

# Michel Goedert

## List of Publications by Citations

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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	Alpha-synuclein in Lewy bodies. <i>Nature</i> , <b>1997</b> , 388, 839-40	50.4	5889
225	Neurodegenerative tauopathies. <i>Annual Review of Neuroscience</i> , <b>2001</b> , 24, 1121-59	17	2089
224	A century of Alzheimer's disease. <i>Science</i> , <b>2006</b> , 314, 777-81	33.3	1478
223	Transmission and spreading of tauopathy in transgenic mouse brain. <i>Nature Cell Biology</i> , <b>2009</b> , 11, 909-13	33.4	1196
222	Alpha-synuclein and neurodegenerative diseases. <i>Nature Reviews Neuroscience</i> , <b>2001</b> , 2, 492-501	13.5	1074
221	Cryo-EM structures of tau filaments from Alzheimer's disease. <i>Nature</i> , <b>2017</b> , 547, 185-190	50.4	970
220	Identification of two distinct synucleins from human brain. <i>FEBS Letters</i> , <b>1994</b> , 345, 27-32	3.8	806
219	Filamentous alpha-synuclein inclusions link multiple system atrophy with Parkinson's disease and dementia with Lewy bodies. <i>Neuroscience Letters</i> , <b>1998</b> , 251, 205-8	3.3	790
218	Abnormal tau phosphorylation at Ser396 in Alzheimer's disease recapitulates development and contributes to reduced microtubule binding. <i>Neuron</i> , <b>1993</b> , 10, 1089-99	13.9	765
217	Tau pathology and neurodegeneration. <i>Lancet Neurology</i> , <b>2013</b> , 12, 609-22	24.1	698
216	100 years of Lewy pathology. <i>Nature Reviews Neurology</i> , <b>2013</b> , 9, 13-24	15	691
215	Tau protein pathology in neurodegenerative diseases. <i>Trends in Neurosciences</i> , <b>1998</b> , 21, 428-33	13.3	567
214	NEURODEGENERATION. Alzheimer's and Parkinson's diseases: The prion concept in relation to assembled A $\beta$ tau, and $\beta$ synuclein. <i>Science</i> , <b>2015</b> , 349, 1255-55	33.3	564
213	Tau protein and the neurofibrillary pathology of Alzheimer's disease. <i>Trends in Neurosciences</i> , <b>1993</b> , 16, 460-5	13.3	516
212	Brain homogenates from human tauopathies induce tau inclusions in mouse brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 9535-40	11.5	513
211	Abundant tau filaments and nonapoptotic neurodegeneration in transgenic mice expressing human P301S tau protein. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 9340-51	6.6	511
210	Inhibition of heparin-induced tau filament formation by phenothiazines, polyphenols, and porphyrins. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 7614-23	5.4	409

209	Binding of alpha-synuclein to brain vesicles is abolished by familial Parkinson's disease mutation. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 26292-4	5.4	402
208	Structures of filaments from Pick's disease reveal a novel tau protein fold. <i>Nature</i> , <b>2018</b> , 561, 137-140	50.4	387
207	Tau proteins with FTDP-17 mutations have a reduced ability to promote microtubule assembly. <i>FEBS Letters</i> , <b>1998</b> , 437, 207-10	3.8	367
206	High prevalence of mutations in the microtubule-associated protein tau in a population study of frontotemporal dementia in the Netherlands. <i>American Journal of Human Genetics</i> , <b>1999</b> , 64, 414-21	11	366
205	Biophysical properties of the synucleins and their propensities to fibrillate: inhibition of alpha-synuclein assembly by beta- and gamma-synucleins. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 11970-8	5.4	361
204	The alpha-synucleinopathies: Parkinson's disease, dementia with Lewy bodies, and multiple system atrophy. <i>Annals of the New York Academy of Sciences</i> , <b>2000</b> , 920, 16-27	6.5	353
203	The propagation of prion-like protein inclusions in neurodegenerative diseases. <i>Trends in Neurosciences</i> , <b>2010</b> , 33, 317-25	13.3	336
202	Synthetic filaments assembled from C-terminally truncated alpha-synuclein. <i>FEBS Letters</i> , <b>1998</b> , 436, 309-12	3.8	330
201	Novel tau filament fold in chronic traumatic encephalopathy encloses hydrophobic molecules. <i>Nature</i> , <b>2019</b> , 568, 420-423	50.4	306
200	Small molecule inhibitors of alpha-synuclein filament assembly. <i>Biochemistry</i> , <b>2006</b> , 45, 6085-94	3.2	301
199	Frontotemporal dementia and corticobasal degeneration in a family with a P301S mutation in tau. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1999</b> , 58, 667-77	3.1	301
198	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. <i>Acta Neuropathologica</i> , <b>2014</b> , 127, 667-83	14.3	297
197	Mutations causing neurodegenerative tauopathies. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2005</b> , 1739, 240-50	6.9	288
196	Propagation of Tau Aggregates and Neurodegeneration. <i>Annual Review of Neuroscience</i> , <b>2017</b> , 40, 189-210		278
195	Detection of phosphorylated Ser262 in fetal tau, adult tau, and paired helical filament tau. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 18917-22	5.4	277
194	Invited review: Frontotemporal dementia caused by microtubule-associated protein tau gene (MAPT) mutations: a chameleon for neuropathology and neuroimaging. <i>Neuropathology and Applied Neurobiology</i> , <b>2015</b> , 41, 24-46	5.2	275
193	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. <i>Biochemical Journal</i> , <b>2001</b> , 355, 609-15	3.8	266
192	Proteasomal degradation of tau protein. <i>Journal of Neurochemistry</i> , <b>2002</b> , 83, 176-85	6	265

191	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. <i>Journal of Neuroscience</i> , <b>2006</b> , 26, 3942-50	6.6	257
190	Tau mutations cause frontotemporal dementias. <i>Neuron</i> , <b>1998</b> , 21, 955-8	13.9	251
189	Repeat motifs of tau bind to the insides of microtubules in the absence of taxol. <i>EMBO Journal</i> , <b>2003</b> , 22, 70-7	13	251
188	Tau filaments from human brain and from in vitro assembly of recombinant protein show cross-beta structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 9034-8	11.5	248
187	Stimulation of autophagy reduces neurodegeneration in a mouse model of human tauopathy. <i>Brain</i> , <b>2012</b> , 135, 2169-77	11.2	242
186	p42 MAP kinase phosphorylation sites in microtubule-associated protein tau are dephosphorylated by protein phosphatase 2A1. Implications for Alzheimer's disease [corrected]. <i>FEBS Letters</i> , <b>1992</b> , 312, 95-9	3.8	238
185	Filamentous nerve cell inclusions in neurodegenerative diseases. <i>Current Opinion in Neurobiology</i> , <b>1998</b> , 8, 619-32	7.6	233
184	Phosphorylation of microtubule-associated protein tau by stress-activated protein kinases. <i>FEBS Letters</i> , <b>1997</b> , 409, 57-62	3.8	230
183	Mutation E46K increases phospholipid binding and assembly into filaments of human alpha-synuclein. <i>FEBS Letters</i> , <b>2004</b> , 576, 363-8	3.8	210
182	SNARE protein redistribution and synaptic failure in a transgenic mouse model of Parkinson's disease. <i>Brain</i> , <b>2010</b> , 133, 2032-44	11.2	203
181	The Synucleinopathies: Twenty Years On. <i>Journal of Parkinson's Disease</i> , <b>2017</b> , 7, S51-S69	5.3	200
180	PART is part of Alzheimer disease. <i>Acta Neuropathologica</i> , <b>2015</b> , 129, 749-56	14.3	198
179	Structures of $\beta$ -synuclein filaments from multiple system atrophy. <i>Nature</i> , <b>2020</b> , 585, 464-469	50.4	195
178	Effects of frontotemporal dementia FTDP-17 mutations on heparin-induced assembly of tau filaments. <i>FEBS Letters</i> , <b>1999</b> , 450, 306-11	3.8	195
177	Glycogen synthase kinase-3 beta phosphorylates tau protein at multiple sites in intact cells. <i>Neuroscience Letters</i> , <b>1995</b> , 197, 149-53	3.3	189
176	Novel tau filament fold in corticobasal degeneration. <i>Nature</i> , <b>2020</b> , 580, 283-287	50.4	188
175	A GSK3-binding peptide from FRAT1 selectively inhibits the GSK3-catalysed phosphorylation of axin and beta-catenin. <i>FEBS Letters</i> , <b>1999</b> , 458, 247-51	3.8	183
174	Like prions: the propagation of aggregated tau and $\beta$ -synuclein in neurodegeneration. <i>Brain</i> , <b>2017</b> , 140, 266-278	11.2	182

173	A Raman optical activity study of rheomorphism in caseins, synucleins and tau. New insight into the structure and behaviour of natively unfolded proteins. <i>FEBS Journal</i> , <b>2002</b> , 269, 148-56		181
172	Heparin-induced tau filaments are polymorphic and differ from those in Alzheimer's and Pick's diseases. <i>ELife</i> , <b>2019</b> , 8,	8.9	173
171	A panel of epitope-specific antibodies detects protein domains distributed throughout human alpha-synuclein in Lewy bodies of Parkinson's disease. <i>Journal of Neuroscience Research</i> , <b>2000</b> , 59, 528-33	4.4	171
170	What is the evidence that tau pathology spreads through prion-like propagation?. <i>Acta Neuropathologica Communications</i> , <b>2017</b> , 5, 99	7.3	168
169	Conformation determines the seeding potencies of native and recombinant Tau aggregates. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 1049-65	5.4	168
168	Tau gene mutation G389R causes a tauopathy with abundant pick body-like inclusions and axonal deposits. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1999</b> , 58, 1207-26	3.1	165
167	FTDP-17 mutations N279K and S305N in tau produce increased splicing of exon 10. <i>FEBS Letters</i> , <b>1999</b> , 443, 93-6	3.8	156
166	Rapamycin attenuates the progression of tau pathology in P301S tau transgenic mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e62459	3.7	154
165	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. <i>Biochemical Journal</i> , <b>2000</b> , 352, 145-154	3.8	152
164	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. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 33118-24	5.4	148
163	Tau protein, the paired helical filament and Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2006</b> , 9, 195-207	4.3	148
162	Induction of inflammatory mediators and microglial activation in mice transgenic for mutant human P301S tau protein. <i>American Journal of Pathology</i> , <b>2004</b> , 165, 1643-52	5.8	147
161	Filamentous nerve cell inclusions in neurodegenerative diseases: tauopathies and alpha-synucleinopathies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>1999</b> , 354, 1101-18	5.8	143
160	Tau filaments from multiple cases of sporadic and inherited Alzheimer's disease adopt a common fold. <i>Acta Neuropathologica</i> , <b>2018</b> , 136, 699-708	14.3	143
159	Effect of SB 203580 on the activity of c-Raf in vitro and in vivo. <i>Oncogene</i> , <b>1999</b> , 18, 2047-54	9.2	140
158	Tau pathology in a family with dementia and a P301L mutation in tau. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1999</b> , 58, 335-45	3.1	138
157	Rodent models for Alzheimer disease. <i>Nature Reviews Neuroscience</i> , <b>2018</b> , 19, 583-598	13.5	134
156	Why has therapy development for dementia failed in the last two decades?. <i>Alzheimer's and Dementia</i> , <b>2016</b> , 12, 60-4	1.2	128

155	Tau gene mutation K257T causes a tauopathy similar to Pick's disease. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2000</b> , 59, 990-1001	3.1	125
154	A novel tau mutation (N296N) in familial dementia with swollen achromatic neurons and corticobasal inclusion bodies. <i>Annals of Neurology</i> , <b>2000</b> , 48, 939-943	9.4	124
153	SAP kinase-3, a new member of the family of mammalian stress-activated protein kinases. <i>FEBS Letters</i> , <b>1996</b> , 383, 273-6	3.8	124
152	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. <i>Biochemical Journal</i> , <b>1996</b> , 316 ( Pt 2), 655-60	3.8	123
151	Characterisation of isolated alpha-synuclein filaments from substantia nigra of Parkinson's disease brain. <i>Neuroscience Letters</i> , <b>2000</b> , 292, 128-30	3.3	122
150	Pick's disease associated with the novel Tau gene mutation K369I. <i>Annals of Neurology</i> , <b>2001</b> , 50, 503-139.4	9.4	120
149	Tau protein and neurodegeneration. <i>Seminars in Cell and Developmental Biology</i> , <b>2004</b> , 15, 45-9	7.5	114
148	Evidence that phosphorylation of the microtubule-associated protein Tau by SAPK4/p38delta at Thr50 promotes microtubule assembly. <i>Journal of Cell Science</i> , <b>2005</b> , 118, 397-408	5.3	106
147	Long-term in vivo imaging of fibrillar tau in the retina of P301S transgenic mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e53547	5.7	105
146	Propagation of Tau aggregates. <i>Molecular Brain</i> , <b>2017</b> , 10, 18	4.5	104
145	Peripheral administration of tau aggregates triggers intracerebral tauopathy in transgenic mice. <i>Acta Neuropathologica</i> , <b>2014</b> , 127, 299-301	14.3	102
144	Frontotemporal dementia: implications for understanding Alzheimer disease. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2012</b> , 2, a006254	5.4	101
143	Invited review: Prion-like transmission and spreading of tau pathology. <i>Neuropathology and Applied Neurobiology</i> , <b>2015</b> , 41, 47-58	5.2	100
142	Tau mutations in frontotemporal dementia FTDP-17 and their relevance for Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2000</b> , 1502, 110-21	6.9	99
141	Short Fibrils Constitute the Major Species of Seed-Competent Tau in the Brains of Mice Transgenic for Human P301S Tau. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 762-72	6.6	98
140	Analysis of tau phosphorylation and truncation in a mouse model of human tauopathy. <i>American Journal of Pathology</i> , <b>2008</b> , 172, 123-31	5.8	95
139	White matter tauopathy with globular glial inclusions: a distinct sporadic frontotemporal lobar degeneration. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2008</b> , 67, 963-75	3.1	95
138	Pathogenesis of the tauopathies. <i>Journal of Molecular Neuroscience</i> , <b>2011</b> , 45, 425-31	3.3	93

137	A novel mutation at position +12 in the intron following Exon 10 of the tau gene in familial frontotemporal dementia (FTD-Kumamoto). <i>Annals of Neurology</i> , <b>2000</b> , 47, 422-429	9.4	93
136	Regulation of alternative splicing of human tau exon 10 by phosphorylation of splicing factors. <i>Molecular and Cellular Neurosciences</i> , <b>2001</b> , 18, 80-90	4.8	93
135	Use of a drug-resistant mutant of stress-activated protein kinase 2a/p38 to validate the in vivo specificity of SB 203580. <i>FEBS Letters</i> , <b>1999</b> , 451, 191-6	3.8	93
134	"Prion-like" templated misfolding in tauopathies. <i>Brain Pathology</i> , <b>2013</b> , 23, 342-9	6	91
133	A simple algorithm locates beta-strands in the amyloid fibril core of alpha-synuclein, Abeta, and tau using the amino acid sequence alone. <i>Protein Science</i> , <b>2007</b> , 16, 906-18	6.3	90
132	Tau gene mutations and their effects. <i>Movement Disorders</i> , <b>2005</b> , 20 Suppl 12, S45-52	7	90
131	Epitope mapping of LB509, a monoclonal antibody directed against human alpha-synuclein. <i>Neuroscience Letters</i> , <b>1999</b> , 269, 13-6	3.3	90
130	Tau inclusions in retinal ganglion cells of human P301S tau transgenic mice: effects on axonal viability. <i>Neurobiology of Aging</i> , <b>2011</b> , 32, 419-33	5.6	87
129	Cytosolic Fc receptor TRIM21 inhibits seeded tau aggregation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 574-579	11.5	86
128	Prion-like mechanisms in the pathogenesis of tauopathies and synucleinopathies. <i>Current Neurology and Neuroscience Reports</i> , <b>2014</b> , 14, 495	6.6	85
127	The significance of tau and alpha-synuclein inclusions in neurodegenerative diseases. <i>Current Opinion in Genetics and Development</i> , <b>2001</b> , 11, 343-51	4.9	80
126	Stress- and mitogen-induced phosphorylation of the synapse-associated protein SAP90/PSD-95 by activation of SAPK3/p38gamma and ERK1/ERK2. <i>Biochemical Journal</i> , <b>2004</b> , 380, 19-30	3.8	79
125	The repeat region of microtubule-associated protein tau forms part of the core of the paired helical filament of Alzheimer's disease. <i>Annals of Medicine</i> , <b>1989</b> , 21, 127-32	1.5	79
124	A novel tau mutation, S320F, causes a tauopathy with inclusions similar to those in Pick's disease. <i>Annals of Neurology</i> , <b>2002</b> , 51, 373-6	9.4	77
123	Cell-mediated neuroprotection in a mouse model of human tauopathy. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 9973-83	6.6	76
122	The tauopathy associated with mutation +3 in intron 10 of Tau: characterization of the MSTD family. <i>Brain</i> , <b>2008</b> , 131, 72-89	11.2	76
121	Parkinson's disease and other alpha-synucleinopathies. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2001</b> , 39, 308-12	5.9	75
120	Variable phenotypic expression and extensive tau pathology in two families with the novel tau mutation L315R. <i>Annals of Neurology</i> , <b>2003</b> , 54, 573-81	9.4	74

119	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. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 10179-92	4.8	73
118	Reduced binding of protein phosphatase 2A to tau protein with frontotemporal dementia and parkinsonism linked to chromosome 17 mutations. <i>Journal of Neurochemistry</i> , <b>2000</b> , 75, 2155-62	6	72
117	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. <i>Journal of Neurochemistry</i> , <b>2008</b> , 105, 1428-37	6	69
116	The value of incomplete mouse models of Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2008</b> , 35 Suppl 1, S70-4	8.8	68
115	Circadian clocks and neurodegenerative diseases: time to aggregate?. <i>Current Opinion in Neurobiology</i> , <b>2013</b> , 23, 880-7	7.6	67
114	Parkinson's disease--the debate on the clinical phenomenology, aetiology, pathology and pathogenesis. <i>Journal of Parkinson's Disease</i> , <b>2013</b> , 3, 1-11	5.3	67
113	Stimulation of autophagy is neuroprotective in a mouse model of human tauopathy. <i>Autophagy</i> , <b>2012</b> , 8, 1686-7	10.2	64
112	Galectin-8-mediated selective autophagy protects against seeded tau aggregation. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 2438-2451	5.4	62
111	Anti-amyloid compounds inhibit $\beta$ -synuclein aggregation induced by protein misfolding cyclic amplification (PMCA). <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 11897-11905	5.4	62
110	Cryo-EM structures of tau filaments. <i>Current Opinion in Structural Biology</i> , <b>2020</b> , 64, 17-25	8.1	61
109	Cysteine misincorporation in bacterially expressed human alpha-synuclein. <i>FEBS Letters</i> , <b>2006</b> , 580, 1775-8	9.8	61
108	Sequential phosphorylation of tau protein by cAMP-dependent protein kinase and SAPK4/p38delta or JNK2 in the presence of heparin generates the AT100 epitope. <i>Journal of Neurochemistry</i> , <b>2006</b> , 99, 154-64	6	61
107	Synaptotagmin V: a novel synaptotagmin isoform expressed in rat brain. <i>FEBS Letters</i> , <b>1995</b> , 361, 196-200	9.8	60
106	Sequence Determinants for Amyloid Fibrillogenesis of Human alpha-Synuclein. <i>Journal of Molecular Biology</i> , <b>2007</b> , 374, 454-64	6.5	59
105	Structure-based classification of tauopathies. <i>Nature</i> , <b>2021</b> , 598, 359-363	50.4	59
104	Modeling familial Danish dementia in mice supports the concept of the amyloid hypothesis of Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 7969-74	11.5	56
103	Tau filaments in neurodegenerative diseases. <i>FEBS Letters</i> , <b>2018</b> , 592, 2383-2391	3.8	56
102	Oskar Fischer and the study of dementia. <i>Brain</i> , <b>2009</b> , 132, 1102-11	11.2	54



101	Functional effects of tau gene mutations deltaN296 and N296H. <i>Journal of Neurochemistry</i> , <b>2002</b> , 80, 548-51	6	53
100	Neurofibrillary pathology of Alzheimer's disease and other tauopathies. <i>Progress in Brain Research</i> , <b>1998</b> , 117, 287-306	2.9	53
99	Abundant neuritic inclusions and microvacuolar changes in a case of diffuse Lewy body disease with the A53T mutation in the alpha-synuclein gene. <i>Acta Neuropathologica</i> , <b>2005</b> , 110, 298-305	14.3	52
98	Phosphorylation of microtubule-associated protein tau by stress-activated protein kinases in intact cells. <i>FEBS Letters</i> , <b>2002</b> , 515, 151-4	3.8	52
97	Measurement of Tau Filament Fragmentation Provides Insights into Prion-like Spreading. <i>ACS Chemical Neuroscience</i> , <b>2018</b> , 9, 1276-1282	5.7	51
96	From genetics to pathology: tau and alpha-synuclein assemblies in neurodegenerative diseases. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2001</b> , 356, 213-27	5.8	51
95	ApoE3 binding to tau tandem repeat I is abolished by tau serine262 phosphorylation. <i>Neuroscience Letters</i> , <b>1995</b> , 192, 209-12	3.3	50
94	Neurodegeneration and the ordered assembly of $\beta$ synuclein. <i>Cell and Tissue Research</i> , <b>2018</b> , 373, 137-148	4.2	50
93	Phosphorylation of cytosolic phospholipase A2 in platelets is mediated by multiple stress-activated protein kinase pathways. <i>FEBS Journal</i> , <b>1999</b> , 265, 195-203		48
92	The tauopathies: toward an experimental animal model. <i>American Journal of Pathology</i> , <b>1999</b> , 154, 1-6	5.8	46
91	The structure of cross- $\beta$ -tapes and tubes formed by an octapeptide, $\beta$ II. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 2279-83	16.4	45
90	SKK4, a novel activator of stress-activated protein kinase-1 (SAPK1/JNK). <i>FEBS Letters</i> , <b>1997</b> , 414, 153-8	3.8	45
89	Tau gene mutations in frontotemporal dementia and parkinsonism linked to chromosome 17 (FTDP-17). Their relevance for understanding the neurodegenerative process. <i>Annals of the New York Academy of Sciences</i> , <b>2000</b> , 920, 74-83	6.5	45
88	Molecular cloning and functional characterization of chicken brain tau: isoforms with up to five tandem repeats. <i>Biochemistry</i> , <b>2002</b> , 41, 15203-11	3.2	45
87	Phosphorylation of microtubule-associated protein tau by AMPK-related kinases. <i>Journal of Neurochemistry</i> , <b>2012</b> , 120, 165-76	6	44
86	Reduced axonal transport and increased excitotoxic retinal ganglion cell degeneration in mice transgenic for human mutant P301S tau. <i>PLoS ONE</i> , <b>2012</b> , 7, e34724	3.7	41
85	Inhibition of alpha-synuclein fibril assembly by small molecules: analysis using epitope-specific antibodies. <i>FEBS Letters</i> , <b>2009</b> , 583, 787-91	3.8	39
84	Impaired plasticity of cortical dendritic spines in P301S tau transgenic mice. <i>Acta Neuropathologica Communications</i> , <b>2013</b> , 1, 82	7.3	37

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