## Nicotinic and muscarinic subtypes in the human brain:

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Citation Report

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Neonatal nicotine exposure induces permanent changes in brain nicotinic receptors and behaviour in adult mice. Developmental Brain Research, 1991, 63, 201-207.   | 2.1 | 79        |
| 2  | Biological markers and the cholinergic hypothesis in Alzheimer's disease. Acta Neurologica<br>Scandinavica, 1992, 85, 54-58.  | 1.0 | 47        |
| 3  | Effects of nucleus basalis lesion on muscarinic receptor subtypes. Experimental Brain Research, 1993, 97, 225-32.   | 0.7 | 15        |
| 4  | Decline in Response to Nicotine in Aged Rat Striatum: Correlation with a Decrease in a Subpopulation of Nicotinic Receptors. Journal of Neurochemistry, 1993, 61, 2225-2232.  | 2.1 | 22        |
| 5  | Differential effects of scopolamine and mecamylamine on working and reference memory in the rat.<br>Pharmacology Biochemistry and Behavior, 1993, 45, 533-538.  | 1.3 | 64        |
| 6  | The competition of (?)-[3H]nicotine binding by the enantiomers of nicotine, nornicotine and anatoxin-a<br>in membranes and solubilized preparations of different brain regions of rat. Naunyn-Schmiedeberg's<br>Archives of Pharmacology, 1993, 348, 28-34. | 1.4 | 43        |
| 7  | Muscarinic and nicotinic receptor changes in the cortex and thalamus of brains of chronic alcoholics. Brain Research, 1993, 620, 42-48.   | 1.1 | 24        |
| 8  | Clinical studies in Alzheimer patients with positron emission tomography. Behavioural Brain<br>Research, 1993, 57, 215-224.   | 1.2 | 67        |
| 9  | Age-related changes in human muscarinic acetylcholine receptors measured by positron emission tomography. Neuroscience Letters, 1993, 149, 225-228.   | 1.0 | 63        |
| 10 | In Vivo Detection of Neurotransmitter Changes in Alzheimer's Diseasea. Annals of the New York<br>Academy of Sciences, 1993, 695, 27-33.   | 1.8 | 30        |
| 11 | Chapter 6: CNS distribution of cholinergic receptors - some questions from a clinical neuroscientist.<br>Progress in Brain Research, 1993, 98, 73-75.   | 0.9 | 1         |
| 12 | In vivo metabolic studies of thetrans-(R,R) isomer of radioiodinated IQNP: A new ligand with high affinity for the M1 muscarinic-cholinergic receptor. European Journal of Nuclear Medicine and Molecular Imaging, 1994, 21, 1293-1297.                     | 2.2 | 6         |
| 13 | Synthesis and biological evaluation of iodine-125 iodocaramiphen. A potential M1 muscarinic imaging agent for SPECT. Journal of Labelled Compounds and Radiopharmaceuticals, 1994, 34, 239-246.   | 0.5 | 3         |
| 14 | Area specific alterations in muscarinic stimulated low Km GTPase activity in aging and Alzheimer's disease: implications for altered signal transduction. Brain Research, 1994, 664, 54-60.   | 1.1 | 33        |
| 15 | Neurotransmitter receptor plasticity in aging. Life Sciences, 1994, 55, 1985-1991.  | 2.0 | 25        |
| 16 | Cancer versus Alzheimer risks. Health is not mortal. Biomedicine and Pharmacotherapy, 1994, 48, 273.  | 2.5 | 0         |
| 17 | Human nicotinic receptors—Their role in aging and dementia. Neurochemistry International, 1994, 25,<br>93-97.   | 1.9 | 109       |
| 18 | Chapter 9 The central cholinergic system during aging. Progress in Brain Research, 1994, 100, 67-71.  | 0.9 | 62        |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Genetic and environmental aspects of the role of nicotinic receptors in neurodegenerative disorders:<br>Emphasis on Alzheimer's disease and Parkinson's disease. Behavior Genetics, 1995, 25, 149-159.                                       | 1.4 | 88        |
| 20 | Nicotine patches in Alzheimer's disease: Pilot study on learning, memory, and safety. Pharmacology<br>Biochemistry and Behavior, 1995, 51, 509-514.  | 1.3 | 188       |
| 21 | Diminution of preprosomatostatin-mRNA in cerebral cortex of the aged rat. Neurochemistry<br>International, 1995, 27, 481-487.  | 1.9 | 1         |
| 22 | The Pharmacotherapy of Alzheimer's Disease Based on the Cholinergic Hypothesis: an Update.<br>Experimental Neurology, 1995, 4, 349-356.  | 1.7 | 96        |
| 23 | Long-term effects of bifemelane hydrochloride on post-stroke deterioration of cognitive function and cerebral blood flow. Current Therapeutic Research, 1995, 56, 231-238.   | 0.5 | 0         |
| 24 | Muscarinic M1-Receptor Agonists. CNS Drugs, 1995, 3, 467-481.  | 2.7 | 14        |
| 25 | Cholinergic markers in aged cognitively impaired long-evans rats. Neuroscience, 1995, 67, 277-292.   | 1.1 | 75        |
| 26 | Potassium, but not atropine-stimulated cortical acetylcholine efflux, is reduced in aged rats.<br>Neurobiology of Aging, 1996, 17, 565-571.  | 1.5 | 37        |
| 27 | Evaluation of 1-azabicyclo[2.2.2]oct-3-yl α-fluoroalkyl-α-hydroxy-α-phenylacetates as potential ligands for<br>the study of muscarinic receptor density by positron emission tomography. Nuclear Medicine and<br>Biology, 1996, 23, 267-276. | 0.3 | 4         |
| 28 | Acute and chronic nicotine effects on working memory in aged rats. Psychopharmacology, 1996, 123, 88-97.   | 1.5 | 146       |
| 29 | Application of PET in dementia disorders. Acta Neurologica Scandinavica, 1996, 94, 71-76.  | 1.0 | 34        |
| 30 | Aging, Smoking and EEG Coherence: A Preliminary Study. Clinical EEG (electroencephalography), 1997, 28, 236-244.   | 0.9 | 18        |
| 31 | Aging, Smoking and Hemispheric EEG Asymmetry. Canadian Journal on Aging, 1997, 16, 647-664.  | 0.6 | 7         |
| 32 | Chapter 9 Changes in Neurotransmitter Signal Transduction Pathways in the Aging Brain. Advances in<br>Cell Aging and Gerontology, 1997, , 243-278.   | 0.1 | 6         |
| 33 | Expression of α4-1 and α5 Nicotinic Cholinoceptor mRNA in the Aging Rat Cerebral Cortex. Neurobiology of Aging, 1997, 18, 335-342.   | 1.5 | 14        |
| 34 | Cholinergic activity and amyloid precursor protein metabolism. Brain Research Reviews, 1997, 25, 50-69.  | 9.1 | 118       |
| 35 | Human neuronal nicotinic receptors. Progress in Neurobiology, 1997, 53, 199-237.   | 2.8 | 391       |
| 36 | Effect of stimulation of nicotinic cholinergic receptors on cortical cerebral blood flow and changes in the effect during aging in anesthetized rats. Neuroscience Letters, 1997, 228, 203-206.  | 1.0 | 70        |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Nicotinic receptors, muscarinic receptors and choline acetyltransferase activity in the temporal cortex of Alzheimer patients with differing apolipoprotein E genotypes. Neuroscience Letters, 1997, 232, 37-40.   | 1.0 | 40        |
| 38 | Is Binding to Nicotinic Acetylcholine and Dopamine Receptors Related to Working Memory in Rats?.<br>Brain Research Bulletin, 1997, 43, 295-304.  | 1.4 | 29        |
| 39 | Heme from Alzheimer's brain inhibits muscarinic receptor binding via thiyl radical generation1An<br>abstract of some of these findings was published in Mol. Biol. Cell, 7:S (1996) #3765.1. Brain Research,<br>1997, 764, 93-100.   | 1.1 | 33        |
| 40 | Functional and neurobiological similarities of aging in monkeys and humans. Age, 1997, 20, 29-44.  | 3.0 | 16        |
| 41 | Synthesis of 3-[(1-[11C]methyl-2(S)-pyrrolidinyl) methoxy]pyridine and 3-[(1-[11C]methyl-2(R)-pyrrolidinyl)<br>methoxy]pyridine: Radioligands for in vivo studies of neuronal nicotinic acetylcholine receptors.<br>Journal of Labelled Compounds and Radiopharmaceuticals, 1997, 39, 425-431.                                   | 0.5 | 10        |
| 42 | Autoradiographic distribution of M1, M2, M3, and M4 muscarinic receptor subtypes in Alzheimer's disease. , 1997, 26, 341-350.  |     | 98        |
| 43 | [125/123I]IPH: A radioiodinated analog of epibatidine for in vivo studies of nicotinic acetylcholine receptors. , 1997, 26, 392-399.   |     | 52        |
| 44 | Alterations with aging and ischemia in nicotinic acetylcholine receptor subunits α4 and β2 messenger<br>RNA expression in postmortem human putamen. Implications for susceptibility to parkinsonism. Brain<br>Research, 1998, 791, 186-190.  | 1.1 | 40        |
| 45 | Regional distribution of subtypes of nicotinic receptors in human brain and effect of aging studied by<br>(±)-[]. Brain Research, 1998, 801, 143-149.  | 1.1 | 92        |
| 46 | Regional distribution of nicotinic receptors during prenatal development of human brain and spinal cord. Developmental Brain Research, 1998, 108, 147-160.   | 2.1 | 145       |
| 47 | Combined Nicotinic and Muscarinic Blockade in Elderly Normal Volunteers: Cognitive, Behavioral, and<br>Physiologic Responses. Neuropsychopharmacology, 1998, 19, 60-69.  | 2.8 | 57        |
| 48 | Expression of nicotinic receptor a and $\hat{l}^2$ subunits in the prenatal and aged human brain. Journal of Physiology (Paris), 1998, 92, 438-439.  | 2.1 | Ο         |
| 49 | Resolution, in vitro and in vivo evaluation of fluorine-18-labeled isomers of<br>1-azabicyclo[2.2.2]oct-3-ylî±-(1-fluoropent-5-yl)î±-hydroxy-î±-phenylacetate (FQNPe) as new PET candidates for<br>the imaging of muscarinic-cholinergic receptor. Journal of Labelled Compounds and<br>Radiopharmaceuticals, 1998, 41, 681-704. | 0.5 | 4         |
| 50 | Correlation of nicotinic binding with neurochemical markers in Alzheimer's disease. Journal of Neural Transmission, 1998, 105, 709-717.  | 1.4 | 36        |
| 51 | Nicotinic acetylcholine involvement in cognitive function in animals. Psychopharmacology, 1998, 138, 217-230.  | 1.5 | 646       |
| 52 | Age-related changes in rodent cortical acetylcholine and cognition: main effects of age versus age as an intervening variable. Brain Research Reviews, 1998, 27, 143-156.  | 9.1 | 68        |
| 53 | Distribution of mRNA for the α4 subunit of the nicotinic acetylcholine receptor in the human fetal<br>brain. Molecular Brain Research, 1998, 58, 123-131.  | 2.5 | 43        |
| 54 | Expression of the α3 nicotinic receptor subunit mRNA in aging and Alzheimer's disease. Molecular Brain<br>Research, 1998, 63, 72-78.   | 2.5 | 48        |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Aging Effects on the Startle Response and Startle Plasticity in Fischer F344 Rats. Neurobiology of Aging, 1998, 19, 243-251.   | 1.5 | 29        |
| 56 | Age-related changes in nicotinic acetylcholine receptor subunits α4 and β2 messenger RNA expression in postmortem human frontal cortex and hippocampus. Neuroscience Letters, 1998, 245, 139-142.  | 1.0 | 53        |
| 57 | Laminar distribution of nicotinic receptor subtypes in human cerebral cortex as determined by<br>[3H](-)nicotine, [3H]cytisine and [3H]epibatidine in vitro autoradiography. Neuroscience, 1998, 85,<br>1121-1133.   | 1.1 | 54        |
| 58 | Pharmacological evaluation of [11C]A-84543: An enantioselective ligand for in vivo studies of neuronal nicotinic acetylcholine receptors. Life Sciences, 1998, 63, PL13-PL18.  | 2.0 | 28        |
| 59 | In vivo imaging of brain nicotinic acetylcholine receptors with 5-[1231]iodo-A-85380 using single photon emission computed tomography. Life Sciences, 1998, 63, PL355-PL360.   | 2.0 | 53        |
| 60 | Smoking History and Aging-Associated Cognitive Decline:An Event-Related Brain Potential Study.<br>Neuropsychobiology, 1999, 40, 95-106.  | 0.9 | 12        |
| 61 | Neuropharmacology and Receptor Studies in the Elderly. Journal of Geriatric Psychiatry and Neurology, 1999, 12, 137-149.   | 1.2 | 9         |
| 62 | Expression of nicotinic acetylcholine receptor subunits in the cerebral cortex in Alzheimer's disease:<br>histotopographical correlation with amyloid plaques and hyperphosphorylated-tau protein. European<br>Journal of Neuroscience, 1999, 11, 2551-2565. | 1.2 | 144       |
| 63 | Diminution of nicotinic receptor alpha 3 subunit mRNA expression in aged rat brain. Developmental<br>Brain Research, 1999, 118, 153-158.   | 2.1 | 7         |
| 64 | The cholinergic hypothesis of Alzheimer's disease: a review of progress. Journal of Neurology,<br>Neurosurgery and Psychiatry, 1999, 66, 137-147.  | 0.9 | 1,714     |
| 65 | Synthesis of an I-123 analog of A-85380 and preliminary SPECT imaging of nicotinic receptors in baboon.<br>Nuclear Medicine and Biology, 1999, 26, 201-207.  | 0.3 | 62        |
| 66 | A rapid and simple Sep Pak method for purification of radioiodinated IQNP, a high affinity ligand for<br>the muscarinic receptor. Nuclear Medicine and Biology, 1999, 26, 859-863.   | 0.3 | 2         |
| 67 | Age-related attenuation of stimulated cortical acetylcholine release in basal forebrain-lesioned rats.<br>Neuroscience, 1999, 90, 793-802.   | 1.1 | 26        |
| 68 | Autoradiographic comparison of [3H](â^')nicotine, [3H]cytisine and [3H]epibatidine binding in relation<br>to vesicular acetylcholine transport sites in the temporal cortex in Alzheimer's disease.<br>Neuroscience, 1999, 94, 685-696.                      | 1.1 | 43        |
| 69 | Age and species-dependent differences in the neurokinin B system in rat and human brain.<br>Neurobiology of Aging, 1999, 20, 19-35.  | 1.5 | 24        |
| 70 | Regional distribution of nicotinic receptor subunit mRNAs in human brain: comparison between Alzheimer and normal brain. Molecular Brain Research, 1999, 66, 94-103.   | 2.5 | 180       |
| 71 | Nicotine improves memory in an object recognition task in rats. European Neuropsychopharmacology, 1999, 9, 323-327.  | 0.3 | 88        |
| 72 | Reduced High-Affinity Agonist Binding at the M1 Muscarinic Receptor in Alzheimer's Disease Brain:<br>Differential Sensitivity to Agonists and Divalent Cations. Experimental Neurology, 1999, 158, 451-458.  | 2.0 | 29        |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Allosteric Modulation of Nicotinic Receptors as a Treatment Strategy for Alzheimer's Disease.<br>Dementia and Geriatric Cognitive Disorders, 2000, 11, 11-18.   | 0.7 | 85        |
| 75 | Nicotinic receptors in dementia of Alzheimer, Lewy body and vascular types. Acta Neurologica<br>Scandinavica, 2000, 102, 34-41.   | 1.0 | 52        |
| 76 | Nicotinic receptor subtypes in human brain ageing, Alzheimer and Lewy body diseases. European<br>Journal of Pharmacology, 2000, 393, 215-222.   | 1.7 | 172       |
| 77 | Neuronal nicotinic receptors, important new players in brain function. European Journal of<br>Pharmacology, 2000, 393, 3-10.  | 1.7 | 101       |
| 78 | Geriatric Psychopharmacology: Why Does Age Matter?. Harvard Review of Psychiatry, 2000, 7, 311-333.   | 0.9 | 25        |
| 79 | Acute Nicotine Administration in Alzheimer's Disease: An Exploratory EEG Study. Neuropsychobiology,<br>2000, 41, 210-220.   | 0.9 | 20        |
| 80 | Chronic treatment of old rats with donepezil or galantamine: effects on memory, hippocampal plasticity and nicotinic receptors. Neuroscience, 2000, 99, 17-23.  | 1.1 | 188       |
| 81 | Nicotinic acetylcholine receptors during prenatal development and brain pathology in human aging.<br>Behavioural Brain Research, 2000, 113, 159-168.  | 1.2 | 87        |
| 82 | Drugs selective for nicotinic receptor subtypes: a real possibility or a dream?. Behavioural Brain<br>Research, 2000, 113, 183-192.   | 1.2 | 52        |
| 83 | Human post-mortem striatal α4β2 nicotinic acetylcholine receptor density in schizophrenia and<br>Parkinson's syndrome. Neuroscience Letters, 2000, 287, 109-112.  | 1.0 | 104       |
| 84 | Effects of age on cholinergic vasodilation of cortical cerebral blood vessels in rats. Neuroscience<br>Letters, 2000, 294, 109-112.   | 1.0 | 45        |
| 85 | Nicotinic receptor losses in dementia with Lewy bodies: comparisons with Alzheimer's disease.<br>Neurobiology of Aging, 2000, 21, 741-746.  | 1.5 | 47        |
| 86 | Synthesis and in vivo evaluation of (E)-N-[11C]Methyl-4- (3-pyridinyl)-3-butene-1-amine<br>([11C]metanicotine) as a nicotinic receptor radioligand. Nuclear Medicine and Biology, 2000, 27, 415-418.  | 0.3 | 7         |
| 87 | Evaluation of Z-(R,R)-IQNP for the potential imaging of m2 mAChR rich regions of the brain and heart.<br>Life Sciences, 2000, 66, 885-896.  | 2.0 | 8         |
| 88 | Cholinergic Treatments of Alzheimer's Disease. , 2001, , 475-486.   |     | 4         |
| 89 | Say NO to Alzheimer's disease: the putative links between nitric oxide and dementia of the Alzheimer's type. Brain Research Reviews, 2001, 35, 73-96.   | 9.1 | 284       |
| 90 | Stereoselective synthesis, in vitro , and initial in vivo evaluation of 1-methylpiperidin-4-yl<br>α-hydroxy-α-(1-iodo-1-propen-3-yl)-α-phenylacetate (IPIP): a novel radioiodinated molecular probe with high<br>affinity for the muscarinic receptor. Nuclear Medicine and Biology, 2001, 28, 959-973. | 0.3 | 0         |
| 91 | [ 125/123 I] 5-Iodo-3-pyridyl ethers. Nuclear Medicine and Biology, 2001, 28, 911-921.  | 0.3 | 15        |

ARTICLE IF CITATIONS # Expression of nicotinic acetylcholine receptors in human and rat adrenal medulla. Life Sciences, 2001, 2.0 34 92 70, 577-590. Growth Hormone, Insulin-like Growth Factor-1, and the Aging Brain., 2001, , 907-928. Targeting Cerebral Muscarinic Acetylcholine Receptors with Radioligands for Diagnostic Nuclear 94 1 Medicine Studies. , 2001, , 17-38. SPET imaging of central muscarinic acetylcholine receptors with iodine-123 labelled E-IQNP and Z-IQNP. 2.2 95 European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 13-24. Correlation of nicotinic receptor binding with clinical and neuropathological changes in 96 1.4 24 Alzheimer's disease and dementia with Lewy bodies. Journal of Neural Transmission, 2001, 108, 1149-1157. Does apolipoprotein E (Apo-E) genotype influence nicotinic receptor binding in Alzheimer's disease. Journal of Neural Transmission, 2001, 108, 1043-1050. 1.4 The developing cholinergic system as target for environmental toxicants, nicotine and polychlorinated biphenyls (PCBs): Implications for neurotoxicological processes in mice. 98 1.3 49 Neurotoxicity Research, 2001, 3, 37-51. Decreased Protein Levels of Nicotinic Receptor Subunits in the Hippocampus and Temporal Cortex of 99 2.1 243 Patients with Alzheimer's Disease. Journal of Neurochemistry, 2001, 74, 237-243. Assessment of muscarinic receptor concentrations in aging and Alzheimer disease with [11C]NMPB and 100 0.6 69 PET. Synapse, 2001, 39, 275-287. Cholinergic Activity in Autism: Abnormalities in the Cerebral Cortex and Basal Forebrain. American Journal of Psychiatry, 2001, 158, 1058-1066. The nicotinic acetylcholine receptor, smoking, and Alzheimer's disease. Journal of Alzheimer's Disease, 103 1.2 52 2002, 4, 317-325. The rationale behind cholinergic drug treatment for dementia related to cerebrovascular disease. 104 Journal of the Neurological Sciences, 2002, 203-204, 131-136. Cholinergic Nicotinic Systems in Alzheimer??s Disease. CNS Drugs, 2002, 16, 485-500. 105 2.7 11 Muscarinic M1receptor agonists and M2receptor antagonists as therapeutic targets in Alzheimer's 2.4 disease. Expert Opinion on Therapeutic Patents, 2002, 12, 863-870. Regulation of cerebral cortical blood flow by the basal forebrain cholinergic fibers and aging. 107 1.4 45 Autonomic Neuroscience: Basic and Clinical, 2002, 96, 13-19. Alzheimer's disease and the basal forebrain cholinergic system: relations to β-amyloid peptides, 2.8 cognition, and treatment strategies. Progress in Neurobiology, 2002, 68, 209-245. Effects of Age, Postmortem Delay and Storage Time on Receptor-mediated Activation of G-proteins in 109 2.8 42 Human Brain. Neuropsychopharmacology, 2002, 26, 468-478. Role of amyloid ? peptides in the regulation of central cholinergic function and its relevance to 1.4 Alzheimer's disease pathology. Drug Development Research, 2002, 56, 248-263.

|     | Сіта   | TION REPORT |           |
|-----|--|-------------|-----------|
| #   | Article  | IF          | CITATIONS |
| 111 | Evaluation of radioiodinatedS-iodo-3-(2(S)-anotidinyimethoxy)pyridine as a ligand for SPECT investigations of brain nicotinic acetylcholine receptors. Annals of Nuclear Medicine, 2002, 16, 189-200.  | 1.2         | 39        |
| 112 | Chronic treatments with tacrine and (â^')-nicotine induce different changes of nicotinic and muscarinic acetylcholine receptors in the brain of aged rat. Journal of Neural Transmission, 2002, 109, 377-392.                                      | 1.4         | 25        |
| 113 | The cholinergic pathology in Alzheimer's disease - discrepancies between clinical experience and pathophysiological findings. Journal of Neural Transmission, 2002, 109, 1003-1013.  | 1.4         | 80        |
| 114 | Mechanism of nicotine-evoked release of [3 H]-noradrenaline in human cerebral cortex slices. British<br>Journal of Pharmacology, 2002, 137, 1063-1070.   | 2.7         | 14        |
| 115 | Quantification of nicotinic acetylcholine receptors in human brain using [123I]5-I-A-85380 SPET.<br>European Journal of Nuclear Medicine and Molecular Imaging, 2003, 30, 1620-1629.   | 3.3         | 45        |
| 116 | Synthesis of [18F]3-[1-(3-fluoropropyl)-(S)-pyrrolidin-2-ylmethoxy]pyridine ([18F]NicFP): a potential?4?2<br>nicotinic acetylcholine receptor radioligand for PET. Journal of Labelled Compounds and<br>Radiopharmaceuticals, 2003, 46, 1261-1268. | 2 0.5       | 4         |
| 117 | In vivo muscarinic 2 receptor imaging in cognitively normal young and older volunteers. Synapse, 2003, 48, 39-44.  | 0.6         | 64        |
| 118 | DHA-enriched phospholipid diets modulate age-related alterations in rat hippocampus. Neurobiology of Aging, 2003, 24, 233-243.   | 1.5         | 95        |
| 119 | Neurotransmitter Abnormalities in Vascular Dementia. International Psychogeriatrics, 2003, 15, 81-87.  | 0.6         | 19        |
| 120 | Executive and social behaviors under nicotinic receptor regulation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9596-9601.   | 3.3         | 157       |
| 121 | Effects of donepezil treatment on rat nicotinic acetylcholine receptor levels in vivo and in vitro.<br>Journal of Alzheimer's Disease, 2004, 5, 429-436.   | 1.2         | 17        |
| 122 | Amyloid β peptides and central cholinergic neurons: functional interrelationship and relevance to<br>Alzheimer's disease pathology. Progress in Brain Research, 2004, 145, 261-274.  | 0.9         | 31        |
| 123 | Cholinergic modulation of microglial activation by α7 nicotinic receptors. Journal of Neurochemistry, 2004, 89, 337-343.   | 2.1         | 498       |
| 124 | Association of a salivary acetylcholinesterase with Alzheimer's disease and response to cholinesterase inhibitors. Clinical Biochemistry, 2004, 37, 98-104.  | 0.8         | 76        |
| 125 | Decrease in GTP-sensitive high affinity agonist binding of muscarinic acetylcholine receptors in<br>autopsied brains of dementia with Lewy bodies and Alzheimer's disease. Journal of the Neurological<br>Sciences, 2004, 223, 145-148.            | 0.3         | 10        |
| 126 | Neuronal nicotinic receptors: from structure to pathology. Progress in Neurobiology, 2004, 74, 363-396.  | 2.8         | 848       |
| 127 | SPET imaging of central muscarinic receptors with (R,R)[123I]-I-QNB: methodological considerations.<br>Nuclear Medicine and Biology, 2004, 31, 583-590.  | 0.3         | 24        |
| 128 | Post-training intrahippocampal infusion of nicotine prevents spatial memory retention deficits<br>induced by the cyclo-oxygenase-2-specific inhibitor celecoxib in rats. Journal of Neurochemistry, 2005,<br>95, 1078-1090.                        | 2.1         | 54        |

ARTICLE IF CITATIONS In vivo imaging of muscarinic receptors in the aging female brain with (,)[I]-I-QNB and single photon 129 1.2 29 emission tomography. Experimental Gerontology, 2005, 40, 137-145. Genes involved in Alzheimer's disease, a survey of possible candidates. Journal of Alzheimer's Disease, 1.2 2005, 7, 331-353. Metabolic Patterns Associated With the Clinical Response to Galantamine Therapy. Archives of 131 4.9 109 Neurology, 2005, 62, 721. Acetylcholinergic neurotransmission and the β-amyloid cascade: implications for Alzheimer's disease. 24 Expert Review of Neurotherapeutics, 2005, 5, 277-284. Neurochemistry of severe dementia. Reviews in Clinical Gerontology, 2005, 15, 105-123. 133 0.5 1 Structural Determinants of Â4Â2 Nicotinic Acetylcholine Receptor Trafficking. Journal of Neuroscience, 1.7 2005, 25, 6676-6686. Chronic nicotine administration exacerbates tau pathology in a transgenic model of Alzheimer's 135 disease. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3.3 188 3046-3051. Effect of repeated nicotine exposure on high-affinity nicotinic acetylcholine receptor density in 1.0 spontaneously hypertensive rats. Neuroscience Letters, 2005, 382, 158-163. Neuro-modulation, aminergic neuro-disinhibition and neuro-degeneration.. Medical Hypotheses, 2005, 137 0.8 20 65, 1106-1119. Aging and subcellular localization of m2 muscarinic autoreceptor in basalocortical neurons in vivo. 1.5 Neurobiology of Aging, 2005, 26, 1061-1072. Simplified quantification of nicotinic receptors with 2[18F]F-A-85380 PET. Nuclear Medicine and 139 0.3 41 Biology, 2005, 32, 585-591. M1 Receptors Play a Central Role in Modulating AD-like Pathology in Transgenic Mice. Neuron, 2006, 3.8 383 49.671-682. Muscarinic and nicotinic receptors synergistically modulate working memory and attention in 141 1.0 126 humans. International Journal of Neuropsychopharmacology, 2006, 9, 175. PET imaging of cortical 11C-nicotine binding correlates with the cognitive function of attention in 142 1.5 128 Alzheimerâĕ™s disease. Psychopharmacology, 2006, 188, 509-520 143 Altered synaptic function in Alzheimer's disease. European Journal of Pharmacology, 2006, 545, 11-21. 1.7 95 Acetylcholine Receptors and Tau Phosphorylation. Current Molecular Medicine, 2006, 6, 423-428. 144 33 Pharmacology of Acetylcholinesterase Inhibitors and N-methyl-D-aspartate Receptors for Combination 145 1.0 69 Therapy in the Treatment of Alzheimer's Disease. Journal of Clinical Pharmacology, 2006, 46, 8S-16S. Retinoic acid and nerve growth factor induce differential regulation of nicotinic acetylcholine 1.3 receptor subunit expression in SN56 cells. Journal of Neuroscience Research, 2007, 85, 504-514.

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 148 | Electronic structure calculations toward new potentially AChE inhibitors. Chemical Physics Letters, 2007, 446, 304-308.   | 1.2 | 14        |
| 149 | Modeling behavioral and neuronal symptoms of Alzheimer's disease in mice: A role for intraneuronal amyloid. Neuroscience and Biobehavioral Reviews, 2007, 31, 125-147.  | 2.9 | 202       |
| 150 | The role of the nicotinic acetylcholine receptors in sleep-related epilepsy. Biochemical Pharmacology, 2007, 74, 1308-1314.   | 2.0 | 99        |
| 151 | Changes in brain 11C–nicotine binding sites in patients with mild Alzheimer's disease following<br>rivastigmine treatment as assessed by PET. Psychopharmacology, 2007, 191, 1005-1014.   | 1.5 | 57        |
| 152 | Imaging of Cholinergic and Monoaminergic Neurochemical Changes in Neurodegenerative Disorders.<br>Molecular Imaging and Biology, 2007, 9, 243-257.  | 1.3 | 64        |
| 153 | The Application of Positron-Emitting Molecular Imaging Tracers in Alzheimer's Disease. Molecular<br>Imaging and Biology, 2007, 9, 204-216.  | 1.3 | 27        |
| 154 | Acetylcholine receptors in dementia and mild cognitive impairment. European Journal of Nuclear<br>Medicine and Molecular Imaging, 2008, 35, 30-45.  | 3.3 | 111       |
| 155 | Effects of cholinesterase inhibitors on rat nicotinic receptor levels in vivo and in vitro. Journal of<br>Neural Transmission, 2008, 115, 1437-1444.  | 1.4 | 14        |
| 156 | Synthesis and In-Vivo Evaluation of [11C]p-PVP-MEMA as a PET Radioligand for Imaging Nicotinic Receptors. Australian Journal of Chemistry, 2008, 61, 438.   | 0.5 | 5         |
| 157 | Relationship between nicotinic receptors and cognitive function in early Alzheimer's disease: A<br>2-[18F]fluoro-A-85380 PET study. Neurobiology of Learning and Memory, 2008, 90, 404-412.   | 1.0 | 56        |
| 158 | Chronic nicotine and dizocilpine effects on nicotinic and NMDA glutamatergic receptor regulation:<br>Interactions with clozapine actions and attentional performance in rats. Progress in<br>Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1030-1040. | 2.5 | 19        |
| 159 | Chapter 1 Cholinergic components of frontal lobe function and dysfunction. Handbook of Clinical<br>Neurology / Edited By P J Vinken and G W Bruyn, 2008, 88, 1-30.  | 1.0 | 2         |
| 160 | Neuronal Nicotinic Receptor Deficits in Alzheimer Patients with the Swedish Amyloid Precursor Protein 670/671 Mutation. Journal of Neurochemistry, 2008, 72, 1161-1169.   | 2.1 | 57        |
| 161 | Pharmacology of the Intracellular Pathways Activated by Amyloid Beta Protein. Mini-Reviews in<br>Medicinal Chemistry, 2009, 9, 724-740.   | 1.1 | 17        |
| 162 | M1 Agonists as a Potential Disease-Modifying Therapy for Alzheimers Disease. Current Alzheimer<br>Research, 2009, 6, 112-117.   | 0.7 | 56        |
| 163 | <sup>123</sup> I-5-IA-85380 SPECT Imaging of Nicotinic Receptors in Alzheimer Disease and Mild<br>Cognitive Impairment. Journal of Nuclear Medicine, 2009, 50, 1455-1463.   | 2.8 | 36        |
| 164 | Prenatal nicotine exposure alters medullary nicotinic and AMPA-mediated control of respiratory frequency in vitro. Respiratory Physiology and Neurobiology, 2009, 169, 1-10.  | 0.7 | 23        |
| 165 | Long-term nicotine treatment reduces cerebral cortical vasodilation mediated by α4β2-like nicotinic acetylcholine receptors in rats. European Journal of Pharmacology, 2009, 609, 100-104.  | 1.7 | 9         |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 166 | Cholinesterase inhibitors may increase phosphorylated tau in Alzheimer's disease. Journal of<br>Neurology, 2009, 256, 717-720.   | 1.8 | 33        |
| 167 | Galantamine-induced improvements in cognitive function are not related to alterations in α4β2<br>nicotinic receptors in early Alzheimer's disease as measured in vivo by 2-[18F]Fluoro-A-85380 PET.<br>Psychopharmacology, 2009, 202, 79-91. | 1.5 | 20        |
| 168 | The relationship between nicotinic receptors and cognitive functioning in healthy aging: An in vivo<br>positron emission tomography (PET) study with 2â€{ <sup>18</sup> F]fluoroâ€Aâ€85380. Synapse, 2009, 63,<br>752-763.                   | 0.6 | 22        |
| 169 | New potential AChE inhibitor candidates. European Journal of Medicinal Chemistry, 2009, 44, 3754-3759.   | 2.6 | 46        |
| 170 | Age-related decline in nicotinic receptor availability with [123I]5-IA-85380 SPECT. Neurobiology of Aging, 2009, 30, 1490-1497.  | 1.5 | 54        |
| 171 | Basal forebrain stimulation induces NGF secretion in ipsilateral parietal cortex via nicotinic receptor activation in adult, but not aged rats. Neuroscience Research, 2009, 63, 122-128.  | 1.0 | 52        |
| 172 | Central in Vivo Nicotinic Acetylcholine Receptor Imaging Agents for Positron Emission Tomography<br>(PET) and Single Photon Emission Computed Tomography (SPECT). Biological and Pharmaceutical<br>Bulletin, 2009, 32, 337-340.              | 0.6 | 18        |
| 173 | Cerebral Cortical Vasodilatation Mediated by Nicotinic Cholinergic Receptors: Effects of Old Age and of Chronic Nicotine Exposure. Biological and Pharmaceutical Bulletin, 2009, 32, 341-344.  | 0.6 | 21        |
| 174 | Cholinergic Central System, Alzheimer's Disease, and Anesthetics Liaison: A Vicious Circle?. Journal of<br>Alzheimer's Disease, 2010, 22, S35-S41.   | 1.2 | 17        |
| 175 | Alzheimer's Disease Amyloid β-Protein and Synaptic Function. NeuroMolecular Medicine, 2010, 12, 13-26.   | 1.8 | 122       |
| 176 | Aging of the autonomic nervous system and possible improvements in autonomic activity using somatic afferent stimulation. Geriatrics and Gerontology International, 2010, 10, S127-36.   | 0.7 | 118       |
| 177 | Quantification of Smoking-Induced Occupancy of β2-Nicotinic Acetylcholine Receptors: Estimation of Nondisplaceable Binding. Journal of Nuclear Medicine, 2010, 51, 1226-1233.  | 2.8 | 33        |
| 178 | M1 muscarinic receptor for the development of auditory cortical function. Molecular Brain, 2010, 3, 29.  | 1.3 | 17        |
| 179 | Intact cannabinoid CB1 receptors in the Alzheimer's disease cortex. Neurochemistry International, 2010, 57, 985-989.   | 1.9 | 59        |
| 180 | Specific inhibitory effect of amyloid-β on presynaptic muscarinic receptor subtypes modulating neurotransmitter release in the rat nucleus accumbens. Neuroscience, 2010, 167, 482-489.  | 1.1 | 17        |
| 181 | Beyond the Cholinergic Hypothesis: Do Current Drugs Work in Alzheimer's Disease?. CNS<br>Neuroscience and Therapeutics, 2010, 16, 235-245.   | 1.9 | 122       |
| 182 | Role of Vascular Risk Factors and Vascular Dysfunction in Alzheimer's Disease. Mount Sinai Journal of<br>Medicine, 2010, 77, 82-102.   | 1.9 | 181       |
| 183 | Cognitive Impairment in Acquired Brain Injury: A Predictor of Rehabilitation Outcomes and an Opportunity for Novel Interventions. PM and R, 2011, 3, S45-51.   | 0.9 | 40        |

|     |   | CITATION REPORT                               |     |           |
|-----|---|---|-----|-----------|
| #   | Article   |   | IF  | Citations |
| 184 | The history of the cholinergic hypothesis. Behavioural Brain Research, 2011, 221, 334-  | 340.  | 1.2 | 319       |
| 185 | Attenuation of neurodegenerative phenotypes in Alzheimer-like presenilin 1/presenilin double knockout mice by EUK1001, a promising derivative of xanomeline. Biochemical Research Communications, 2011, 410, 229-234.                   | 2 conditional<br>and Biophysical              | 1.0 | 25        |
| 186 | Compensatory responses to age-related decline in odor quality acuity: Cholinergic neu and olfactory enrichment. Neurobiology of Aging, 2011, 32, 2254-2265.   | romodulation                                  | 1.5 | 26        |
| 187 | Decreased $\hat{1}\pm4\hat{1}^22$ nicotinic receptor number in the absence of mRNA changes suggests regulation in the spontaneously hypertensive rat model of ADHD. Journal of Neurocher 240-250.                                       | s postâ€ŧranscriptional<br>mistry, 2011, 119, | 2.1 | 13        |
| 188 | Decreased cerebral α4β2* nicotinic acetylcholine receptor availability in patients with<br>impairment and Alzheimer's disease assessed with positron emission tomography.<br>Nuclear Medicine and Molecular Imaging, 2011, 38, 515-525. | mild cognitive<br>European Journal of         | 3.3 | 109       |
| 189 | Stress and the ?7 Nicotinic Acetylcholine Receptor. Current Drug Targets, 2012, 13, 60  | 07-612.                                       | 1.0 | 9         |
| 190 | Targeting Synaptic Dysfunction in Alzheimer's Disease Therapy. Molecular Neurob<br>572-587.   | iology, 2012, 46,                             | 1.9 | 80        |
| 191 | The nicotinic acetylcholine receptor: smoking and alzheimer's disease revisited. Frontie<br>Bioscience - Elite, 2012, E4, 169.  | ers in  | 0.9 | 9         |
| 192 | The missing link between long-term stimulation of nicotinic receptors and the increase acetylcholine release and vasodilation in the cerebral cortex of aged rats. Journal of Physiciences, 2013, 63, 95-101.                           |   | 0.9 | 5         |
| 193 | Thalamo-cortical mechanisms underlying changes in amplitude and frequency of huma oscillations. NeuroImage, 2013, 70, 150-163.  | in alpha                                      | 2.1 | 73        |
| 194 | Nicotine effects on attentional reorienting in mid-age adults, and interactions with apo<br>status. Journal of Psychopharmacology, 2013, 27, 1007-1014.   | olipoprotein E                                | 2.0 | 8         |
| 195 | Human Brain Imaging of Acetylcholine Receptors. , 2014, , 113-160.  |   |     | 0         |
| 196 | Cholinergic Vasodilative System in the Cerebral Cortex: Effects of Acupuncture and Ag<br>Journal of Acupuncture and Meridian Studies, 2014, 7, 173-179.   | ing. JAMS                                     | 0.3 | 2         |
| 197 | Nicotinic Receptors and Attention. Current Topics in Behavioral Neurosciences, 2015,  | 23, 103-135.                                  | 0.8 | 31        |
| 199 | Amyloid cascade hypothesis: Pathogenesis and therapeutic strategies in Alzheimer's d<br>Neuropeptides, 2015, 52, 1-18.  | isease.                                       | 0.9 | 405       |
| 200 | Transmitter Receptor Distribution in the Human Brain. , 2015, , 261-275.  |   |     | 21        |
| 201 | Wake-active neurons across aging and neurodegeneration: a potential role for sleep di promoting disease. SpringerPlus, 2015, 4, 25.   | sturbances in                                 | 1.2 | 41        |
| 202 | Episodic memory in normal aging and Alzheimer disease: Insights from imaging and be<br>Ageing Research Reviews, 2015, 24, 232-262.  | havioral studies.                             | 5.0 | 255       |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 203 | Neurogenic control of parenchymal arterioles in the cerebral cortex. Progress in Brain Research, 2016, 225, 3-39.  | 0.9 | 28        |
| 204 | RGS2 expression predicts amyloid-β sensitivity, MCI and Alzheimer's disease: genome-wide<br>transcriptomic profiling and bioinformatics data mining. Translational Psychiatry, 2016, 6, e909-e909.   | 2.4 | 23        |
| 205 | Mechanisms of Nicotine-Induced Neuroprotection: Inhibition of NADPH Oxidase and Subsequent<br>Proton Channel Activation by Stimulating α7 Nicotinic Acetylcholine Receptor in Activated Microglia.<br>Advances in Neuroimmune Biology, 2016, 6, 107-115.                     | 0.7 | 1         |
| 206 | Inhibited Expression of α4β2 Nicotinic Acetylcholine Receptor in Blood Leukocytes of Chinese Patients<br>with Vascular Dementia and in Blood Leukocytes as Well as the Hippocampus of Brain from Ischemic<br>Rats. Cellular and Molecular Neurobiology, 2016, 36, 1377-1387. | 1.7 | 1         |
| 207 | Practical Pharmacology for Alzheimer's Disease. , 2016, , .  |     | 2         |
| 208 | Potential Animal Models of Alzheimer Disease and Their Importance in Investigating the Pathogenesis of Alzheimer Disease. , 2016, , 77-111.  |     | 0         |
| 209 | Nicotine inhibits activation of microglial proton currents via interactions with α7 acetylcholine receptors. Journal of Physiological Sciences, 2017, 67, 235-245.   | 0.9 | 30        |
| 210 | Association between butyrylcholinesterase and cerebrospinal fluid biomarkers in Alzheimer's disease patients. Neuroscience Letters, 2017, 641, 101-106.  | 1.0 | 14        |
| 211 | Impact of ageing on postsynaptic neuronal nicotinic neurotransmission in auditory thalamus. Journal of Physiology, 2017, 595, 5375-5385.   | 1.3 | 22        |
| 212 | Functional activation of Gαq coupled to 5-HT2A receptor and M1 muscarinic acetylcholine receptor in postmortem human cortical membranes. Journal of Neural Transmission, 2017, 124, 1123-1133.   | 1.4 | 13        |
| 213 | Xanomeline derivative EUK1001 attenuates Alzheimer's disease pathology in a triple transgenic mouse<br>model. Molecular Medicine Reports, 2017, 16, 7835-7840.   | 1.1 | 5         |
| 214 | Geriatric Anesthesia: Age-Dependent Changes in the Central and Peripheral Nervous Systems. , 2018, ,<br>145-160.   |     | 0         |
| 215 | Cyto- and receptor architectonic mapping of the human brain. Handbook of Clinical Neurology /<br>Edited By P J Vinken and G W Bruyn, 2018, 150, 355-387.   | 1.0 | 43        |
| 216 | Non-conventional compounds with potential therapeutic effects against Alzheimer's disease. Expert<br>Review of Neurotherapeutics, 2019, 19, 375-395.   | 1.4 | 12        |
| 217 | Gi/o-Protein Coupled Receptors in the Aging Brain. Frontiers in Aging Neuroscience, 2019, 11, 89.  | 1.7 | 60        |
| 218 | Adolescent Vulnerability to Alcohol Use Disorder: Neurophysiological Mechanisms from Preclinical<br>Studies. Handbook of Experimental Pharmacology, 2019, 258, 421-442.  | 0.9 | 3         |
| 219 | Future Therapeutic Perspectives into the Alzheimer's Disease Targeting the Oxidative Stress<br>Hypothesis. Molecules, 2019, 24, 4410.  | 1.7 | 67        |
| 221 | The role of nicotinic cholinergic neurotransmission in delusional thinking. NPJ Schizophrenia, 2020,<br>6, 16.   | 2.0 | 31        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 222 | Mechanisms of GABAergic and cholinergic neurotransmission in auditory thalamus: Impact of aging.<br>Hearing Research, 2021, 402, 108003.   | 0.9 | 17        |
| 223 | (+)-[18F]Flubatine as a novel α4β2 nicotinic acetylcholine receptor PET ligand—results of the<br>first-in-human brain imaging application in patients with β-amyloid PET-confirmed Alzheimer's disease<br>and healthy controls. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 731-746. | 3.3 | 10        |
| 224 | Central Activation of Alpha7 Nicotinic Signaling Attenuates LPS-Induced Neuroinflammation and Sickness Behavior in Adult but Not in Aged Animals. Molecules, 2021, 26, 2107.   | 1.7 | 7         |
| 225 | Therapeutic Potential of Multifunctional Derivatives of Cholinesterase Inhibitors. Current<br>Neuropharmacology, 2021, 19, 1323-1344.  | 1.4 | 14        |
| 226 | Basal forebrain cholinergic system in the dementias: Vulnerability, resilience, and resistance. Journal of Neurochemistry, 2021, 158, 1394-1411.   | 2.1 | 42        |
| 227 | Multifaceted Alzheimer's Disease: Building a Roadmap for Advancement of Novel Therapies.<br>Neurochemical Research, 2021, 46, 2832-2851.   | 1.6 | 18        |
| 228 | Homomeric and Heteromeric α7 Nicotinic Acetylcholine Receptors in Health and Some Central Nervous<br>System Diseases. Membranes, 2021, 11, 664.  | 1.4 | 20        |
| 229 | Noninvasive Exploration of Nicotinic Acetylcholine Receptors In Vivo. Handbook of Experimental Pharmacology, 2000, , 539-561.  | 0.9 | 2         |
| 230 | Involvement of Neuronal Nicotinic Receptors in Disease. Handbook of Experimental Pharmacology, 2000, , 751-778.  | 0.9 | 2         |
| 231 | Neuronal Nicotinic Acetylcholine Receptors in Development and Aging. Handbook of Experimental Pharmacology, 2000, , 213-246.   | 0.9 | 2         |
| 232 | The neurochemistry of Alzheimer type, vascular type and mixed type dementias compared. Journal of<br>Neural Transmission Supplementum, 1996, 47, 73-101.   | 0.5 | 30        |
| 233 | The cholinergic deficit in Alzheimer's disease: impact on cognition, behaviour and function.<br>International Journal of Neuropsychopharmacology, 2000, 3, 3-12.   | 1.0 | 30        |
| 234 | Geriatric psychopharmacology: why does age matter?. Harvard Review of Psychiatry, 2000, 7, 311-333.  | 0.9 | 12        |
| 235 | Interactions between reproductive transitions during aging and addiction: promoting translational crosstalk between different fields of research. Behavioural Pharmacology, 2021, 32, 112-122.   | 0.8 | 2         |
| 236 | Effects of Stimulating the Nucleus Basalis of Meynert on Blood Flow and Delayed Neuronal Death<br>Following Transient Ischemia in the Rat Cerebral Cortex The Japanese Journal of Physiology, 2002, 52,<br>383-393.  | 0.9 | 38        |
| 237 | Multi-Target-Directed Ligands and other Therapeutic Strategies in the Search of a Real Solution for<br>Alzheimer's Disease. Current Neuropharmacology, 2014, 12, 2-36.   | 1.4 | 163       |
| 238 | Pharmacological models in Alzheimer's disease research. Dialogues in Clinical Neuroscience, 2000, 2, 247-255.  | 1.8 | 28        |
| 239 | Halogenated Coumarin–Chalcones as Multifunctional Monoamine Oxidase-B and<br>Butyrylcholinesterase Inhibitors. ACS Omega, 2021, 6, 28182-28193.  | 1.6 | 26        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 240 | Brain aging research at the close of the 20th century: from bench to bedside. Dialogues in Clinical Neuroscience, 2001, 3, 167-180.  | 1.8 | 4         |
| 241 | Dysfunction of the brain cholinergic system during aging and after lesions of the nucleus basalis of<br>Meynert. , 1994, 44, 189-194.  |     | 9         |
| 242 | Treatment of Alzheimer's Disease. , 1996, , .  |     | 0         |
| 243 | The Rationale for Development of Cholinergic Therapies in ad. Advances in Behavioral Biology, 1998, ,<br>445-450.  | 0.2 | 0         |
| 244 | Central Cholinergic Nervous System and Cholinergic Agents. Acta Medica (Hradec Kralove), 1998, 41,<br>99-108.  | 0.2 | 1         |
| 246 | Neurotransmitter receptors in Alzheimer's disease. , 2020, , 441-456.  |     | 0         |
| 247 | Revisiting Alzheimer's Disease. , 2020, , 137-155.   |     | 0         |
| 248 | Amyloid β-Peptide and Central Cholinergic Neurons: Involvement in Normal Brain Function and<br>Alzheimer's Disease Pathology. , 2007, , 159-178.                                 |     | 0         |
| 249 | Interactions between beta-amyloid and central cholinergic neurons: implications for Alzheimer's disease. Journal of Psychiatry and Neuroscience, 2004, 29, 427-41.               | 1.4 | 242       |
| 251 | Biological determinants impact the neurovascular toxicity of nicotine and tobacco smoke: A pharmacokinetic and pharmacodynamics perspective. NeuroToxicology, 2022, 89, 140-160. | 1.4 | 15        |
| 254 | Modulation of Muscarinic Signalling in the Central Nervous System by Steroid Hormones and Neurosteroids. International Journal of Molecular Sciences, 2023, 24, 507.             | 1.8 | 2         |