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Nucleus basalis of Meynert revisited: anatomy, history and differential involvement in Alzheimers and Parkinsons disease

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| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 217 | Differential expression of galanin in the cholinergic basal forebrain of patients with Lewy body disorders. 2015 , 3, 77 | | 12 |
| 216 | Cerebral Hypoperfusion and the Energy Deficit in Alzheimer's Disease. 2016 , 26, 607-17 | | 44 |
| 215 | Deficits in cholinergic neurotransmission and their clinical correlates in Parkinson's disease. 2016 , 2, 16 | 001 | 93 |
| 214 | Arborization patterns of amygdalopetal axons from the rat ventral pallidum. 2016, 221, 4549-4573 | | 1 |
| 213 | Neurogenic control of parenchymal arterioles in the cerebral cortex. 2016 , 225, 3-39 | | 24 |
| 212 | Dementia resulting from expansion of basilar artery aneurysm: two case reports and a review of the literature. 2016 , 158, 1901-5 | | |
| 211 | ARTAG in the basal forebrain: widening the constellation of astrocytic tau pathology. 2016 , 4, 59 | | 26 |
| 210 | Biomarkers for dementia and mild cognitive impairment in Parkinson's disease. 2016 , 31, 861-81 | | 78 |
| 209 | Acetylcholinesterase inhibitors and gait: a steadying hand?. 2016 , 15, 232-3 | | 6 |
| 208 | Electroencephalographic prodromal markers of dementia across conscious states in Parkinson's disease. 2016 , 139, 1189-99 | | 41 |
| 207 | Treatment of Dementia: Pharmacological Approaches. 2016 , 73-95 | | 1 |
| 206 | Deposition of amyloid In the walls of human leptomeningeal arteries in relation to perivascular drainage pathways in cerebral amyloid angiopathy. 2016 , 1862, 1037-46 | | 94 |
| 205 | Monoclonal antibody Py recognizes neurofilament heavy chain and is a selective marker for large diameter neurons in the brain. 2017 , 222, 867-879 | | 1 |
| 204 | Selective neuronal vulnerability in Parkinson disease. 2017 , 18, 101-113 | | 465 |
| 203 | Dementia in Parkinson's disease. 2017 , 374, 26-31 | | 76 |
| 202 | The Mechanisms of Action of Curcumin in Alzheimer's Disease. 2017 , 58, 1003-1016 | | 116 |
| 201 | Cholinergic neuron gene expression differences captured by translational profiling in a mouse model of Alzheimer's disease. 2017 , 57, 104-119 | | 16 |

| 200 | Real-time activation of central cholinergic circuits during recognition memory. 2017, 45, 1485-1489 | 14 |
|-----|--|-----|
| 199 | Intracranial atherosclerosis and dementia: The Atherosclerosis Risk in Communities (ARIC) Study. 2017 , 88, 1556-1563 | 36 |
| 198 | Pathology of behavior in PD: What is known and what is not?. 2017 , 374, 9-16 | 21 |
| 197 | Current understanding of the molecular mechanisms in Parkinson's disease: Targets for potential treatments. 2017 , 6, 28 | 199 |
| 196 | Quantification of brain cholinergic denervation in Alzheimer's disease using PET imaging with [F]-FEOBV. 2017 , 22, 1531-1538 | 62 |
| 195 | Damaged fiber tracts of the nucleus basalis of Meynert in Parkinson's disease patients with visual hallucinations. 2017 , 7, 10112 | 14 |
| 194 | Calcium, mitochondrial dysfunction and slowing the progression of Parkinson's disease. 2017 , 298, 202-209 | 54 |
| 193 | Parkinson's disease psychosis: presentation, diagnosis and management. 2017 , 7, 365-376 | 79 |
| 192 | Topographical projections from the nucleus basalis magnocellularis (Meynert) to the frontal cortex: A voltage-sensitive dye imaging study in rats. 2017 , 10, 977-980 | 8 |
| 191 | Neuropathology of Nonmotor Symptoms of Parkinson's Disease. 2017 , 133, 13-62 | 26 |
| 190 | Neuropsychiatric symptoms of cholinergic deficiency occur with degradation of the projections from the nucleus basalis of Meynert. 2017 , 11, 1707-1719 | 7 |
| 189 | Treatment of epilepsy in patients with Alzheimer's disease. 2017 , 17, 309-318 | 14 |
| 188 | Cholinergic profiles in the Goettingen miniature pig (Sus scrofa domesticus) brain. 2017, 525, 553-573 | 8 |
| 187 | Cholinergic Pathology in Dementia with Lewy Bodies. 2017 , 23-39 | 2 |
| 186 | Developmental specification of forebrain cholinergic neurons. 2017 , 421, 1-7 | 34 |
| 185 | Dementia with Lewy Bodies. 2017 , | 1 |
| 184 | Altered Functional Connectivity of the Basal Nucleus of Meynert in Mild Cognitive Impairment: A Resting-State fMRI Study. 2017 , 9, 127 | 20 |
| 183 | A Novel Model to Investigate the Underlying Mechanisms in Alzheimer's Disease. 2017 , 11, 291 | 5 |

| 182 | Basal Ganglia. 103-123 | 0 |
|-----|---|------------|
| 181 | Cholinergic forebrain density loss in Parkinson disease: More than just cognitive changes. 2018 , 90, 823-824 | 1 |
| 180 | EEG-based neurophysiological indicators of hallucinations in Alzheimer's disease: Comparison with dementia with Lewy bodies. 2018 , 67, 75-83 | 16 |
| 179 | Oscillatory activity and cortical coherence of the nucleus basalis of Meynert in Parkinson's disease dementia. 2018 , 52, 102-106 | 7 |
| 178 | Voxel-Based Acetylcholinesterase PET Study in Early and Late Onset Alzheimer's Disease. 2018 , 62, 1539-154 | 8 8 |
| 177 | Cholinergic Behavior State-Dependent Mechanisms of Neocortical Gain Control: a Neurocomputational Study. 2018 , 55, 249-257 | 5 |
| 176 | Tau Oligomer Pathology in Nucleus Basalis Neurons During the Progression of Alzheimer Disease. 2018 , 77, 246-259 | 20 |
| 175 | Recent advances in cholinergic imaging and cognitive decline-Revisiting the cholinergic hypothesis of dementia. 2018 , 7, 1-11 | 47 |
| 174 | A longitudinal study of brain anatomy changes preceding dementia in Down syndrome. 2018 , 18, 160-166 | 13 |
| 173 | Daytime sleepiness in dementia with Lewy bodies is associated with neuronal depletion of the nucleus basalis of Meynert. 2018 , 50, 99-103 | 12 |
| 172 | Multimodal Encoding of Novelty, Reward, and Learning in the Primate Nucleus Basalis of Meynert. 2018 , 38, 1942-1958 | 8 |
| 171 | Deep Brain Stimulation for Parkinson Disease Dementia: A New Frontier?. 2018 , 75, 152-153 | 2 |
| 170 | In vivo cholinergic basal forebrain atrophy predicts cognitive decline in de novo Parkinson's disease. 2018 , 141, 165-176 | 76 |
| 169 | Chronic traumatic encephalopathy in sports: a historical and narrative review. 2018 , 43, 279-311 | 26 |
| 168 | Neuroanatomical Characteristics Associated With Response to Deep Brain Stimulation of the Nucleus Basalis of Meynert for Alzheimer's Disease. 2018 , 21, 184-190 | 24 |
| 167 | Molecular, Cellular and Circuit Basis of Cholinergic Modulation of Pain. 2018 , 387, 135-148 | 45 |
| 166 | Diacylglycerols as biomarkers of sustained immune activation in Proteinopathies associated with dementia. 2018 , 476, 107-110 | 5 |
| 165 | Pathogenic Feed-Forward Mechanisms in Alzheimer's and Parkinson's Disease Converge on GSK-3. 2018 , 4, 151-167 | 13 |

(2019-2018)

| 164 | Nucleus Basalis of Meynert Stimulation for Dementia: Theoretical and Technical Considerations. 2018, 12, 614 | 14 |
|-----|--|----|
| 163 | Precision and False Perceptual Inference. 2018 , 12, 39 | 28 |
| 162 | Chronic treatment with carvacrol improves passive avoidance memory in a rat model of Parkinson's disease. 2018 , 76, 71-77 | 24 |
| 161 | Curvilinear locus coeruleus functional connectivity trajectories over the adult lifespan: a 7T MRI study. 2018 , 69, 167-176 | 15 |
| 160 | In Vivo Positron Emission Tomography of Extrastriatal Non-Dopaminergic Pathology in Parkinson Disease. 2018 , 143-170 | 1 |
| 159 | Deep brain stimulation for dementias. 2018 , 45, E8 | 6 |
| 158 | Brain Stimulation in Alzheimer's Disease. 2018 , 9, 201 | 58 |
| 157 | Review: Revisiting the human cholinergic nucleus of the diagonal band of Broca. 2018 , 44, 647-662 | 15 |
| 156 | Rapid tranquillisation: the science and advice. 2018 , 24, 346-358 | 7 |
| 155 | Suppression of Presymptomatic Oxidative Stress and Inflammation in Neurodegeneration by Grape-Derived Polyphenols. 2018 , 9, 867 | 22 |
| 154 | Deep Brain Stimulation of the Memory Circuit: Improving Cognition in Alzheimer's Disease. 2018 , 64, 337-347 | 7 |
| 153 | The Neuroimaging of Brain Diseases. 2018, | |
| 152 | Augmented frontal cortex diacylglycerol levels in Parkinson's disease and Lewy Body Disease. 2018 , 13, e0191815 | 28 |
| 151 | Evaluation of inner retinal layers as biomarkers in mild cognitive impairment to moderate Alzheimer's disease. 2018 , 13, e0192646 | 64 |
| 150 | Functional Subdivisions of Magnocellular Cell Groups in Human Basal Forebrain: Test-Retest Resting-State Study at Ultra-high Field, and Meta-analysis. 2019 , 29, 2844-2858 | 10 |
| 149 | Fluctuating cognition in the Lewy body dementias. 2019 , 142, 3338-3350 | 14 |
| 148 | Spatial distributions of cholinergic impairment and neuronal hypometabolism differ in MCI due to AD. 2019 , 24, 101978 | 8 |
| 147 | Vulnerability of multiple large-scale brain networks in dementia with Lewy bodies. 2019 , 40, 4537-4550 | 14 |

The Human Connectome: Functional Anatomy of the Brain. **2019**, 1-48

| 145 | Delusions and visual hallucinations in a patient with Parkinson's disease with dementia showing pronounced Lewy body pathology in the nucleus basalis of Meynert. 2019 , 39, 319-323 | 8 |
|-----|--|----|
| 144 | 5-HT Receptor Antagonists in Neurologic and Neuropsychiatric Disorders: The Iceberg Still Lies beneath the Surface. 2019 , 71, 383-412 | 39 |
| 143 | An improved neuroanatomical model of the default-mode network reconciles previous neuroimaging and neuropathological findings. 2019 , 2, 370 | 89 |
| 142 | Integration of Machine Learning Methods to Dissect Genetically Imputed Transcriptomic Profiles in Alzheimer's Disease. 2019 , 10, 726 | 9 |
| 141 | Regulation of cortical blood flow responses by the nucleus basalis of Meynert during nociceptive processing. 2019 , 149, 22-28 | 3 |
| 140 | The Nucleus Basalis of Meynert and Its Role in Deep Brain Stimulation for Cognitive Disorders: A Historical Perspective. 2019 , 69, 905-919 | 11 |
| 139 | Regulation of cholinergic basal forebrain development, connectivity, and function by neurotrophin receptors. 2019 , 3, NS20180066 | 15 |
| 138 | Linear measurement of the nucleus basalis of Meynert in Alzheimer's disease and mild cognitive impairment. 2019 , 29, S154 | |
| 137 | Preclinical Models of Alzheimer's Disease: Relevance and Translational Validity. 2019 , 84, e57 | 58 |
| 136 | Clinical and video-polysomnographic analysis of rapid eye movement sleep behavior disorder and other sleep disturbances in dementia with Lewy bodies. 2019 , 42, | 13 |
| 135 | Dimethyl fumarate affects spleen lymphocyte production of interleukin 10 in streptozotocin-induced model of Alzheimer's disease in rats. 2019 , 29, S154-S155 | 1 |
| 134 | Are Linear Measurements of the Nucleus Basalis of Meynert Suitable as a Diagnostic Biomarker in Mild Cognitive Impairment and Alzheimer Disease?. 2019 , 40, 2039-2044 | 3 |
| 133 | The Role of Leptin and Adiponectin in Obesity-Associated Cognitive Decline and Alzheimer's Disease. 2018 , 12, 1027 | 71 |
| 132 | Neuroimmune nexus of depression and dementia: Shared mechanisms and therapeutic targets. 2019 , 176, 3558-3584 | 10 |
| 131 | Transplantation of Human Neural Progenitor Cells (NPC) into Putamina of Parkinsonian Patients: A Case Series Study, Safety and Efficacy Four Years after Surgery. 2019 , 28, 269-285 | 12 |
| 130 | Treatment of Parkinson's Disease through Personalized Medicine and Induced Pluripotent Stem Cells. 2019 , 8, | 53 |
| 129 | Neural Correlates of Cognitive Impairment in Parkinson's Disease: A Review of Structural MRI Findings. 2019 , 144, 1-28 | 17 |

(2020-2019)

| 128 | Subregional volume reduction of the cholinergic forebrain in subjective cognitive decline (SCD). 2019 , 21, 101612 | 19 |
|-----|--|----|
| 127 | Deep brain stimulation for people with Alzheimer's disease: Anticipating potential effects on the tripartite self. 2019 , 18, 2836-2855 | 9 |
| 126 | Active Inference and Auditory Hallucinations. 2018, 2, 183-204 | 25 |
| 125 | A roadmap to integrate astrocytes into Systems Neuroscience. 2020 , 68, 5-26 | 21 |
| 124 | Short-afferent inhibition and cognitive impairment in Parkinson's disease: A quantitative review and challenges. 2020 , 719, 133679 | 8 |
| 123 | Elucidating Critical Proteinopathic Mechanisms and Potential Drug Targets in Neurodegeneration. 2020 , 40, 313-345 | 5 |
| 122 | Cholinergic deficits and galaninergic hyperinnervation of the nucleus basalis of Meynert in Alzheimer's disease and Lewy body disorders. 2020 , 46, 264-278 | 8 |
| 121 | In vivo imaging of synaptic loss in Alzheimer's disease with [18F]UCB-H positron emission tomography. 2020 , 47, 390-402 | 41 |
| 120 | Selective Vulnerability of the Nucleus Basalis of Meynert Among Neuropathologic Subtypes of Alzheimer Disease. 2020 , 77, 225-233 | 26 |
| 119 | Mercury and Alzheimer's Disease: Hg(II) Ions Display Specific Binding to the Amyloid-IPeptide and Hinder Its Fibrillization. 2019 , 10, | 13 |
| 118 | Plasma tau correlates with basal forebrain atrophy rates in people at risk for Alzheimer disease. 2020 , 94, e30-e41 | 13 |
| 117 | New Developments in Cholinergic Imaging in Alzheimer and Lewy Body Disorders. 2020 , 7, 278-286 | 2 |
| 116 | Elevated caudate connectivity in cognitively normal Parkinson's disease patients. 2020 , 10, 17978 | 2 |
| 115 | Cognitive impairment in Parkinson's disease: A clinical and pathophysiological overview. 2020 , 419, 117177 | 7 |
| 114 | Complex I reductions in the nucleus basalis of Meynert in Lewy body dementia: the role of Lewy bodies. 2020 , 8, 103 | 2 |
| 113 | Computational Modeling of Catecholamines Dysfunction in Alzheimer's Disease at Pre-Plaque Stage. 2020 , 77, 275-290 | 5 |
| 112 | The cholinesterase inhibitor donepezil has antidepressant-like properties in the mouse forced swim test. 2020 , 10, 255 | 11 |
| 111 | Potential Pathways for Circadian Dysfunction and Sundowning-Related Behavioral Aggression in Alzheimer's Disease and Related Dementias. 2020 , 14, 910 | 9 |

| 110 | Altered multimodal magnetic resonance parameters of basal nucleus of Meynert in Alzheimer's disease. 2020 , 7, 1919-1929 | 2 |
|-----|--|-----|
| 109 | Multimodal MRI analysis of basal forebrain structure and function across the Alzheimer's disease spectrum. 2020 , 28, 102495 | 3 |
| 108 | Drugs to Treat Dementia. 2020 , 433-453 | |
| 107 | Anatomy and Function of the Primate Entorhinal Cortex. 2020 , 6, 411-432 | 10 |
| 106 | FDG Uptake in the Basal Forebrain as Measured by Digital High-Resolution PET Is a Promising Marker of Basal Forebrain Degeneration in the Lewy Body Disease Spectrum: A Pilot Study. 2020 , 45, 261-266 | 2 |
| 105 | Neuropathologic features associated with basal forebrain atrophy in Alzheimer disease. 2020 , 95, e1301-e131 | 112 |
| 104 | Intracranial atherosclerosis on 7T MRI and cognitive functioning: The SMART-MR study. 2020, 95, e1351-e136 | 1 2 |
| 103 | Shared cerebral metabolic pathology in non-transgenic animal models of Alzheimer's and Parkinson's disease. 2020 , 127, 231-250 | 7 |
| 102 | Common neurodegenerative disorders in the perioperative setting: Recommendations for screening from the Society for Perioperative Assessment and Quality Improvement (SPAQI). 2020 , 20, | 3 |
| 101 | Insulin resistance, diabetes, and metabolic syndrome. 2020 , 71-112 | 1 |
| 100 | New players in basal ganglia dysfunction in Parkinson's disease. 2020 , 252, 307-327 | 2 |
| 99 | Serum tau levels are increased in patients with hyperthyroidism. 2020 , 729, 135003 | 1 |
| 98 | Effects of Prolonged Seizures on Basal Forebrain Cholinergic Neurons: Evidence and Potential Clinical Relevance. 2020 , 38, 249-265 | 1 |
| 97 | Treadmill exercise attenuates cerebral ischaemic injury in rats by protecting mitochondrial function via enhancement of caveolin-1. 2021 , 264, 118634 | 2 |
| 96 | Lesions of the nucleus basalis magnocellularis (Meynert) induce enhanced somatosensory responses and tactile hypersensitivity in rats. 2021 , 335, 113493 | 2 |
| 95 | Alterations of Brain Networks in Alzheimer's Disease and Mild Cognitive Impairment: A Resting State fMRI Study Based on a Population-specific Brain Template. 2021 , 452, 192-207 | 4 |
| 94 | Acetylcholine modulates K and Na currents in human basal forebrain cholinergic neuroblasts through an autocrine/paracrine mechanism. 2021 , 157, 1182-1195 | 2 |
| 93 | Cholinergic Denervation Patterns Across Cognitive Domains in Parkinson's Disease. 2021 , 36, 642-650 | 18 |

(2021-2021)

| 92 | Nucleus basalis of Meynert degeneration predicts cognitive impairment in Parkinson's disease. 2021 , 179, 189-205 | 1 |
|----|---|----|
| 91 | Structural MRI of the basal forebrain as predictor of cognitive response to galantamine in healthy older adults-A randomized controlled double-blinded crossover study. 2021 , 7, e12153 | |
| 90 | The diagonal band of Broca in health and disease. 2021 , 179, 175-187 | О |
| 89 | Exploring the New Horizon of AdipoQ in Obesity-Related Alzheimer's Dementia. 2020, 11, 567678 | 3 |
| 88 | Cholinergic neurodegeneration in Alzheimer disease mouse models. 2021 , 182, 191-209 | 2 |
| 87 | Basal Forebrain Atrophy Is Associated With Allocentric Navigation Deficits in Subjective Cognitive Decline. 2021 , 13, 596025 | 2 |
| 86 | Prospective Role of Polyphenolic Compounds in the Treatment of Neurodegenerative Diseases. 2021 , 20, 430-450 | 18 |
| 85 | Role of medicinal plants against neurodegenerative diseases. 2021, | 5 |
| 84 | Donepezil for mild cognitive impairment in Parkinson's disease. 2021 , 11, 4734 | 3 |
| 83 | The cognitive effects of anticholinergic drugs on apolipoprotein 2 carriers and noncarriers in the Wisconsin Registry for Alzheimer's Prevention study. 2021 , 35, 220-231 | O |
| 82 | The Subcortical-Allocortical- Neocortical for the Emergence and Morphological Heterogeneity of Pyramidal Neurons in the Human Brain. 2021 , 13, 616607 | 3 |
| 81 | Case Report: Deep Brain Stimulation of the Nucleus Basalis of Meynert for Advanced Alzheimer's Disease. 2021 , 15, 645584 | 2 |
| 80 | Electrical stimulation of the nucleus basalis of meynert: a systematic review of preclinical and clinical data. 2021 , 11, 11751 | 3 |
| 79 | Altered Functional Connectivity of the Basal Nucleus of Meynert in Subjective Cognitive Impairment, Early Mild Cognitive Impairment, and Late Mild Cognitive Impairment. 2021 , 13, 671351 | 3 |
| 78 | In vivo cholinergic basal forebrain degeneration and cognition in Parkinson's disease: Imaging results from the COPPADIS study. 2021 , 88, 68-75 | 3 |
| 77 | Examining the Role of the Noradrenergic Locus Coeruleus for Predicting Attention and Brain Maintenance in Healthy Old Age and Disease: An MRI Structural Study for the Alzheimer's Disease Neuroimaging Initiative. 2021 , 10, | 3 |
| 76 | Multiple cholinesterase inhibitors have antidepressant-like properties in the mouse forced swim test. 2021 , 409, 113323 | 2 |
| 75 | Norepinephrine May Oppose Other Neuromodulators to Impact Alzheimer's Disease. 2021 , 22, | O |

| 74 | The Biology and Pathobiology of Glutamatergic, Cholinergic, and Dopaminergic Signaling in the Aging Brain. 2021 , 13, 654931 | 9 |
|----|---|----|
| 73 | Locus Coeruleus Pathology Indicates a Continuum of Lewy Body Dementia. 2021 , 11, 1641-1650 | O |
| 72 | Basal forebrain cholinergic system in the dementias: Vulnerability, resilience, and resistance. 2021 , 158, 1394-1411 | 2 |
| 71 | Structural (dys)connectivity associates with cholinergic cell density of the nucleus basalis of Meynert in Alzheimer disease. | O |
| 70 | Disruption of the grid cell network in a mouse model of early Alzheimer disease. | |
| 69 | Global and network functional connectivity of Nucleus Basalis of Meynert is strengthened in blind individuals. | |
| 68 | FEOBV-PET to quantify cortical cholinergic denervation in AD: Relationship to basal forebrain volumetry. 2021 , 31, 1077-1081 | 0 |
| 67 | Molecular Imaging of the Cholinergic System in Alzheimer and Lewy Body Dementias: Expanding Views. 2021 , 21, 52 | 2 |
| 66 | The Glymphatic System: A Novel Component of Fundamental Neurobiology. 2021 , 41, 7698-7711 | 13 |
| 65 | Quantitative EEG and cholinergic basal forebrain atrophy in Parkinson's disease and mild cognitive impairment. 2021 , 106, 37-44 | 3 |
| 64 | The Immunopathogenesis of Alzheimer's Disease Is Related to the Composition of Gut Microbiota. 2021 , 13, | 19 |
| 63 | Chronic traumatic encephalopathy and the nucleus basalis of Meynert. 2021 , 182, 9-29 | O |
| 62 | Pharmacology of Acetylcholine and Cholinergic Receptors. 2020 , 69-105 | 1 |
| 61 | Subcortical Anatomy of the Default Mode Network: a functional and structural connectivity study. | 3 |
| 60 | Cognitive Impairment Associated with Parkinson's Disease: Role of Mitochondria. 2016 , 14, 584-92 | 13 |
| 59 | Nucleus basalis of Meynert neuronal activity in Parkinson's disease. 2019 , 132, 574-582 | 6 |
| 58 | Neuropathological Correlates of Cumulative Benzodiazepine and Anticholinergic Drug Use. 2020 , 74, 999-1009 | 2 |
| 57 | Down syndrome: A curative prospect?. 2020 , 7, 168-193 | 5 |

| 56 | Cell-based therapy in Alzheimer's disease: Can human fetal cholinergic neurons "untangle the skein"?. 2018 , 13, 2105-2107 | 11 |
|----|--|----|
| 55 | Stem cell therapy for Parkinson's disease: safety and modeling. 2020 , 15, 36-40 | 17 |
| 54 | Temporal and spatial evolution of various functional neurons during demyelination induced by cuprizone. 2021 , 126, 1756-1771 | |
| 53 | Neuropsychiatric Symptoms Related to Cholinergic Deficits in Parkinson Disease. 2017, 375-388 | |
| 52 | Substantia innominata. | |
| 51 | The Reticular Formation and the Neuromodulatory Systems. 2020 , 257-307 | |
| 50 | Differential Changes in Arteriolar Cerebral Blood Volume between Parkinson's Disease Patients with Normal and Impaired Cognition and Mild Cognitive Impairment (MCI) Patients without Movement Disorder - An Exploratory Study. 2020 , 6, 333-342 | 3 |
| 49 | Die funktionelle Neuroanatomie des limbischen Systems. 2020 , 15-62 | 1 |
| 48 | Characterizing the long-term cognitive impairment following delirium episodes: A call to action 2021 , 4, 294-296 | |
| 47 | Parkinsonian Dementias: PET Findings. 2021 , 491-513 | |
| 46 | The avian subpallium and autonomic nervous system. 2022 , 257-290 | |
| 45 | A Fiber Dissection Study of the Anterior Commissure: Correlations with Diffusion Spectrum Imaging Tractography and Clinical Relevance in Gliomas. 2021 , 35, 232 | |
| 44 | Effects of Cigarette Smoking on Resting-State Functional Connectivity of the Nucleus Basalis of Meynert in Mild Cognitive Impairment. 2021 , 13, 755630 | О |
| 43 | Magnetic Resonance Imaging Markers for Cognitive Impairment in Parkinson's Disease: Current View 2022 , 14, 788846 | O |
| 42 | Nucleus basalis of Meynert predicts cognition after deep brain stimulation in Parkinson's disease 2021 , 94, 89-95 | 1 |
| 41 | Parkinson's disease: Present and future of cell therapy. 2022 , 2, S58-S68 | 1 |
| 40 | Age and Anterior Basal Forebrain Volume Predict the Cholinergic Deficit in Patients with Mild Cognitive Impairment due to Alzheimer's Disease 2022 , | O |
| 39 | Cholinergic systems, attentional-motor integration, and cognitive control in Parkinson's disease 2022 , 269, 345-371 | 1 |

| 38 | Disruption of the grid cell network in a mouse model of early Alzheimer's disease 2022, 13, 886 | 1 |
|----|---|---|
| 37 | Structural (dys)connectivity associates with cholinergic cell density in Alzheimer's disease 2022 , | O |
| 36 | Reduction in Volume of Nucleus Basalis of Meynert Is Specific to Parkinson's Disease and Progressive Supranuclear Palsy but Not to Multiple System Atrophy 2022 , 14, 851788 | O |
| 35 | DataSheet_1.pdf. 2019 , | |
| 34 | Image_1.png. 2018 , | |
| 33 | lmage_2.tif. 2018 , | |
| 32 | Image_3.tif. 2018 , | |
| 31 | Image_4.TIF. 2018 , | |
| 30 | Improvement of cognitive deficit of curcumin on scopolamine-induced Alzheimer's disease models 2022 , 13, 16-22 | |
| 29 | PET Imaging of Cholinergic Neurotransmission in Neurodegenerative Disorders. 2022 , 63, 33S-44S | 2 |
| 28 | Deep learning segmentation of the nucleus basalis of Meynert on 3T MRI. | |
| 27 | Three-Dimensional Spatial Analyses of Cholinergic Neuronal Distributions Across The Mouse Septum, Nucleus Basalis, Globus Pallidus, Nucleus Accumbens, and Caudate-Putamen. | |
| 26 | Nanomedicines in the Management of Alzheimer⊠ Disease: Current View and Future Prospects. 14, | 1 |
| 25 | Inconsistencies in atlas-based volumetric measures of the human nucleus basalis of Meynert: A need for high-resolution alternatives. 2022 , 259, 119421 | O |
| 24 | Selective cholinergic stimulation of the medial septum-diagonal band of Broca via DREADDs improves spatial learning in healthy rats. | |
| 23 | Nicotinic receptor components of amyloid beta 42 proteome regulation in human neural cells. 2022 , 17, e0270479 | O |
| 22 | Cholinergic basal forebrain nucleus of Meynert regulates chronic pain-like behavior via modulation of the prelimbic cortex. 2022 , 13, | |
| 21 | Association of Nucleus Basalis of Meynert Functional Connectivity and Cognition in Idiopathic Rapid-Eye-Movement Sleep Behavior Disorder. 2022 , 18, 562 | O |

| 20 | Predicting cognitive decline in Parkinson disease using FDG-PET based supervised learning. | O |
|----|--|---|
| 19 | The Neurodegenerative Elderly Syndrome (NES) hypothesis: Alzheimer and Parkinson are two faces of the same disease. 2022 , | 1 |
| 18 | Excessive Daytime Sleepiness in Parkinson Disease. Volume 14, 1589-1609 | 1 |
| 17 | Metric magnetic resonance imaging analysis reveals pronounced substantia-innominata atrophy in dementia with Lewy bodies with a psychiatric onset. 14, | 2 |
| 16 | Identification of cholinergic centro-cingulate topography as main contributor to cognitive functioning in Parkinson disease: Results from a data-driven approach. 14, | О |
| 15 | Mapping Cholinergic Synaptic Loss in Parkinson Disease: An [18F]FEOBV PET Case-Control Study. 2022 , 1-14 | O |
| 14 | Neurotransmitters. 2022 , 69-105 | О |
| 13 | Determinants of approved acetylcholinesterase inhibitor response outcomes in Alzheimer disease: relevance for precision medicine in neurodegenerative diseases. 2023 , 84, 101819 | O |
| 12 | Progression of regional cortical cholinergic denervation in Parkinson disease. 2022 , 4, | Ο |
| 11 | Effects of APOE 🛭 allele on basal forebrain functional connectivity in mild cognitive impairment. | O |
| 10 | Priorities for research on neuromodulatory subcortical systems in Alzheimer's disease: Position paper from the NSS PIA of ISTAART. | О |
| 9 | Atrophy of the cholinergic basal forebrain can detect presynaptic cholinergic loss in Parkinson's disease. | O |
| 8 | Catecholaminergic and cholinergic neuromodulation in autism spectrum disorder: A comparison to attention-deficit hyperactivity disorder. 16, | О |
| 7 | Distribution of Cleaved SNAP-25 in the Rat Brain, following Unilateral Injection of Botulinum Neurotoxin-A into the Striatum. 2023 , 24, 1685 | O |
| 6 | Deep brain stimulation for the treatment of Alzheimer's disease: A systematic review and meta-analysis. 17, | О |
| 5 | Noradrenergic and cholinergic systems take centre stage in neuropsychiatric diseases of ageing. 2023 , 149, 105167 | O |
| 4 | Leveraging the regulatory framework to facilitate drug development in Parkinson's disease. 2023 , 347-360 | О |
| 3 | Basal forebrain cholinergic signalling: development, connectivity and roles in cognition. 2023 , 24, 233-251 | Ο |

The Functional Neuroanatomy of the Limbic System. **2023**, 15-59

О

Revisiting a Telencephalic Extent of the Ascending Reticular Activating System.

О