Michel Goedert

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

226 papers	38,660 citations	92 h-index	196 g-index
249 ext. papers	44,294 ext. citations	9.4 avg, IF	7.67 L-index

#	Paper	IF	Citations
226	Cryo-EM structures of amyloid-β 42 filaments from human brains.. *Science*, **2022**, 375, 167-172	33.3	27
225	A tribute to John Q. Trojanowski (1946-2022), neuropathologist extraordinaire.. *Brain Pathology*, **2022**, e13066	6	0
224	Age-dependent formation of TMEM106B amyloid filaments in human brains.. *Nature*, **2022**,	50.4	6
223	Assembly of recombinant tau into filaments identical to those of Alzheimer's disease and chronic traumatic encephalopathy.. *ELife*, **2022**, 11,	8.9	4
222	Cryo-EM structures of filaments from human brain. *Essays in Biochemistry*, **2021**,	7.6	3
221	Assembly of α-synuclein and neurodegeneration in the central nervous system of heterozygous M83 mice following the peripheral administration of α-synuclein seeds. *Acta Neuropathologica Communications*, **2021**, 9, 189	7.3	2
220	Cryo-EM structures of tau filaments from Alzheimer's disease with PET ligand APN-1607. *Acta Neuropathologica*, **2021**, 141, 697-708	14.3	29
219	Synthesis and Assessment of Novel Probes for Imaging Tau Pathology in Transgenic Mouse and Rat Models. *ACS Chemical Neuroscience*, **2021**, 12, 1885-1893	5.7	4
218	Seeded assembly in vitro does not replicate the structures of α-synuclein filaments from multiple system atrophy. *FEBS Open Bio*, **2021**, 11, 999-1013	2.7	36
217	Structure-based classification of tauopathies. *Nature*, **2021**, 598, 359-363	50.4	59
216	Tau Protein and Frontotemporal Dementias. *Advances in Experimental Medicine and Biology*, **2021**, 1281, 177-199	3.6	5
215	Structures of α-synuclein filaments from multiple system atrophy. *Nature*, **2020**, 585, 464-469	50.4	195
214	α-Synuclein filaments from transgenic mouse and human synucleinopathy-containing brains are major seed-competent species. *Journal of Biological Chemistry*, **2020**, 295, 6652-6664	5.4	10
213	Novel tau filament fold in corticobasal degeneration. *Nature*, **2020**, 580, 283-287	50.4	188
212	Cryo-EM structures of tau filaments. *Current Opinion in Structural Biology*, **2020**, 64, 17-25	8.1	61
211	Inhibition of synucleinopathic seeding by rationally designed inhibitors. *ELife*, **2020**, 9,	8.9	29
210	Dextran sulphate-induced tau assemblies cause endogenous tau aggregation and propagation in wild-type mice. *Brain Communications*, **2020**, 2, fcaa091	4.5	3

209	Tau proteinopathies and the prion concept. *Progress in Molecular Biology and Translational Science*, **2020**, 175, 239-259	4	5
208	Heparin-induced tau filaments are polymorphic and differ from those in Alzheimer's and Pick's diseases. *ELife*, **2019**, 8,	8.9	173
207	Silver staining (Campbell-Switzer) of neuronal □synuclein assemblies induced by multiple system atrophy and Parkinson's disease brain extracts in transgenic mice. *Acta Neuropathologica Communications*, **2019**, 7, 148	7.3	19
206	Cerebrospinal fluid from Alzheimer's disease patients promotes tau aggregation in transgenic mice. *Acta Neuropathologica Communications*, **2019**, 7, 72	7.3	9
205	Aaron Klug and the study of Alzheimer's disease. *Alzheimer's and Dementia*, **2019**, 15, 859-861	1.2	
204	Novel tau filament fold in chronic traumatic encephalopathy encloses hydrophobic molecules. *Nature*, **2019**, 568, 420-423	50.4	306
203	Assembly of transgenic human P301S Tau is necessary for neurodegeneration in murine spinal cord. *Acta Neuropathologica Communications*, **2019**, 7, 44	7.3	12
202	Author response: Heparin-induced tau filaments are polymorphic and differ from those in Alzheimer□ and Pick□ diseases **2019**,		3
201	Ordered Assembly of Tau Protein and Neurodegeneration. *Advances in Experimental Medicine and Biology*, **2019**, 1184, 3-21	3.6	22
200	Luminescent conjugated oligothiophenes distinguish between □synuclein assemblies of Parkinson's disease and multiple system atrophy. *Acta Neuropathologica Communications*, **2019**, 7, 193	7.3	19
199	Galectin-8-mediated selective autophagy protects against seeded tau aggregation. *Journal of Biological Chemistry*, **2018**, 293, 2438-2451	5.4	62
198	Measurement of Tau Filament Fragmentation Provides Insights into Prion-like Spreading. *ACS Chemical Neuroscience*, **2018**, 9, 1276-1282	5.7	51
197	Ubiquitination of alpha-synuclein filaments by Nedd4 ligases. *PLoS ONE*, **2018**, 13, e0200763	3.7	16
196	Tau Filaments and the Development of Positron Emission Tomography Tracers. *Frontiers in Neurology*, **2018**, 9, 70	4.1	21
195	Beta-sheet assembly of Tau and neurodegeneration in Drosophila melanogaster. *Neurobiology of Aging*, **2018**, 72, 98-105	5.6	13
194	Neurodegeneration and the Ordered Assembly of Tau **2018**, 81-98		
193	Parkinson's disease - the story of an eponym. *Nature Reviews Neurology*, **2018**, 14, 57-62	15	20
192	Neurodegeneration and the ordered assembly of □synuclein. *Cell and Tissue Research*, **2018**, 373, 137-148	4.2	50

191	Distinct Conformers of Assembled Tau in Alzheimer's and Pick's Diseases. *Cold Spring Harbor Symposia on Quantitative Biology*, **2018**, 83, 163-171	3.9	31
190	Tau filaments from multiple cases of sporadic and inherited Alzheimer's disease adopt a common fold. *Acta Neuropathologica*, **2018**, 136, 699-708	14.3	143
189	Rodent models for Alzheimer disease. *Nature Reviews Neuroscience*, **2018**, 19, 583-598	13.5	134
188	Structures of filaments from Pick's disease reveal a novel tau protein fold. *Nature*, **2018**, 561, 137-140	50.4	387
187	Tau filaments in neurodegenerative diseases. *FEBS Letters*, **2018**, 592, 2383-2391	3.8	56
186	Propagation of Tau aggregates. *Molecular Brain*, **2017**, 10, 18	4.5	104
185	The Transcellular Propagation and Intracellular Trafficking of □Synuclein. *Cold Spring Harbor Perspectives in Medicine*, **2017**, 7,	5.4	19
184	Cytosolic Fc receptor TRIM21 inhibits seeded tau aggregation. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 574-579	11.5	86
183	The Prion-Like Behavior of Assembled Tau in Transgenic Mice. *Cold Spring Harbor Perspectives in Medicine*, **2017**, 7,	5.4	22
182	Protein Aggregation and Neurodegeneration: Tauopathies and Synucleinopathies **2017**, 12-24		
181	Propagation of Tau Aggregates and Neurodegeneration. *Annual Review of Neuroscience*, **2017**, 40, 189-210	17	278
180	[EC-03□2]: CRYO-EM STRUCTURES OF TAU FILAMENTS FROM ALZHEIMER'S DISEASE BRAIN **2017**, 13, P892		3
179	Cryo-EM structures of tau filaments from Alzheimer's disease. *Nature*, **2017**, 547, 185-190	50.4	970
178	Like prions: the propagation of aggregated tau and □synuclein in neurodegeneration. *Brain*, **2017**, 140, 266-278	11.2	182
177	The Synucleinopathies: Twenty Years On. *Journal of Parkinson's Disease*, **2017**, 7, S51-S69	5.3	200
176	What is the evidence that tau pathology spreads through prion-like propagation?. *Acta Neuropathologica Communications*, **2017**, 5, 99	7.3	168
175	Short Fibrils Constitute the Major Species of Seed-Competent Tau in the Brains of Mice Transgenic for Human P301S Tau. *Journal of Neuroscience*, **2016**, 36, 762-72	6.6	98
174	Why has therapy development for dementia failed in the last two decades?. *Alzheimer's and Dementia*, **2016**, 12, 60-4	1.2	128

173	P3-065: Transection of Targeted Axonal Pathways Inhibits Network Spread of Tau Pathology in a P301S Model of TAU Propagation **2016**, 12, P842-P842		
172	O4-04-02: Characterisation of Tau Species Involved in Tau Seeding and Spread in Cellular and Animal Models **2016**, 12, P340-P340		
171	The ordered assembly of tau is the gain-of-toxic function that causes human tauopathies. *Alzheimer's and Dementia*, **2016**, 12, 1040-1050	1.2	37
170	PART is part of Alzheimer disease. *Acta Neuropathologica*, **2015**, 129, 749-56	14.3	198
169	NEURODEGENERATION. Alzheimer's and Parkinson's diseases: The prion concept in relation to assembled A□tau, and □synuclein. *Science*, **2015**, 349, 1255555	33.3	564
168	Parkinson's disease: Crystals of a toxic core. *Nature*, **2015**, 525, 458-9	50.4	5
167	Invited review: Prion-like transmission and spreading of tau pathology. *Neuropathology and Applied Neurobiology*, **2015**, 41, 47-58	5.2	100
166	Distinct Spacing Between Anionic Groups: An Essential Chemical Determinant for Achieving Thiophene-Based Ligands to Distinguish □Amyloid or Tau Polymorphic Aggregates. *Chemistry - A European Journal*, **2015**, 21, 9072-82	4.8	29
165	The fluorescent pentameric oligothiophene pFTAA identifies filamentous tau in live neurons cultured from adult P301S tau mice. *Frontiers in Neuroscience*, **2015**, 9, 184	5.1	27
164	Conformation determines the seeding potencies of native and recombinant Tau aggregates. *Journal of Biological Chemistry*, **2015**, 290, 1049-65	5.4	168
163	Invited review: Frontotemporal dementia caused by microtubule-associated protein tau gene (MAPT) mutations: a chameleon for neuropathology and neuroimaging. *Neuropathology and Applied Neurobiology*, **2015**, 41, 24-46	5.2	275
162	A novel in vivo model of tau propagation with rapid and progressive neurofibrillary tangle pathology: the pattern of spread is determined by connectivity, not proximity. *Acta Neuropathologica*, **2014**, 127, 667-83	14.3	297
161	Anti-amyloid compounds inhibit □synuclein aggregation induced by protein misfolding cyclic amplification (PMCA). *Journal of Biological Chemistry*, **2014**, 289, 11897-11905	5.4	62
160	Prion-like mechanisms in the pathogenesis of tauopathies and synucleinopathies. *Current Neurology and Neuroscience Reports*, **2014**, 14, 495	6.6	85
159	Axotrophin/MARCH7 acts as an E3 ubiquitin ligase and ubiquitinates tau protein in vitro impairing microtubule binding. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2014**, 1842, 1527-38	6.9	32
158	P3-049: CHARACTERISATION OF A CO-CULTURE CELL-BASED MODEL OF TAU AGGREGATION AND PROPAGATION **2014**, 10, P646-P646		
157	Piericidin A aggravates Tau pathology in P301S transgenic mice. *PLoS ONE*, **2014**, 9, e113557	3.7	8
156	Peripheral administration of tau aggregates triggers intracerebral tauopathy in transgenic mice. *Acta Neuropathologica*, **2014**, 127, 299-301	14.3	102

155	Tau silencing by siRNA in the P301S mouse model of tauopathy. *Current Gene Therapy*, **2014**, 14, 343-51	4.3	33
154	Circadian clocks and neurodegenerative diseases: time to aggregate?. *Current Opinion in Neurobiology*, **2013**, 23, 880-7	7.6	67
153	Impaired plasticity of cortical dendritic spines in P301S tau transgenic mice. *Acta Neuropathologica Communications*, **2013**, 1, 82	7.3	37
152	Parkinson's disease--the debate on the clinical phenomenology, aetiology, pathology and pathogenesis. *Journal of Parkinson's Disease*, **2013**, 3, 1-11	5.3	67
151	The structure of cross-β ribbons and tubes formed by an octapeptide, Aβ1-8. *Angewandte Chemie - International Edition*, **2013**, 52, 2279-83	16.4	45
150	100 years of Lewy pathology. *Nature Reviews Neurology*, **2013**, 9, 13-24	15	691
149	O1□07□4: Rapid and progressive neurofibrillary tangle pathology in a novel in vivo model of tau propagation: Pattern of spread is determined by structural connectivity not spatial proximity **2013**, 9, P141-P142		
148	Prion-Like Properties of Assembled Tau Protein. *Research and Perspectives in Alzheimer's Disease*, **2013**, 87-95		1
147	Tau pathology and neurodegeneration. *Lancet Neurology, The*, **2013**, 12, 609-22	24.1	698
146	"Prion-like" templated misfolding in tauopathies. *Brain Pathology*, **2013**, 23, 342-9	6	91
145	The structural basis for optimal performance of oligothiophene-based fluorescent amyloid ligands: conformational flexibility is essential for spectral assignment of a diversity of protein aggregates. *Chemistry - A European Journal*, **2013**, 19, 10179-92	4.8	73
144	Brain homogenates from human tauopathies induce tau inclusions in mouse brain. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 9535-40	11.5	513
143	The Structure of Cross-β Ribbons and Tubes Formed by an Octapeptide, Aβ1-8. *Angewandte Chemie*, **2013**, 125, 2335-2339	3.6	8
142	Rapamycin attenuates the progression of tau pathology in P301S tau transgenic mice. *PLoS ONE*, **2013**, 8, e62459	3.7	154
141	Stimulation of autophagy is neuroprotective in a mouse model of human tauopathy. *Autophagy*, **2012**, 8, 1686-7	10.2	64
140	Reduced axonal transport and increased excitotoxic retinal ganglion cell degeneration in mice transgenic for human mutant P301S tau. *PLoS ONE*, **2012**, 7, e34724	3.7	41
139	Synucleinopathies and Tauopathies **2012**, 829-843		4
138	Phosphorylation of microtubule-associated protein tau by AMPK-related kinases. *Journal of Neurochemistry*, **2012**, 120, 165-76	6	44

137	Frontotemporal dementia: implications for understanding Alzheimer disease. *Cold Spring Harbor Perspectives in Medicine*, **2012**, 2, a006254	5.4	101
136	Stimulation of autophagy reduces neurodegeneration in a mouse model of human tauopathy. *Brain* , **2012**, 135, 2169-77	11.2	242
135	Long-term in vivo imaging of fibrillar tau in the retina of P301S transgenic mice. *PLoS ONE*, **2012**, 7, e53547	3.7	105
134	Tau inclusions in retinal ganglion cells of human P301S tau transgenic mice: effects on axonal viability. *Neurobiology of Aging*, **2011**, 32, 419-33	5.6	87
133	S1-02-01: Prion-like properties of tau **2011**, 7, S86-S86		
132	Pathogenesis of the tauopathies. *Journal of Molecular Neuroscience*, **2011**, 45, 425-31	3.3	93
131	Cell-mediated neuroprotection in a mouse model of human tauopathy. *Journal of Neuroscience*, **2010**, 30, 9973-83	6.6	76
130	Modeling familial Danish dementia in mice supports the concept of the amyloid hypothesis of Alzheimer's disease. *Proceedings of the National Academy of Sciences of the United States of America* , **2010**, 107, 7969-74	11.5	56
129	Human beta-synuclein rendered fibrillogenic by designed mutations. *Journal of Biological Chemistry* , **2010**, 285, 38555-67	5.4	15
128	The propagation of prion-like protein inclusions in neurodegenerative diseases. *Trends in Neurosciences*, **2010**, 33, 317-25	13.3	336
127	SNARE protein redistribution and synaptic failure in a transgenic mouse model of Parkinson's disease. *Brain*, **2010**, 133, 2032-44	11.2	203
126	Inhibition of alpha-synuclein fibril assembly by small molecules: analysis using epitope-specific antibodies. *FEBS Letters*, **2009**, 583, 787-91	3.8	39
125	Transmission and spreading of tauopathy in transgenic mouse brain. *Nature Cell Biology*, **2009**, 11, 909-13	23.4	1196
124	Oskar Fischer and the study of dementia. *Brain*, **2009**, 132, 1102-11	11.2	54
123	In vitro high affinity alpha-synuclein binding sites for the amyloid imaging agent PIB are not matched by binding to Lewy bodies in postmortem human brain. *Journal of Neurochemistry*, **2008**, 105, 1428-37	6	69
122	Detection of filamentous tau inclusions by the fluorescent Congo red derivative FSB [(trans,trans)-1-fluoro-2,5-bis(3-hydroxycarbonyl-4-hydroxy)styrylbenzene]. *FEBS Letters*, **2008**, 582, 901-6	3.8	33
121	Analysis of tau phosphorylation and truncation in a mouse model of human tauopathy. *American Journal of Pathology*, **2008**, 172, 123-31	5.8	95
120	The tauopathy associated with mutation +3 in intron 10 of Tau: characterization of the MSTD family. *Brain*, **2008**, 131, 72-89	11.2	76

119	White matter tauopathy with globular glial inclusions: a distinct sporadic frontotemporal lobar degeneration. *Journal of Neuropathology and Experimental Neurology*, **2008**, 67, 963-75	3.1	95
118	The value of incomplete mouse models of Alzheimer's disease. *European Journal of Nuclear Medicine and Molecular Imaging*, **2008**, 35 Suppl 1, S70-4	8.8	68
117	Alois Alzheimer: his life and times. *Brain Pathology*, **2007**, 17, 57-62	6	34
116	A simple algorithm locates beta-strands in the amyloid fibril core of alpha-synuclein, Abeta, and tau using the amino acid sequence alone. *Protein Science*, **2007**, 16, 906-18	6.3	90
115	The novel Tau mutation G335S: clinical, neuropathological and molecular characterization. *Acta Neuropathologica*, **2007**, 113, 461-70	14.3	31
114	Chapter 4 Tau Protein and the Dementias. *Blue Books of Neurology*, **2007**, 88-111		
113	Sequence Determinants for Amyloid Fibrillogenesis of Human alpha-Synuclein. *Journal of Molecular Biology*, **2007**, 374, 454-64	6.5	59
112	Phosphorylation of human microtubule-associated protein tau by protein kinases of the AGC subfamily. *FEBS Letters*, **2007**, 581, 2657-62	3.8	19
111	Frontotemporal lobar degeneration through loss of progranulin function. *Brain*, **2006**, 129, 2808-10	11.2	17
110	Pathological changes in dopaminergic nerve cells of the substantia nigra and olfactory bulb in mice transgenic for truncated human alpha-synuclein(1-120): implications for Lewy body disorders. *Journal of Neuroscience*, **2006**, 26, 3942-50	6.6	257
109	Cell-cycle markers in a transgenic mouse model of human tauopathy: increased levels of cyclin-dependent kinase inhibitors p21Cip1 and p27Kip1. *American Journal of Pathology*, **2006**, 168, 878-87	5.8	31
108	Small molecule inhibitors of alpha-synuclein filament assembly. *Biochemistry*, **2006**, 45, 6085-94	3.2	301
107	Synuclein proteins of the pufferfish Fugu rubripes: sequences and functional characterization. *Biochemistry*, **2006**, 45, 2599-607	3.2	17
106	Cysteine misincorporation in bacterially expressed human alpha-synuclein. *FEBS Letters*, **2006**, 580, 1775-8	3.8	61
105	Tau protein, the paired helical filament and Alzheimer's disease. *Journal of Alzheimer's Disease*, **2006**, 9, 195-207	4.3	148
104	Sequential phosphorylation of tau protein by cAMP-dependent protein kinase and SAPK4/p38delta or JNK2 in the presence of heparin generates the AT100 epitope. *Journal of Neurochemistry*, **2006**, 99, 154-64	6	61
103	A century of Alzheimer's disease. *Science*, **2006**, 314, 777-81	33.3	1478
102	The Alzheimer tangle 100 years on. **2006**, 297-304		4

101	Inhibition of heparin-induced tau filament formation by phenothiazines, polyphenols, and porphyrins. *Journal of Biological Chemistry*, **2005**, 280, 7614-23	5.4	409
100	Mutations causing neurodegenerative tauopathies. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2005**, 1739, 240-50	6.9	288
99	Neurodegenerative □Synucleinopathies **2005**, 77-94		1
98	Tau gene mutations and their effects. *Movement Disorders*, **2005**, 20 Suppl 12, S45-52	7	90
97	Abundant neuritic inclusions and microvacuolar changes in a case of diffuse Lewy body disease with the A53T mutation in the alpha-synuclein gene. *Acta Neuropathologica*, **2005**, 110, 298-305	14.3	52
96	Evidence that phosphorylation of the microtubule-associated protein Tau by SAPK4/p38delta at Thr50 promotes microtubule assembly. *Journal of Cell Science*, **2005**, 118, 397-408	5.3	106
95	Early-onset dementia with Lewy bodies. *Brain Pathology*, **2004**, 14, 137-47	6	20
94	Mutation E46K increases phospholipid binding and assembly into filaments of human alpha-synuclein. *FEBS Letters*, **2004**, 576, 363-8	3.8	210
93	Tau protein and neurodegeneration. *Seminars in Cell and Developmental Biology*, **2004**, 15, 45-9	7.5	114
92	Induction of inflammatory mediators and microglial activation in mice transgenic for mutant human P301S tau protein. *American Journal of Pathology*, **2004**, 165, 1643-52	5.8	147
91	Stress- and mitogen-induced phosphorylation of the synapse-associated protein SAP90/PSD-95 by activation of SAPK3/p38gamma and ERK1/ERK2. *Biochemical Journal*, **2004**, 380, 19-30	3.8	79
90	□Synuclein and Neurodegeneration **2004**, 204-IX		
89	Tau filaments from human brain and from in vitro assembly of recombinant protein show cross-beta structure. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 9034-8	11.5	248
88	Neurodegenerative tauopathy in the worm. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 9653-5	11.5	7
87	The neurobiology of the tauopathies **2003**, 245-261		
86	Repeat motifs of tau bind to the insides of microtubules in the absence of taxol. *EMBO Journal*, **2003**, 22, 70-7	13	251
85	Variable phenotypic expression and extensive tau pathology in two families with the novel tau mutation L315R. *Annals of Neurology*, **2003**, 54, 573-81	9.4	74
84	Abundant tau filaments and nonapoptotic neurodegeneration in transgenic mice expressing human P301S tau protein. *Journal of Neuroscience*, **2002**, 22, 9340-51	6.6	511

83	A novel tau mutation, S320F, causes a tauopathy with inclusions similar to those in Pick's disease. *Annals of Neurology*, **2002**, 51, 373-6	9.4	77
82	A Raman optical activity study of rheomorphism in caseins, synucleins and tau. New insight into the structure and behaviour of natively unfolded proteins. *FEBS Journal*, **2002**, 269, 148-56		181
81	Functional effects of tau gene mutations deltaN296 and N296H. *Journal of Neurochemistry*, **2002**, 80, 548-51	6	53
80	Proteasomal degradation of tau protein. *Journal of Neurochemistry*, **2002**, 83, 176-85	6	265
79	Functional characterization of FTDP-17 tau gene mutations through their effects on Xenopus oocyte maturation. *Journal of Biological Chemistry*, **2002**, 277, 9199-205	5.4	37
78	Biophysical properties of the synucleins and their propensities to fibrillate: inhibition of alpha-synuclein assembly by beta- and gamma-synucleins. *Journal of Biological Chemistry*, **2002**, 277, 11970-8	5.4	361
77	Molecular cloning and functional characterization of chicken brain tau: isoforms with up to five tandem repeats. *Biochemistry*, **2002**, 41, 15203-11	3.2	45
76	Phosphorylation of microtubule-associated protein tau by stress-activated protein kinases in intact cells. *FEBS Letters*, **2002**, 515, 151-4	3.8	52
75	The kinase DYRK phosphorylates protein-synthesis initiation factor eIF2Bepsilon at Ser539 and the microtubule-associated protein tau at Thr212: potential role for DYRK as a glycogen synthase kinase 3-priming kinase. *Biochemical Journal*, **2001**, 355, 609-15	3.8	266
74	Pick's disease associated with the novel Tau gene mutation K369I. *Annals of Neurology*, **2001**, 50, 503-13	9.4	120
73	Alpha-synuclein and neurodegenerative diseases. *Nature Reviews Neuroscience*, **2001**, 2, 492-501	13.5	1074
72	Parkinson's disease and other alpha-synucleinopathies. *Clinical Chemistry and Laboratory Medicine*, **2001**, 39, 308-12	5.9	75
71	From genetics to pathology: tau and alpha-synuclein assemblies in neurodegenerative diseases. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2001**, 356, 213-27	5.8	51
70	Parkinson's Disease, Dementia with Lewy Bodies, and Multiple System Atrophy as Synucleinopathies. *Methods in Molecular Medicine*, **2001**, 62, 33-59		15
69	Neurodegenerative tauopathies. *Annual Review of Neuroscience*, **2001**, 24, 1121-59	17	2089
68	Regulation of alternative splicing of human tau exon 10 by phosphorylation of splicing factors. *Molecular and Cellular Neurosciences*, **2001**, 18, 80-90	4.8	93
67	The significance of tau and alpha-synuclein inclusions in neurodegenerative diseases. *Current Opinion in Genetics and Development*, **2001**, 11, 343-51	4.9	80
66	Tau mutations altering splicing of tau exon 10 in japanese frontotemporal dementia **2001**, 81-84		

65	Tau gene mutations and tau pathology in frontotemporal dementia and parkinsonism linked to chromosome 17. *Advances in Experimental Medicine and Biology*, **2001**, 487, 21-37	3.6	10
64	The alpha-synucleinopathies: Parkinson's disease, dementia with Lewy bodies, and multiple system atrophy. *Annals of the New York Academy of Sciences*, **2000**, 920, 16-27	6.5	353
63	Progress in hereditary tauopathies: a mutation in the Tau gene (G389R) causes a Pick disease-like syndrome. *Annals of the New York Academy of Sciences*, **2000**, 920, 52-62	6.5	24
62	Tau gene mutations in frontotemporal dementia and parkinsonism linked to chromosome 17 (FTDP-17). Their relevance for understanding the neurogenerative process. *Annals of the New York Academy of Sciences*, **2000**, 920, 74-83	6.5	45
61	Reduced binding of protein phosphatase 2A to tau protein with frontotemporal dementia and parkinsonism linked to chromosome 17 mutations. *Journal of Neurochemistry*, **2000**, 75, 2155-62	6	72
60	Tau gene mutation K257T causes a tauopathy similar to Pick's disease. *Journal of Neuropathology and Experimental Neurology*, **2000**, 59, 990-1001	3.1	125
59	Synergistic activation of stress-activated protein kinase 1/c-Jun N-terminal kinase (SAPK1/JNK) isoforms by mitogen-activated protein kinase kinase 4 (MKK4) and MKK7. *Biochemical Journal*, **2000** , 352, 145-154	3.8	152
58	A panel of epitope-specific antibodies detects protein domains distributed throughout human alpha-synuclein in Lewy bodies of Parkinson's disease. *Journal of Neuroscience Research*, **2000**, 59, 528-33	4.4	171
57	A novel mutation at position +12 in the intron following Exon 10 of the tau gene in familial frontotemporal dementia (FTD-Kumamoto). *Annals of Neurology*, **2000**, 47, 422-429	9.4	93
56	A novel tau mutation (N296N) in familial dementia with swollen achromatic neurons and corticobasal inclusion bodies. *Annals of Neurology*, **2000**, 48, 939-943	9.4	124
55	Characterisation of isolated alpha-synuclein filaments from substantia nigra of Parkinson's disease brain. *Neuroscience Letters*, **2000**, 292, 128-30	3.3	122
54	Tau mutations in frontotemporal dementia FTDP-17 and their relevance for Alzheimer's disease. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2000**, 1502, 110-21	6.9	99
53	The natural osmolyte trimethylamine N-oxide (TMAO) restores the ability of mutant tau to promote microtubule assembly. *FEBS Letters*, **2000**, 484, 265-70	3.8	33
52	A novel mutation at position +12 in the intron following Exon 10 of the tau gene in familial frontotemporal dementia (FTD-Kumamoto) **2000**, 47, 422		6
51	A novel tau mutation (N296N) in familial dementia with swollen achromatic neurons and corticobasal inclusion bodies. *Annals of Neurology*, **2000**, 48, 939-43	9.4	36
50	Tau pathology in a family with dementia and a P301L mutation in tau. *Journal of Neuropathology and Experimental Neurology*, **1999**, 58, 335-45	3.1	138
49	Phosphorylation of cytosolic phospholipase A2 in platelets is mediated by multiple stress-activated protein kinase pathways. *FEBS Journal*, **1999**, 265, 195-203		48
48	Effect of SB 203580 on the activity of c-Raf in vitro and in vivo. *Oncogene*, **1999**, 18, 2047-54	9.2	140

47	High prevalence of mutations in the microtubule-associated protein tau in a population study of frontotemporal dementia in the Netherlands. *American Journal of Human Genetics*, **1999**, 64, 414-21	11	366
46	Epitope mapping of LB509, a monoclonal antibody directed against human alpha-synuclein. *Neuroscience Letters*, **1999**, 269, 13-6	3.3	90
45	Tau protein and the paired helical filament of Alzheimer's disease. *Brain Research Bulletin*, **1999**, 50, 469-70	3.9	14
44	FTDP-17 mutations N279K and S305N in tau produce increased splicing of exon 10. *FEBS Letters*, **1999**, 443, 93-6	3.8	156
43	Effects of frontotemporal dementia FTDP-17 mutations on heparin-induced assembly of tau filaments. *FEBS Letters*, **1999**, 450, 306-11	3.8	195
42	Use of a drug-resistant mutant of stress-activated protein kinase 2a/p38 to validate the in vivo specificity of SB 203580. *FEBS Letters*, **1999**, 451, 191-6	3.8	93
41	A GSK3-binding peptide from FRAT1 selectively inhibits the GSK3-catalysed phosphorylation of axin and beta-catenin. *FEBS Letters*, **1999**, 458, 247-51	3.8	183
40	Alternative splicing of synaptotagmins involving transmembrane exon skipping. *FEBS Letters*, **1999**, 460, 417-22	3.8	37
39	Filamentous nerve cell inclusions in neurodegenerative diseases: tauopathies and alpha-synucleinopathies. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **1999**, 354, 1101-18	5.8	143
38	The tauopathies: toward an experimental animal model. *American Journal of Pathology*, **1999**, 154, 1-6	5.8	46
37	Frontotemporal dementia and corticobasal degeneration in a family with a P301S mutation in tau. *Journal of Neuropathology and Experimental Neurology*, **1999**, 58, 667-77	3.1	301
36	Tau gene mutation G389R causes a tauopathy with abundant pick body-like inclusions and axonal deposits. *Journal of Neuropathology and Experimental Neurology*, **1999**, 58, 1207-26	3.1	165
35	Tau protein pathology in neurodegenerative diseases. *Trends in Neurosciences*, **1998**, 21, 428-33	13.3	567
34	Filamentous alpha-synuclein inclusions link multiple system atrophy with Parkinson's disease and dementia with Lewy bodies. *Neuroscience Letters*, **1998**, 251, 205-8	3.3	790
33	Filamentous nerve cell inclusions in neurodegenerative diseases. *Current Opinion in Neurobiology*, **1998**, 8, 619-32	7.6	233
32	Tau mutations cause frontotemporal dementias. *Neuron*, **1998**, 21, 955-8	13.9	251
31	Effect of heparin on phosphorylation site specificity of neuronal Cdc2-like kinase. *FEBS Letters*, **1998**, 423, 227-30	3.8	14
30	Synthetic filaments assembled from C-terminally truncated alpha-synuclein. *FEBS Letters*, **1998**, 436, 309-12	3.8	330

29	Tau proteins with FTDP-17 mutations have a reduced ability to promote microtubule assembly. *FEBS Letters*, **1998**, 437, 207-10	3.8	367
28	Binding of alpha-synuclein to brain vesicles is abolished by familial Parkinson's disease mutation. *Journal of Biological Chemistry*, **1998**, 273, 26292-4	5.4	402
27	Neurofibrillary pathology of Alzheimer's disease and other tauopathies. *Progress in Brain Research*, **1998**, 117, 287-306	2.9	53
26	Alzheimer-like changes in microtubule-associated protein Tau induced by sulfated glycosaminoglycans. Inhibition of microtubule binding, stimulation of phosphorylation, and filament assembly depend on the degree of sulfation. *Journal of Biological Chemistry*, **1997**, 272, 33118-24	5.4	148
25	Activation of the novel MAP kinase homologue SAPK4 by cytokines and cellular stresses is mediated by SKK3 (MKK6). *Biochemical Society Transactions*, **1997**, 25, S569	5.1	8
24	Phosphorylation of microtubule-associated protein tau by stress-activated protein kinases. *FEBS Letters*, **1997**, 409, 57-62	3.8	230
23	SKK4, a novel activator of stress-activated protein kinase-1 (SAPK1/JNK). *FEBS Letters*, **1997**, 414, 153-8	3.8	45
22	Examination of the role of endopeptidase 3.4.24.15 in A beta secretion by human transfected cells. *British Journal of Pharmacology*, **1997**, 121, 556-62	8.6	34
21	Alpha-synuclein in Lewy bodies. *Nature*, **1997**, 388, 839-40	50.4	5889
20	SAP kinase-3, a new member of the family of mammalian stress-activated protein kinases. *FEBS Letters*, **1996**, 383, 273-6	3.8	124
19	Tau protein is phosphorylated by cyclic AMP-dependent protein kinase and calcium/calmodulin-dependent protein kinase II within its microtubule-binding domains at Ser-262 and Ser-356. *Biochemical Journal*, **1996**, 316 (Pt 2), 655-60	3.8	123
18	ApoE3 binding to tau tandem repeat I is abolished by tau serine262 phosphorylation. *Neuroscience Letters*, **1995**, 192, 209-12	3.3	50
17	Glycogen synthase kinase-3 beta phosphorylates tau protein at multiple sites in intact cells. *Neuroscience Letters*, **1995**, 197, 149-53	3.3	189
16	Synaptotagmin V: a novel synaptotagmin isoform expressed in rat brain. *FEBS Letters*, **1995**, 361, 196-200	3.8	60
15	Detection of phosphorylated Ser262 in fetal tau, adult tau, and paired helical filament tau. *Journal of Biological Chemistry*, **1995**, 270, 18917-22	5.4	277
14	Identification of two distinct synucleins from human brain. *FEBS Letters*, **1994**, 345, 27-32	3.8	806
13	Tau protein and the neurofibrillary pathology of Alzheimer's disease. *Trends in Neurosciences*, **1993**, 16, 460-5	13.3	516
12	Abnormal tau phosphorylation at Ser396 in Alzheimer's disease recapitulates development and contributes to reduced microtubule binding. *Neuron*, **1993**, 10, 1089-99	13.9	765

11	p42 MAP kinase phosphorylation sites in microtubule-associated protein tau are dephosphorylated by protein phosphatase 2A1. Implications for Alzheimer's disease [corrected]. *FEBS Letters*, **1992**, 312, 95-9	3.8	238
10	The repeat region of microtubule-associated protein tau forms part of the core of the paired helical filament of Alzheimer's disease. *Annals of Medicine*, **1989**, 21, 127-32	1.5	79
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