functional Anatomy of the Basal Ganglia: Experimental Models for Parkinson's and Alzheimer's Disease. Advances in Behavioral Biology, 1990, , 453-458. | 0.2 | 1 |
| 1960 | Evolution of Cholinergic Cortical Innervation after nbM-Lesioning (An Experimental Alzheimer) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T | | 2 |
| 1961 | Cytoarchitecture, Fiber Connections, and Some Histochemical Aspects of the Interpeduncular Nucleus in the Rat. , 1986, , 353-390. | | 1 |
| 1962 | Afferents to Basal Forebrain Cholinergic Projection Neurons: An Update. Advances in Experimental Medicine and Biology, 1991, 295, 43-100. | 0.8 | 113 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1963 | Calcium-Binding Protein (Calbindin D-28k) Immunoreactive Neurons in the Basal Forebrain of the Monkey and the Rat: Relationship with the Cholinergic Neurons. <i>Advances in Experimental Medicine and Biology</i> , 1991, 295, 119-126. | 0.8 | 6 |
| 1964 | The Role of Acetylcholine in Barrel Cortex. <i>Cerebral Cortex</i> , 1995, , 411-434. | 0.6 | 6 |
| 1965 | Development of Cingulate Cortex: Proteins, Neurons, and afferents. , 1993, , 151-180. | | 4 |
| 1966 | Hippocampal, Subicular, and Entorhinal Afferents and Synaptic Integration in Rodent Cingulate Cortex. , 1993, , 224-248. | | 17 |
| 1967 | In Vivo Volumetry of the Cholinergic Basal Forebrain. <i>Neuromethods</i> , 2018, , 213-232. | 0.2 | 5 |
| 1969 | The Role of the Pedunculo-pontine Tegmental Nucleus in Motor Disorders. <i>Neuromethods</i> , 2011, , 321-342. | 0.2 | 4 |
| 1970 | The Mouse Brainstem (Truncus encephali). , 2020, , 79-151. | | 3 |
| 1971 | Involvement of GABAergic Mechanisms in the Laterodorsal and Pedunculo-pontine Tegmental Nuclei (LDT&PPT) in the Promotion of REM Sleep. , 2010, , 213-231. | | 3 |
| 1972 | Behavioral neuroanatomy of cholinergic innervation in the primate cerebral cortex. <i>Exs</i> , 1989, 57, 1-11. | 1.4 | 7 |
| 1973 | Cholinergic activation of medial pontine reticular formation neurons in vitro. <i>Exs</i> , 1989, 57, 123-137. | 1.4 | 4 |
| 1974 | The cholinergic nucleus basalis: A key structure in neocortical arousal. <i>Exs</i> , 1989, 57, 159-171. | 1.4 | 54 |
| 1975 | Afferent connections of the forebrain cholinergic projection neurons, with special reference to monoaminergic and peptidergic fibers. <i>Exs</i> , 1989, 57, 12-32. | 1.4 | 53 |
| 1976 | Central cholinergic synapses: The septohippocampal system as a model. <i>Exs</i> , 1989, 57, 33-41. | 1.4 | 13 |
| 1977 | The Reticular Formation and Some Related Nuclei. , 2011, , 211-247. | | 2 |
| 1978 | Muscarinic Receptor Pharmacology and Circuitry for the Modulation of Cognition. <i>Handbook of Experimental Pharmacology</i> , 2012, , 121-166. | 0.9 | 92 |
| 1979 | Distribution of Cholinergic Neurons in the Mammalian Brain with Special Reference to their Relationship with Neuronal Nicotinic Acetylcholine Receptors. <i>Handbook of Experimental Pharmacology</i> , 2000, , 13-30. | 0.9 | 15 |
| 1980 | Pharmacology of the Cholinergic System. <i>Handbook of Experimental Pharmacology</i> , 1995, , 143-210. | 0.9 | 7 |
| 1981 | Recent Genetic Findings in Mood Disorders. , 1986, , 79-89. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1982 | Structure and Expression of ÅŸ-Nerve Growth Factor in the Rat Central Nervous System. , 1988, , 245-256. | | 6 |
| 1983 | Cholinergic Neurons of the Rat Forebrain in Slice Cultures; Interactions with Target Tissue and Effects of Nerve Growth Factor. , 1988, , 81-92. | | 2 |
| 1984 | Cholinergic Co-transmitters. Handbook of Experimental Pharmacology, 1988, , 479-533. | 0.9 | 7 |
| 1985 | Regional Distribution of Neurotransmitter-Related Markers: a Quantitative Microchemical Approach to the Study of Telencephalic Evolution. , 1990, , 183-196. | | 2 |
| 1986 | Dopamine â€” Acetylcholine Interactions. Handbook of Experimental Pharmacology, 2002, , 85-115. | 0.9 | 7 |
| 1987 | The role of acetylcholine and dopamine in dementia and psychosis in Parkinsonâ€™s disease. Journal of Neural Transmission Supplementum, 2003, , 185-195. | 0.5 | 54 |
| 1988 | Neuroendocrine Anatomy of the Hypothalamus. , 1990, 47, 1-15. | | 12 |
| 1989 | Impairment in memory function and neurodegenerative changes in the cholinergic basal forebrain system induced by chronic intake of ethanol. , 1994, 44, 173-187. | | 56 |
| 1990 | Nerve Growth Factor: Actions in the Peripheral and Central Nervous Systems. , 1993, , 209-256. | | 30 |
| 1991 | Lesioning the Nucleus Basalis. Methods in Neurosciences, 1991, 7, 139-150. | 0.5 | 2 |
| 1992 | Basal Ganglia. , 1990, , 483-582. | | 88 |
| 1993 | Neurotrophic Factors, Gene Therapy, and Alzheimer's Disease. , 1999, , 505-XIII. | | 2 |
| 1994 | The hypothalamic arcuate nucleus-median eminence complex: immunohistochemistry of transmitters, peptides and DARPP-32 with special reference to coexistence in dopamine neurons. Brain Research, 1986, 396, 97-155. | 1.1 | 79 |
| 1995 | Molecular alteration of a muscarinic acetylcholine receptor system during synaptogenesis.. Journal of Biological Chemistry, 1985, 260, 8873-8881. | 1.6 | 31 |
| 1996 | Double dissociations of the effects of amygdala and insular cortex lesions on conditioned taste aversion, passive avoidance, and neophobia in the rat using the excitotoxin ibotenic acid. Behavioral Neuroscience, 1988, 102, 3-23. | 0.6 | 117 |
| 1997 | Galanin receptor antagonist M40 blocks galanin-induced choice accuracy deficits on a delayed-nonmatching-to-position task. Behavioral Neuroscience, 1996, 110, 1025-32. | 0.6 | 20 |
| 1998 | Reversible inactivation of the medial septum or nucleus basalis impairs working memory in rats: a dissociation of memory and performance. Behavioral Neuroscience, 1998, 112, 1114-24. | 0.6 | 8 |
| 1999 | Interactions between 192-IgG saporin and intraseptal cholinergic and GABAergic drugs: role of cholinergic medial septal neurons in spatial working memory. Behavioral Neuroscience, 1999, 113, 265-75. | 0.6 | 24 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2000 | Cortical acetylcholine release elicited by stimulation of histamine H1 receptors in the nucleus basalis magnocellularis: a dual-probe microdialysis study in the freely moving rat. <i>European Journal of Neuroscience</i> , 2001, 13, 68-78. | 1.2 | 31 |
| 2003 | Chemical anatomy of the brain. <i>Science</i> , 1984, 225, 1326-1334. | 6.0 | 392 |
| 2004 | Cholinergic and GABAergic Neurons of the Basal Forebrain. , 1998, , . | | 12 |
| 2005 | A Small Molecule p75NTR Ligand, LM11A-31, Reverses Cholinergic Neurite Dystrophy in Alzheimer's Disease Mouse Models with Mid- to Late-Stage Disease Progression. <i>PLoS ONE</i> , 2014, 9, e012136. | 1.1 | 77 |
| 2006 | Rhythmic Firing of Pedunclopontine Tegmental Nucleus Neurons in Monkeys during Eye Movement Task. <i>PLoS ONE</i> , 2015, 10, e0128147. | 1.1 | 5 |
| 2007 | Vagal nerve stimulation triggers widespread responses and alters large-scale functional connectivity in the rat brain. <i>PLoS ONE</i> , 2017, 12, e0189518. | 1.1 | 51 |
| 2008 | Pedunclopontine tegmental nucleus. Part I: cytoarchitecture, transmitters, development and connections. <i>Biomedical Reviews</i> , 2014, 14, 95. | 0.6 | 7 |
| 2009 | Psychotic symptoms in Parkinson's disease: pathophysiology and management. <i>Expert Opinion on Drug Safety</i> , 2004, 3, 209-20. | 1.0 | 6 |
| 2010 | Brain-derived neurotrophic factor (BDNF) prevents the degeneration of medial septal cholinergic neurons following fimbria transection. <i>Journal of Neuroscience</i> , 1993, 13, 4146-4156. | 1.7 | 240 |
| 2011 | Differential effects on spatial navigation of immunotoxin-induced cholinergic lesions of the medial septal area and nucleus basalis magnocellularis. <i>Journal of Neuroscience</i> , 1994, 14, 4507-4519. | 1.7 | 297 |
| 2012 | The Multifunctional Mesencephalic Locomotor Region. <i>Current Pharmaceutical Design</i> , 2013, 19, 4448-4470. | 0.9 | 159 |
| 2013 | Neuromodulation of Memory Formation and Extinction. <i>Current Neurovascular Research</i> , 2020, 17, 319-326. | 0.4 | 4 |
| 2014 | Therapeutic Potential of Multifunctional Tacrine Analogues. <i>Current Neuropharmacology</i> , 2019, 17, 472-490. | 1.4 | 35 |
| 2015 | Age-Related Changes of Hippocampal Synaptic Plasticity in $\text{A}\beta\text{PP}$ -Null Mice are Restored by NGF Through p75NTR. <i>Journal of Alzheimer's Disease</i> , 2012, 33, 265-272. | 1.2 | 11 |
| 2016 | Exploratory Behavior and Recognition Memory in Medial Septal Electrolytic, Neuro- and Immunotoxic Lesioned Rats. <i>Physiological Research</i> , 2015, 64, 755-767. | 0.4 | 8 |
| 2017 | Enhancement of sleep slow waves: underlying mechanisms and practical consequences. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 208. | 1.2 | 179 |
| 2018 | Unusual neural connection between injured cingulum and brainstem in a patient with subarachnoid hemorrhage. <i>Neural Regeneration Research</i> , 2014, 9, 498. | 1.6 | 8 |
| 2019 | Perspectives on the neural connectivity of the fornix in the human brain. <i>Neural Regeneration Research</i> , 2014, 9, 1434. | 1.6 | 14 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2021 | Selective attenuation of Ether-a-go-go related K ⁺ currents by endogenous acetylcholine reduces spike-frequency adaptation and network correlation. <i>ELife</i> , 2019, 8, . | 2.8 | 7 |
| 2022 | Cellular birthdate predicts laminar and regional cholinergic projection topography in the forebrain. <i>ELife</i> , 2020, 9, . | 2.8 | 20 |
| 2023 | The Active and Passive Components of Neuronal Excitation and its Glial Support. <i>Biophysics (Russian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i> | 0.2 | 1 |
| 2024 | Comprehensive Analysis of Brain Volume in REM Sleep Behavior Disorder with Mild Cognitive Impairment. <i>Journal of Parkinson's Disease</i> , 2022, 12, 229-241. | 1.5 | 18 |
| 2025 | Functional Constructivism Approach to Multilevel Nature of Bio-Behavioral Diversity. <i>Frontiers in Psychiatry</i> , 2021, 12, 641286. | 1.3 | 5 |
| 2026 | Behavioral and brain morphological analysis of non-inflammatory and inflammatory rat models of preterm brain injury. <i>Neurobiology of Learning and Memory</i> , 2021, 185, 107540. | 1.0 | 2 |
| 2028 | Neurochemistry: The Basis of Psychopharmacology. , 2001, , 97-118. | | 0 |
| 2029 | Cholinergic Plasticity and the Meaning of Death. , 2003, , 27-74. | | 1 |
| 2030 | Effects of anticholinergic drugs and medial septum lesion on short-term memory for visual and auditory stimuli in rats.. <i>Japanese Journal of Animal Psychology</i> , 2003, 53, 57-70. | 0.2 | 0 |
| 2032 | Development of cholinergic projections to cortex. , 2004, , 381-386. | | 1 |
| 2033 | â€˜Readthroughâ€™ acetylcholinesterase and cholinergic neurotransmission. , 2004, , 697-700. | | 0 |
| 2034 | Hypocretin/Orexin Actions on Mesopontine Cholinergic Systems Controlling Behavioral State. , 2005, , 153-168. | | 1 |
| 2036 | Cholinergic Neurodegeneration in Alzheimer's Disease: Basis for Nerve Growth Factor Therapy. , 2007, , 64-104. | | 2 |
| 2037 | >Story of Muscarinic Receptors, Alkaloids with Muscarinic Significance and of Muscarinic Functions and Behaviors. <i>Annual Review of Biomedical Sciences</i> , 2009, 11, . | 0.5 | 1 |
| 2038 | Diencefalo: ipotalamo. , 2010, , 289-336. | | 0 |
| 2039 | Formazione reticolare e gruppi cellulari monoaminergici e colinergici. , 2010, , 889-915. | | 0 |
| 2040 | Telencefalo: ippocampo e strutture relative. , 2010, , 361-399. | | 0 |
| 2041 | Telencefalo: gangli della base. , 2010, , 427-489. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2042 | Lesion-Induced Vertebrate Models of Alzheimer Dementia. <i>Neuromethods</i> , 2011, , 295-345. | 0.2 | 3 |
| 2043 | Roles of cholinergic receptors during attentional modulation of cue detection. <i>World Journal of Pharmacology</i> , 2013, 2, 84. | 1.3 | 0 |
| 2044 | The effects of overexpression of human APP on cholinergic and dopaminergic neurons of brain of <i>Drosophila melanogaster</i> . <i>Ecological Genetics</i> , 2013, 11, 23. | 0.1 | 1 |
| 2045 | Subcortical and Limbic Attentional Influences. , 2014, , 381-428. | | 0 |
| 2046 | CHOLINERGIC SYSTEMS IN MAMMALIAN BRAIN IDENTIFIED WITH ANTIBODIES AGAINST CHOLINE ACETYLTRANSFERASE. , 1985, , 85-109. | | 0 |
| 2047 | Functions of Nucleus Basalis Magnocellularis Input to the Neocortex: A Reconstitution Analysis Using Intracerebral Transplantation. <i>Advances in Behavioral Biology</i> , 1985, , 537-542. | 0.2 | 0 |
| 2048 | An Immunohistochemical Study Comparing Selected Features of the Anatomy of Cholinergic Innervation in the Cerebral Cortex of Six Mammalian Species. , 1986, , 157-168. | | 0 |
| 2049 | Physiologische und pharmakologische Aspekte des zentralen anticholinergen Syndroms. , 1987, , 186-197. | | 0 |
| 2050 | Presynaptic Modulation of Cortical Acetylcholine Release: Influence of Age and Adenosine. , 1987, , 179-186. | | 0 |
| 2051 | Central Cholinergic Pathways: The Histochemical Evidence. <i>Handbook of Experimental Pharmacology</i> , 1988, , 615-631. | 0.9 | 0 |
| 2052 | The Phosphoinositide-Linked CNS Muscarinic Receptor. <i>Advances in Experimental Medicine and Biology</i> , 1988, 236, 195-215. | 0.8 | 0 |
| 2053 | Molecular Biology and Neurobiology of Choline Acetyltransferase. , 1988, , 247-280. | | 0 |
| 2054 | Afferents to the Horizontal Diagonal Band of the Rat. , 1988, , 223-225. | | 0 |
| 2056 | Cholinergic Systems in Alzheimer's Disease, Parkinson's Disease and Progressive Supranuclear Palsy. <i>Advances in Behavioral Biology</i> , 1990, , 427-444. | 0.2 | 1 |
| 2058 | Actions of Acetylcholine on Cortical Neurons: Pieces in the Puzzle About Mechanisms Underlying Learning. , 1991, , 167-187. | | 1 |
| 2059 | Cholinergic Excitation of A9 and A10 Dopaminergic Neurones in Vitro through Both Nicotinic and Muscarinic Receptors. <i>Advances in Behavioral Biology</i> , 1991, , 275-284. | 0.2 | 0 |
| 2060 | Nerve Growth Factor: Studies Addressing Its Expression and Actions in the Central Nervous System. , 1991, , 39-60. | | 2 |
| 2061 | An Analysis of the Basal Forebrain Contribution to Learning and Memory. , 1991, , 263-288. | | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2062 | Regional and Cellular Distribution of Glutamate Dehydrogenase and Pyruvate Dehydrogenase Complex in Brain: Implications for Neurodegenerative Disorders. <i>Foundations of Neurology</i> , 1992, , 139-157. | 0.1 | 0 |
| 2063 | Serotonin Influences on Cholinergic Function: Possible Interactions in Learning and Memory. , 1992, , 207-227. | | 0 |
| 2064 | Role of Target-Derived Neurotrophins in the Maintenance of Developing and Adult Basal Forebrain Neurons. , 1995, , 267-274. | | 0 |
| 2065 | Cytoarchitecture and Chemistry of the Human Ascending Cholinergic System. <i>Advances in Behavioral Biology</i> , 1995, , 129-153. | 0.2 | 0 |
| 2066 | Leukemia inhibitory factor and phenotypic specialization. , 1996, , 265-292. | | 1 |
| 2067 | Detection of phosphotyrosine, insulin receptor substrate-1 and growth factor receptor-bound protein-2 in the magnocellular forebrain system and hypothalamus of cat and man. <i>Biomedical Reviews</i> , 2014, 5, 73. | 0.6 | 0 |
| 2068 | A Model of Changes in Inferotemporal Activity during a Delayed Match-To-Sample Task. , 1997, , 845-850. | | 1 |
| 2069 | <i>Neurochemie: Basis der Psychopharmakologie.</i> , 1999, , 171-211. | | 1 |
| 2070 | Contextual Learning Requires Functional Diversity at Excitatory and Inhibitory Synapses onto CA1 Pyramidal Neurons. <i>AIMS Neuroscience</i> , 2015, 2, 7-17. | 1.0 | 1 |
| 2071 | I Alteration of Neurotransmitter Systems in Dementia Visualized by Positron Emission Tomography. <i>Radioisotopes</i> , 2015, 64, 197-205. | 0.1 | 0 |
| 2073 | Muscarinic Receptor Gene Transfections and In Vivo Dopamine Electrochemistry: Muscarinic Receptor Control of Dopamine-Dependent Reward and Locomotion. <i>Neuromethods</i> , 2016, , 261-282. | 0.2 | 0 |
| 2074 | The Expression of SIRT1 in Ocular Tissues. <i>Journal of Biomolecular Research & Therapeutics</i> , 2016, 05, . | 0.2 | 0 |
| 2075 | Neuropsychiatric Symptoms Related to Cholinergic Deficits in Parkinsonâ€™s Disease. , 2017, , 375-388. | | 1 |
| 2079 | SAK3-Induced Neuroprotection Is Mediated by Nicotinic Acetylcholine Receptors. , 2018, , 159-171. | | 2 |
| 2080 | Spatial Topography of Alzheimers Degeneration Reflects the Cholinergic Projection System. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 2085 | The Reticular Formation and the Neuromodulatory Systems. , 2020, , 257-307. | | 1 |
| 2086 | Use of 192 IgG-saporin as a model of dementia and its application. , 2020, , 849-863. | | 0 |
| 2088 | Interactions between CRF and acetylcholine in the modulation of cognitive behaviour. , 2006, 98, 41-63. | | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2089 | Intraseptal cholinergic infusions alter memory in the rat: method and mechanism. , 2006, 98, 87-98. | | 1 |
| 2090 | Central histaminergic system interactions and cognition. , 2006, 98, 149-163. | | 6 |
| 2091 | Cholinergic and GABAergic Neurons of the Basal Forebrain. , 1998, , . | | 0 |
| 2092 | Biochemical, Physiological, and Behavioral Characterizations of the Cholinergic Basal Forebrain Lesion Produced by 192 IgG-Saporin. , 2005, , 31-58. | | 1 |
| 2094 | M2 muscarinic receptor-mediated inhibition of the Ca ²⁺ current in rat magnocellular cholinergic basal forebrain neurones. Journal of Physiology, 1993, 466, 173-89. | 1.3 | 50 |
| 2097 | Small molecule modulation of TrkB and TrkC neurotrophin receptors prevents cholinergic neuron atrophy in an Alzheimer's disease mouse model at an advanced pathological stage. Neurobiology of Disease, 2022, 162, 105563. | 2.1 | 16 |
| 2098 | Reduction of acetylcholine in the hippocampus of hippocampal cholinergic neurostimulating peptide precursor protein knockout mice. Scientific Reports, 2021, 11, 22072. | 1.6 | 3 |
| 2099 | Spatial Pattern Separation Testing Differentiates Alzheimer's Disease Biomarker-Positive and Biomarker-Negative Older Adults With Amnesic Mild Cognitive Impairment. Frontiers in Aging Neuroscience, 2021, 13, 774600. | 1.7 | 5 |
| 2100 | APOE ε4 Allele Moderates the Association Between Basal Forebrain Nuclei Volumes and Allocentric Navigation in Older Adults Without Dementia. Journal of Alzheimer's Disease, 2022, 86, 155-171. | 1.2 | 0 |
| 2102 | Prenatal nicotine alters development of the laterodorsal tegmentum: Possible role for attention-deficit/hyperactivity disorder and drug dependence. World Journal of Psychiatry, 2022, 12, 212-238. | 1.3 | 3 |
| 2103 | Cholinergic system changes in Parkinson's disease: emerging therapeutic approaches. Lancet Neurology, The, 2022, 21, 381-392. | 4.9 | 70 |
| 2104 | Cholinergic and non-cholinergic projections from the upper brainstem core to the visual thalamus in the cat. Experimental Brain Research, 1988, 70, 166-180. | 0.7 | 112 |
| 2105 | Impact of adolescent intermittent ethanol exposure on interneurons and their surrounding perineuronal nets in adulthood. Alcoholism: Clinical and Experimental Research, 2022, 46, 759-769. | 1.4 | 11 |
| 2106 | Anti-Neurodegenerative Benefits of Acetylcholinesterase Inhibitors in Alzheimer's Disease: Nexus of Cholinergic and Nerve Growth Factor Dysfunction. Current Alzheimer Research, 2021, 18, 1010-1022. | 0.7 | 12 |
| 2108 | Cholinergic Brainstem. , 2009, , 705-708. | | 0 |
| 2138 | Cholinergic blockade in the rat impairs strategy selection but not learning and retention of nonspatial visual discrimination problems in a swimming pool. Behavioral Neuroscience, 1988, 102, 662-77. | 0.6 | 29 |
| 2139 | Basal forebrain lesions and memory: alterations in neurotensin, not acetylcholine, may cause amnesia. Behavioral Neuroscience, 1989, 103, 765-9. | 0.6 | 42 |
| 2140 | Cholinergic nucleus 4 grey matter density is associated with apathy in Parkinson's disease. Clinical Neuropsychologist, 2023, 37, 676-694. | 1.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2141 | Alcoholism, Korsakoff's Syndrome and the Frontal Lobes. <i>Behavioural Neurology</i> , 1989, 2, 25-38. | 1.1 | 3 |
| 2142 | Ripple-selective GABAergic projection cells in the hippocampus. <i>Neuron</i> , 2022, 110, 1959-1977.e9. | 3.8 | 24 |
| 2143 | Free-water imaging of the cholinergic basal forebrain and pedunculo-pontine nucleus in Parkinson's disease. <i>Brain</i> , 2023, 146, 1053-1064. | 3.7 | 7 |
| 2145 | Butyrylcholinesterase is a potential biomarker for Sudden Infant Death Syndrome. <i>EBioMedicine</i> , 2022, 80, 104041. | 2.7 | 20 |
| 2146 | Nimodipine prevents medial septal lesion-induced performance deficits in the Morris water maze. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1993, 21, 209-214. | 1.2 | 5 |
| 2147 | Conditioned changes in the basal forebrain: Relations with learning-induced cortical plasticity. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1995, 23, 10-25. | 1.2 | 37 |
| 2148 | The Mesoscopic Connectome of the Cholinergic Pontomesencephalic Tegmentum. <i>Frontiers in Neuroanatomy</i> , 2022, 16, . | 0.9 | 6 |
| 2149 | Prenatal development of the human entorhinal cortex. <i>Journal of Comparative Neurology</i> , 2022, 530, 2711-2748. | 0.9 | 7 |
| 2151 | Basal Forebrain Impairment: Understanding the Mnemonic Function of the Septal Region Translates in Therapeutic Advances. <i>Frontiers in Neural Circuits</i> , 0, 16, . | 1.4 | 4 |
| 2158 | Protective Effect of Nerve Growth Factor in the Hippocampus against Disturbances in Synaptic Plasticity Caused by Cholinergic Deficit. <i>Neurochemical Journal</i> , 2022, 16, 147-154. | 0.2 | 0 |
| 2159 | Cholinergic Internal and Projection Systems of Hippocampus and Neocortex Critical for Early Spatial Memory Consolidation in Normal and Chronic Cerebral Hypoperfusion Conditions in Rats with Different Abilities to Consolidation: The Role of Cholinergic Interneurons of the Hippocampus. <i>Biomedicines</i> , 2022, 10, 1532. | 1.4 | 0 |
| 2161 | A Century Searching for the Neurons Necessary for Wakefulness. <i>Frontiers in Neuroscience</i> , 0, 16, . | 1.4 | 9 |
| 2162 | Top-down projections of the prefrontal cortex to the ventral tegmental area, laterodorsal tegmental nucleus, and median raphe nucleus. <i>Brain Structure and Function</i> , 2022, 227, 2465-2487. | 1.2 | 8 |
| 2163 | Basal Forebrain-Dorsal Hippocampus Cholinergic Circuit Regulates Olfactory Associative Learning. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8472. | 1.8 | 4 |
| 2164 | Glutamate inputs from the laterodorsal tegmental nucleus to the ventral tegmental area are essential for the induction of cocaine sensitization in male mice. <i>Psychopharmacology</i> , 2022, 239, 3263-3276. | 1.5 | 2 |
| 2165 | Long-term nucleus basalis cholinergic depletion induces attentional deficits and impacts cortical neurons and BDNF levels without affecting the NGF synthesis. <i>Journal of Neurochemistry</i> , 2022, 163, 149-167. | 2.1 | 5 |
| 2166 | Cholinergic REST-G9a gene repression through HMGB1-TLR4 neuroimmune signaling regulates basal forebrain cholinergic neuron phenotype. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, . | 1.4 | 3 |
| 2167 | Cholinergic basal forebrain nucleus of Meynert regulates chronic pain-like behavior via modulation of the prelimbic cortex. <i>Nature Communications</i> , 2022, 13, . | 5.8 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2168 | Characterization of social behavior in young and middle-aged ChAT-IRES-Cre mouse. PLoS ONE, 2022, 17, e0272141. | 1.1 | 4 |
| 2170 | Temporal dynamics of cholinergic activity in the septo-hippocampal system. Frontiers in Neural Circuits, 0, 16, . | 1.4 | 4 |
| 2171 | FLUORO-DOPA pattern in Kleine Levin syndrome. IP Indian Journal of Neurosciences, 2022, 8, 208-211. | 0.0 | 0 |
| 2173 | Cholinergic Modulation of Locomotor Circuits in Vertebrates. International Journal of Molecular Sciences, 2022, 23, 10738. | 1.8 | 8 |
| 2174 | Neuronal circuitry for recognition memory of object and place in rodent models. Neuroscience and Biobehavioral Reviews, 2022, 141, 104855. | 2.9 | 30 |
| 2176 | Cholinergic regulation of object recognition memory. Frontiers in Behavioral Neuroscience, 0, 16, . | 1.0 | 9 |
| 2177 | Identification of cholinergic centro-cingulate topography as main contributor to cognitive functioning in Parkinson's disease: Results from a data-driven approach. Frontiers in Aging Neuroscience, 0, 14, . | 1.7 | 2 |
| 2178 | Probing the nature of episodic memory in rodents. Neuroscience and Biobehavioral Reviews, 2023, 144, 104930. | 2.9 | 2 |
| 2179 | Mapping Cholinergic Synaptic Loss in Parkinson's Disease: An [18F]FEOBV PET Case-Control Study. Journal of Parkinson's Disease, 2022, 12, 2493-2506. | 1.5 | 7 |
| 2180 | Reduction of glutamatergic activity through cholinergic dysfunction in the hippocampus of hippocampal cholinergic neurostimulating peptide precursor protein knockout mice. Scientific Reports, 2022, 12, . | 1.6 | 2 |
| 2181 | Neurotransmitters. , 2022, , 69-105. | | 0 |
| 2182 | Atrophy of the Cholinergic Basal Forebrain can Detect Presynaptic Cholinergic Loss in Parkinson's Disease. Annals of Neurology, 2023, 93, 991-998. | 2.8 | 5 |
| 2183 | Neurotoxic Effects, Mechanisms, and Outcome of 192 IgG-Saporin Lesions. , 2022, , 1251-1272. | | 0 |
| 2185 | Evaluation of eGFP expression in the ChAT-eGFP transgenic mouse brain. BMC Neuroscience, 2023, 24, . | 0.8 | 2 |
| 2186 | Water Drinking Behavior Associated with Aversive Arousal in Rats: An Integrative Approach. Brain Sciences, 2023, 13, 60. | 1.1 | 0 |
| 2187 | Ventral pallidal regulation of motivated behaviors and reinforcement. Frontiers in Neural Circuits, 0, 17, . | 1.4 | 9 |
| 2188 | Contextual fear expression engages a complex set of interactions between ventromedial prefrontal cortex cholinergic, glutamatergic, nitrergic and cannabinergic signaling. Neuropharmacology, 2023, 232, 109538. | 2.0 | 2 |
| 2190 | Interregional phase-amplitude coupling between theta rhythm in the nucleus tractus solitarius and high-frequency oscillations in the hippocampus during REM sleep in rats. Sleep, 2023, 46, . | 0.6 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2191 | Functional contribution of mesencephalic locomotor region nuclei to locomotor recovery after spinal cord injury. <i>Cell Reports Medicine</i> , 2023, 4, 100946. | 3.3 | 4 |
| 2192 | Age-related changes in basal forebrain afferent activation in response to food paired stimuli. <i>Neuroscience Letters</i> , 2023, 802, 137155. | 1.0 | 0 |
| 2193 | The PPN and motor control: Preclinical studies to deep brain stimulation for Parkinson's disease. <i>Frontiers in Neural Circuits</i> , 0, 17, . | 1.4 | 6 |
| 2194 | Cadmium-promoted thyroid hormones disruption mediates ROS, inflammation, A β and Tau proteins production, gliosis, spongiosis and neurodegeneration in rat basal forebrain. <i>Chemico-Biological Interactions</i> , 2023, 375, 110428. | 1.7 | 5 |
| 2195 | Nicotinic cholinergic regulation of olfactory bulb blood flow response in aged rats. <i>Journal of Physiological Sciences</i> , 2023, 73, . | 0.9 | 1 |
| 2196 | Acetylcholine regulation of GnRH neuronal activity: A circuit in the medial septum. <i>Frontiers in Endocrinology</i> , 0, 14, . | 1.5 | 1 |
| 2197 | Hippocampal non-theta state: The 'Janus face' of information processing. <i>Frontiers in Neural Circuits</i> , 0, 17, . | 1.4 | 1 |
| 2198 | The cholinergic basal forebrain provides a parallel channel for state-dependent sensory signaling to auditory cortex. <i>Nature Neuroscience</i> , 2023, 26, 810-819. | 7.1 | 8 |
| 2199 | Brainstem neural mechanisms controlling locomotion with special reference to basal vertebrates. <i>Frontiers in Neural Circuits</i> , 0, 17, . | 1.4 | 1 |
| 2200 | Basal forebrain atrophy along the Alzheimer's disease continuum in adults with Down syndrome. <i>Alzheimer's and Dementia</i> , 2023, 19, 4817-4827. | 0.4 | 4 |
| 2204 | Cannabinoids and endocannabinoid signaling at the basal forebrain cholinergic system. , 2023, , 417-430. | | 0 |
| 2205 | Turning the Spotlight to Cholinergic Pharmacotherapy of the Human Language System. <i>CNS Drugs</i> , 2023, 37, 599-637. | 2.7 | 1 |
| 2213 | Rhombomere 11 r11. , 2023, , 75-138. | | 0 |
| 2214 | Rhombomere 1 r1. , 2023, , 391-436. | | 0 |
| 2221 | Early Detection of Parkinson's Disease Dementia Using Dual-Sided Multi-scale Convolutional Neural Networks (DSMS-CNN). <i>Lecture Notes in Electrical Engineering</i> , 2023, , 191-201. | 0.3 | 0 |