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## Neuropathological staging of Alzheimer-related changes

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2236	The human entorhinal cortex: normal morphology and lamina-specific pathology in various diseases. <b>1992</b> , 15, 6-31		268
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1656	Astrocytes expressing hyperphosphorylated tau protein without glial fibrillary tangles in argyrophilic grain disease. <i>Acta Neuropathologica</i> , <b>1999</b> , 98, 251-6	14.3	70
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1654	Alzheimer's disease pathology in motor cortex in dementia with Lewy bodies clinically mimicking corticobasal degeneration. <i>Acta Neuropathologica</i> , <b>1999</b> , 98, 317-22	14.3	40
1653	Mossy fiber involvement in progressive supranuclear palsy. <i>Acta Neuropathologica</i> , <b>1999</b> , 98, 341-4	14.3	5
1652	Absence of brain-derived neurotrophic factor and trkB receptor immunoreactivity in glia of Alzheimer's disease. <i>Acta Neuropathologica</i> , <b>1999</b> , 98, 345-8	14.3	29
1651	Basal and stimulated hippocampal adenylate cyclase activity in the experimentally lesioned rat entorhinal cortex. <i>Acta Neuropathologica</i> , <b>1999</b> , 98, 389-95	14.3	
1650	Cerebrospinal fluid lipoproteins are more vulnerable to oxidation in Alzheimer's disease and are neurotoxic when oxidized ex vivo. <b>1999</b> , 34, 1273-80		50
1649	Neuropsychiatric aspects of dementia with Lewy bodies. <b>1999</b> , 1, 85-92		18
1648	Cortical atrophy in Alzheimer's disease unmasks electrically silent sulci and lowers EEG dipolarity. <b>1999</b> , 46, 905-10		17
1647	A quantitative autoradiographic study of [3H]cAMP binding to cytosolic and particulate protein kinase A in post-mortem brain staged for Alzheimer's disease neurofibrillary changes and amyloid deposits. <b>1999</b> , 818, 383-96		27
1646	Sequence of neurodegeneration and accumulation of phosphorylated tau in cultured neurons after okadaic acid treatment. <b>1999</b> , 839, 253-62		57

1645	Cellular co-localization of phosphorylated tau- and NACP/alpha-synuclein-epitopes in lewy bodies in sporadic Parkinson's disease and in dementia with Lewy bodies. <b>1999</b> , 843, 53-61	140
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1642	Editorial: useful URLs. <b>1999</b> , 9, 244	
1641	Tangles and plaques in nondemented aging and "preclinical" Alzheimer's disease. <b>1999</b> , 45, 358-68	1360
1640	A novel phenotype in familial Creutzfeldt-Jakob disease: Prion protein gene E200K mutation coupled with valine at codon 129 and type 2 protease-resistant prion protein. <b>1999</b> , 45, 812-816	52
1639	Overexpression of four-repeat tau mRNA isoforms in progressive supranuclear palsy but not in Alzheimer's disease. <b>1999</b> , 46, 325-32	130
1638	Ideomotor apraxia in progressive supranuclear palsy: a case study. <b>1999</b> , 14, 162-6	9
1637	The external globus pallidus in patients with Parkinson's disease and progressive supranuclear palsy. <b>1999</b> , 14, 626-33	30
1636	Analysis of information transmission in the Schaffer collaterals. <b>1999</b> , 9, 582-98	36
1635	A unifying hypothesis of Alzheimer's disease. II. Pathophysiological processes. <b>1999</b> , 14, 525-581	22
1634	Decreased awareness of cognitive deficits in patients with mild dementia of the Alzheimer type. <b>1999</b> , 14, 1019-1030	176
1633	The neuropathology of schizophrenic diseases: historical aspects and present knowledge. <b>1999</b> , 249 Suppl 4, 2-13	51
1632	Retrogenesis: clinical, physiologic, and pathologic mechanisms in brain aging, Alzheimer's and other dementing processes. <b>1999</b> , 249 Suppl 3, 28-36	108
1631	Cerebrovascular Dementia. <b>1999</b> , 12, 35-48	43
1630	Tau protein as a therapeutic target in Alzheimer's disease and other neurodegenerative disorders. <b>1999</b> , 9, 1359-1370	7
1629	Stains for the differential diagnosis of degenerative dementias. <b>1999</b> , 74, 311-20	17
1628	Missense and silent tau gene mutations cause frontotemporal dementia with parkinsonism-chromosome 17 type, by affecting multiple alternative RNA splicing regulatory elements. <b>1999</b> , 96, 5598-603	448

1627	Drug development for neurodegenerative diseases: role of PET. <b>1999</b> , 31, 444-9	3
1626	Neuropathology of three clinical cases prospectively diagnosed as dementia with Lewy bodies. <b>1999</b> , 6, 149-154	2
1625	Effects of glutamate uptake blockers on stimulus-induced field potentials in rat entorhinal cortex in vitro. <b>1999</b> , 259, 103-6	6
1624	The effects of single and multiple episodes of theta patterned or high frequency stimulation on synaptic transmission from hippocampal area CA1 to the subiculum in rats. <b>1999</b> , 270, 99-102	12
1623	Cell cycle-related protein expression in vascular dementia and Alzheimer's disease. <b>1999</b> , 271, 45-8	83
1622	Evidence for activation of microglia in patients with psychiatric illnesses. <b>1999</b> , 271, 126-8	265
1621	Risk for Alzheimer's disease in older late-onset cases is associated with HLA-DRB1*03. <b>1999</b> , 275, 137-40	23
1620	Mutation screening of the tau gene in patients with early-onset Alzheimer's disease. <b>1999</b> , 277, 137-9	38
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1618	Subfield- and layer-specific changes in parvalbumin, calretinin and calbindin-D28K immunoreactivity in the entorhinal cortex in Alzheimer's disease. <b>1999</b> , 92, 515-32	79
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1615	The histological validation of post mortem magnetic resonance imaging-determined hippocampal volume in Alzheimer's disease. <b>2000</b> , 95, 721-5	291
1614	Efferent connections of the anteromedial nucleus of the thalamus of the rat. <b>1999</b> , 30, 1-26	92
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1612	Phenotypic down-regulation of glutamate receptor subunit GluR1 in Alzheimer's disease. <b>1999</b> , 20, 287-95	67
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1610	Memory and mental status correlates of modified Braak staging. <b>1999</b> , 20, 573-9	209

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1595	Specific regional transcription of apolipoprotein E in human brain neurons. <b>1999</b> , 154, 601-11	135
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1593	The presence of isoaspartic acid in beta-amyloid plaques indicates plaque age. <b>1999</b> , 157, 277-88	48
1592	The internal globus pallidus is affected in progressive supranuclear palsy and Parkinson's disease. <b>1999</b> , 158, 135-42	31

1591	Entorhinal cortex beta-amyloid load in individuals with mild cognitive impairment. <b>1999</b> , 158, 469-90	184
1590	Cerebellar involvement in Pick's disease: affliction of mossy fibers, monodendritic brush cells, and dentate projection neurons. <b>1999</b> , 159, 153-63	17
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1587	5HT antagonists attenuate MK801-impaired radial arm maze performance in rats. <b>1999</b> , 71, 259-71	63
1586	Neuromodulation and the hippocampus: memory function and dysfunction in a network simulation. <b>1999</b> , 121, 3-18	33
1585	Progression of clinical deterioration and pathological changes in patients with Alzheimer disease evaluated at biopsy and autopsy. <b>1999</b> , 56, 1254-61	32
1584	Neuropsychological function and apolipoprotein E genotype in the preclinical detection of Alzheimer's disease.. <b>1999</b> , 14, 295-303	184
1583	Neurofibrillary pathology in Alzheimer disease with Lewy bodies: two subgroups. <b>1999</b> , 56, 203-8	34
1582	Cholinergic neuromodulation and Alzheimer's disease: from single cells to network simulations. <b>1999</b> , 121, 19-45	17
1581	Mapping biochemistry to metabolism: FDG-PET and amyloid burden in Alzheimer's disease. <b>1999</b> , 10, 2911-7	44
1580	Xenon CT in Alzheimer's Disease. <b>1999</b> , 12, 247-250	
1579	Evidence for impaired sentence comprehension in early Alzheimer's disease. <b>1999</b> , 5, 393-404	28
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1577	Regional distribution of tau, beta-amyloid and beta-amyloid precursor protein in the Alzheimer's brain: a quantitative immunolabelling study. <b>1999</b> , 10, 3785-9	25
1576	Cerebral glucose metabolism in unilateral entorhinal cortex-lesioned rats: an animal PET study. <b>1999</b> , 10, 2113-8	18
1575	Clinicopathologic case report: rapidly progressive dementia with demyelinating polyneuropathy. <b>1999</b> , 11, 507-13	0
1574	MRI temporal lobe volume measures and neuropsychologic function in Alzheimer's disease. <b>1999</b> , 9, 2-9	40

1573	Clinical aspects of 'senile dementia of the tangle type'-- a subset of dementia in the senium separable from late-onset Alzheimer's disease. <b>1999</b> , 10, 6-11	37
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1569	Correlation between Apolipoprotein-E polymorphism and Alzheimer's disease pathology. <b>2000</b> , 2, 223-9	10
1568	Low use of analgesics in Alzheimer's disease: possible mechanisms. <b>2000</b> , 63, 1-12	40
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1566	Memory enhancement for emotional stimuli is impaired in early Alzheimer's disease.. <b>2000</b> , 14, 82-92	98
1565	Fate of patients with questionable (very mild) Alzheimer's disease: longitudinal profiles of individual subjects' decline. <b>2000</b> , 11, 342-9	42
1564	Neuropathologic substrates of ischemic vascular dementia. <b>2000</b> , 59, 931-45	217
1563	Alpha-synuclein inclusions in Alzheimer and Lewy body diseases. <b>2000</b> , 59, 408-17	33
1562	Filamentous tau pathology in nerve cells, astrocytes, and oligodendrocytes of aged baboons. <b>2000</b> , 59, 39-52	60
1561	Tracking Alzheimer's disease in transgenic mice using fluorodeoxyglucose autoradiography. <b>2000</b> , 11, 987-91	57
1560	Orbital and dorsolateral frontal perfusion defect associated with behavioral response to cholinesterase inhibitor therapy in Alzheimer's disease. <b>2000</b> , 12, 209-18	43
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1556	Risk factors for nursing home placement in a population-based dementia cohort. <b>2000</b> , 48, 519-25	112

1555	Left frontotemporal hypoperfusion is associated with aggression in patients with dementia. <b>2000</b> , 57, 861-6	108
1554	Voxel-based analysis of confounding effects of age and dementia severity on cerebral metabolism in Alzheimer's disease. <b>2000</b> , 10, 39-48	68
1553	Measurement of global brain atrophy in Alzheimer's disease with unsupervised segmentation of spin-echo MRI studies. <b>2000</b> , 11, 260-6	24
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1550	CT measurement of medial temporal lobe atrophy in Alzheimer's disease, vascular dementia, depression and paraphrenia. <b>2000</b> , 15, 306-12	16
1549	Assessment of cerebral blood flow in Alzheimer's disease by spin-labeled magnetic resonance imaging. <b>2000</b> , 47, 93-100	333
1548	Degeneration of the central median parafascicular complex in Parkinson's disease. <b>2000</b> , 47, 345-352	149
1547	Mere forgetfulness or early Alzheimer's disease?. <b>2000</b> , 47, 419-420	3
1546	Use of structural magnetic resonance imaging to predict who will get Alzheimer's disease. <b>2000</b> , 47, 430-439	528
1545	Regional brain atrophy in progressive supranuclear palsy and Lewy body disease. <b>2000</b> , 47, 718-728	103
1544	Memory failure has different mechanisms in subcortical stroke and Alzheimer's disease. <b>2000</b> , 48, 275-284	37
1543	Long-term potentiation of single subicular neurons in mice. <b>2000</b> , 10, 684-92	25
1542	Increased frequency of the alpha-1-antichymotrypsin T allele in cerebral amyloid angiopathy. <b>2000</b> , 20, 184-9	12
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1539	Statistical maps of cerebral blood flow deficits in Alzheimer's disease. <b>2000</b> , 7, 385-92	14
1538	The evolution of Alzheimer's disease-related cytoskeletal pathology in the human raphe nuclei. <b>2000</b> , 26, 553-67	84



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1536	Similar ultrastructural breakdown of cerebrocortical capillaries in Alzheimer's disease, Parkinson's disease, and experimental hypertension. What is the functional link?. <b>2000</b> , 903, 72-82		52
1535	Which vascular lesions are of importance in vascular dementia?. <b>2000</b> , 903, 239-43		66
1534	Density profiles of Alzheimer disease regional brain pathology for the huddinge brain bank: pattern recognition emulates and expands upon Braak staging. <b>2000</b> , 35, 851-64		51
1533	The processing and biological function of the human amyloid precursor protein (APP): lessons from different cellular models. <b>2000</b> , 35, 843-50		12
1532	Decreased thioredoxin and increased thioredoxin reductase levels in Alzheimer's disease brain. <b>2000</b> , 28, 418-27		156
1531	Insights from semantic dementia on the relationship between episodic and semantic memory. <b>2000</b> , 38, 313-24		141
1530	The nature and staging of attention dysfunction in early (minimal and mild) Alzheimer's disease: relationship to episodic and semantic memory impairment. <b>2000</b> , 38, 252-71		358
1529	Diagnosis of Alzheimer's disease: MRI of the hippocampus vs delayed recall. <b>2000</b> , 38, 579-84		66
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1526	[Neuropathological diagnosis of neurodegenerative and dementia diseases]. <b>2000</b> , 21, 364-74		7
1525	The effects of combined lesions of the subicular complex and the entorhinal cortex on two forms of spatial navigation in the water maze.. <b>2000</b> , 114, 211-217		51
1524	[Clinical aspects of "argyrophilic grain disease"]. <b>2000</b> , 71, 38-43		8
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1522	The transentorhinal cortex of the African green monkey: a combined light- and electron-microscopic study of calcium-binding protein containing neurons. <b>2000</b> , 202, 143-58		4
1521	Pathological features of cerebral cortical capillaries are doubled in Alzheimer's disease and Parkinson's disease. <i>Acta Neuropathologica</i> , <b>2000</b> , 100, 395-402	14.3	151
1520	Activated microglial cells and complement factors are unrelated to cortical Lewy bodies. <i>Acta Neuropathologica</i> , <b>2000</b> , 100, 701-8	14.3	36

1519	Distribution of chromogranin B-like immunoreactivity in the human hippocampus and its changes in Alzheimer's disease. <i>Acta Neuropathologica</i> , <b>2000</b> , 100, 205-12	14.3	31
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1478	Region-specific neurotrophin imbalances in Alzheimer disease: decreased levels of brain-derived neurotrophic factor and increased levels of nerve growth factor in hippocampus and cortical areas. <b>2000</b> , 57, 846-51	400
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1473	Insulin-like growth factor-1 (IGF-1): a neuroprotective trophic factor acting via the Akt kinase pathway. <b>2000</b> , 261-72	52
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1459	Endocytic pathway abnormalities precede amyloid beta deposition in sporadic Alzheimer's disease and Down syndrome: differential effects of APOE genotype and presenilin mutations. <b>2000</b> , 157, 277-86	603
1458	Staging of cytoskeletal and beta-amyloid changes in human isocortex reveals biphasic synaptic protein response during progression of Alzheimer's disease. <b>2000</b> , 157, 623-36	165
1457	The cell cycle Cdc25A tyrosine phosphatase is activated in degenerating postmitotic neurons in Alzheimer's disease. <b>2000</b> , 157, 1983-90	81
1456	Hippocampus and entorhinal cortex in frontotemporal dementia and Alzheimer's disease: a morphometric MRI study. <b>2000</b> , 47, 1056-63	180
1455	Regionally selective changes in brain lysosomes occur in the transition from young adulthood to middle age in rats. <b>2000</b> , 97, 395-404	31
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1453	Density and pharmacology of alpha5 subunit-containing GABA(A) receptors are preserved in hippocampus of Alzheimer's disease patients. <b>2000</b> , 98, 669-75	56
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1447	Specific downregulation of presenilin 2 gene expression is prominent during early stages of sporadic late-onset Alzheimer's disease. <b>2000</b> , 78, 138-45	16
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1445	Presenilins and Alzheimer's disease: biological functions and pathogenic mechanisms. <b>2000</b> , 60, 363-84	125
1444	Regional distribution of cortical microglia parallels that of neurofibrillary tangles in Alzheimer's disease. <b>2000</b> , 285, 165-8	64
1443	Unbiased whole-brain analysis of gray matter loss in Alzheimer's disease. <b>2000</b> , 285, 231-3	129
1442	A frontal variant of Alzheimer's disease exhibits decreased calcium-independent phospholipase A2 activity in the prefrontal cortex. <b>2000</b> , 37, 17-31	55
1441	Neuronal expression of glutamine synthetase in Alzheimer's disease indicates a profound impairment of metabolic interactions with astrocytes. <b>2000</b> , 36, 471-82	119
1440	Formation of diffuse and fibrillar tangles in aging and early Alzheimer's disease. <b>2000</b> , 21, 1-10	37
1439	Region-specific age at onset of beta-amyloid in dogs. <b>2000</b> , 21, 89-96	116
1438	MRI description of cerebral atrophy in mouse lemur primates. <b>2000</b> , 21, 81-8	45
1437	NAD(P)H:quinone oxidoreductase activity is increased in hippocampal pyramidal neurons of patients with Alzheimer's disease. <b>2000</b> , 21, 525-31	65
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1428	Celloidin mounting (embedding without infiltration) - a new, simple and reliable method for producing serial sections of high thickness through complete human brains and its application to stereological and immunohistochemical investigations. <b>2000</b> , 20, 49-59	76
1427	The use of cerebral blood flow as an index of neuronal activity in functional neuroimaging: experimental and pathophysiological considerations. <b>2000</b> , 20, 215-24	61
1426	Properties of NACP/alpha-synuclein and its role in Alzheimer's disease. <b>2000</b> , 1502, 95-109	62
1425	Structure of tau protein and assembly into paired helical filaments. <b>2000</b> , 1502, 122-32	114
1424	The 5-HT1A antagonist, WAY 100 635, alleviates cognitive impairments induced by dizocilpine (MK-801) in monkeys. <b>2000</b> , 39, 547-52	61
1423	Part III. Neuropathology of Alzheimer's disease. <b>2000</b> , 46, 687-705	3
1422	Influence of social network on occurrence of dementia: a community-based longitudinal study. <b>2000</b> , 355, 1315-9	908
1421	Aging, mild cognitive impairment, and Alzheimer's disease. <b>2000</b> , 18, 789-806	98
1420	Brain Mapping in Dementia. <b>2000</b> , 217-239	4
1419	Neuroimaging in dementia. <b>2000</b> , 18, 885-902	34
1418	Cerebral metabolic and cognitive decline in persons at genetic risk for Alzheimer's disease. <b>2000</b> , 97, 6037-42	610
1417	Structure, microtubule interactions, and paired helical filament aggregation by tau mutants of frontotemporal dementias. <b>2000</b> , 39, 11714-21	279
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1411	Parkinson's disease associated with argyrophilic grains clinically resembling progressive supranuclear palsy: an autopsy case. <b>2000</b> , 178, 70-4	17
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1382	Selective cell loss in Edinger-Westphal in asymptomatic elders and Alzheimer's patients. <b>2001</b> , 22, 729-36	39
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1375	Review of the next generation of Alzheimer's disease therapeutics: challenges for drug development. <b>2001</b> , 25, 27-57	48
1374	Ex vivo lumbar and post mortem ventricular cerebrospinal fluid substance P-immunoreactivity in Alzheimer's disease patients. <b>2001</b> , 299, 117-20	12
1373	Deafferentation of the hippocampus results in the induction of AT8 positive 'granules' in the rat. <b>2001</b> , 301, 5-8	5
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1356	Etiology, Genetics, and Pathogenesis of Alzheimer's Disease. <b>2001</b> , 333-348	
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1345	Repeated pain assessment in Alzheimer's disease. <b>2001</b> , 12, 400-7	39
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1340	Dissociation of regional activation in mild AD during visual encoding: a functional MRI study. <b>2001</b> , 57, 812-6	123

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1338	The spectrum of category effects in object and action knowledge in dementia of the Alzheimer's type.. <b>2001</b> , 15, 371-379	46
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1328	Elevation of LDL receptor-related protein levels via ligand interactions in Alzheimer disease and in vitro. <b>2001</b> , 60, 430-40	33
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1321	Generation of aggregated beta-amyloid in the rat hippocampus impairs synaptic transmission and plasticity and causes memory deficits. <b>2001</b> , 21, 5703-14		174
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1319	Chronic imaging of amyloid plaques in the live mouse brain using multiphoton microscopy. <b>2001</b> ,		2
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1315	Cortical neurons expressing calcium binding proteins are spared in dementia with Lewy bodies. <i>Acta Neuropathologica</i> , <b>2001</b> , 101, 36-42	14.3	28
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