

Kenneth S Kosik

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8724390/kenneth-s-kosik-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

165
papers

20,073
citations

68
h-index

141
g-index

174
ext. papers

22,284
ext. citations

12.1
avg, IF

6.85
L-index

#	Paper	IF	Citations
165	Dynamic assembly of the mRNA m6A methyltransferase complex is regulated by METTL3 phase separation.. <i>PLoS Biology</i> , 2022 , 20, e3001535	9.7	2
164	CREST, a Cas13-Based, Rugged, Equitable, Scalable Testing (CREST) for SARS-CoV-2 Detection in Patient Samples.. <i>Current Protocols</i> , 2022 , 2, e385		0
163	A neurodegenerative disease landscape of rare mutations in Colombia due to founder effects.. <i>Genome Medicine</i> , 2022 , 14, 27	14.4	1
162	Stress routes clients to the proteasome via a BAG2 ubiquitin-independent degradation condensate. <i>Nature Communications</i> , 2022 , 13,	17.4	3
161	Human neural tube morphogenesis in vitro by geometric constraints. <i>Nature</i> , 2021 , 599, 268-272	50.4	14
160	The Multi-Partner Consortium to Expand Dementia Research in Latin America (ReDLat): Driving Multicentric Research and Implementation Science. <i>Frontiers in Neurology</i> , 2021 , 12, 631722	4.1	15
159	Patterns of neuronal Rhes as a novel hallmark of tauopathies. <i>Acta Neuropathologica</i> , 2021 , 141, 651-666	4.3	3
158	A Scalable, Easy-to-Deploy Protocol for Cas13-Based Detection of SARS-CoV-2 Genetic Material. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	44
157	Liquid-liquid phase separation of Tau by self and complex coacervation. <i>Protein Science</i> , 2021 , 30, 1393-1407	14.7	14
156	Extracellular detection of neuronal coupling. <i>Scientific Reports</i> , 2021 , 11, 14733	4.9	1
155	Liquid-Liquid Phase Separation of Tau Driven by Hydrophobic Interaction Facilitates Fibrillization of Tau. <i>Journal of Molecular Biology</i> , 2021 , 433, 166731	6.5	29
154	Dementia in Latin America: Paving the way toward a regional action plan. <i>Alzheimer's and Dementia</i> , 2021 , 17, 295-313	1.2	26
153	A Fast and Accessible Method for the Isolation of RNA, DNA, and Protein To Facilitate the Detection of SARS-CoV-2. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	7
152	miR-142-3p regulates cortical oligodendrocyte gene co-expression networks associated with tauopathy. <i>Human Molecular Genetics</i> , 2021 , 30, 103-118	5.6	0
151	Comparison of Severe Acute Respiratory Syndrome Coronavirus 2 Screening Using Reverse Transcriptase-Quantitative Polymerase Chain Reaction or CRISPR-Based Assays in Asymptomatic College Students. <i>JAMA Network Open</i> , 2021 , 4, e2037129	10.4	6
150	High-content image-based analysis and proteomic profiling identifies Tau phosphorylation inhibitors in a human iPSC-derived glutamatergic neuronal model of tauopathy. <i>Scientific Reports</i> , 2021 , 11, 17029	4.9	1
149	LRP1 is a master regulator of tau uptake and spread. <i>Nature</i> , 2020 , 580, 381-385	50.4	144

148	The proline-rich domain promotes Tau liquid-liquid phase separation in cells. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	27
147	Microglial microRNAs mediate sex-specific responses to tau pathology. <i>Nature Neuroscience</i> , 2020 , 23, 167-171	25.5	40
146	Tau PTM Profiles Identify Patient Heterogeneity and Stages of Alzheimer's Disease. <i>Cell</i> , 2020 , 183, 1699-1713.e19	36.1	19
145	COVID-19 in older people with cognitive impairment in Latin America. <i>Lancet Neurology</i> , 2020 , 19, 719-721	24.1	17
144	Control over single-cell distribution of G1 lengths by WNT governs pluripotency. <i>PLoS Biology</i> , 2019 , 17, e3000453	9.7	6
143	Pathogenic Tau Impairs Axon Initial Segment Plasticity and Excitability Homeostasis. <i>Neuron</i> , 2019 , 104, 458-470.e5	13.9	49
142	iPSCs-derived nerve-like cells from familial Alzheimer's disease PSEN 1 E280A reveal increased amyloid-beta levels and loss of the Y chromosome. <i>Neuroscience Letters</i> , 2019 , 703, 111-118	3.3	5
141	A farnesyltransferase inhibitor activates lysosomes and reduces tau pathology in mice with tauopathy. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	46
140	In vitro validation of in silico identified inhibitory interactions. <i>Journal of Neuroscience Methods</i> , 2019 , 321, 39-48	3	
139	A Comprehensive Resource for Induced Pluripotent Stem Cells from Patients with Primary Tauopathies. <i>Stem Cell Reports</i> , 2019 , 13, 939-955	8	28
138	Narrow equilibrium window for complex coacervation of tau and RNA under cellular conditions. <i>ELife</i> , 2019 , 8,	8.9	72
137	Tau Condensates. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1184, 327-339	3.6	6
136	Genetic origin of a large family with a novel PSEN1 mutation (Ile416Thr). <i>Alzheimer's and Dementia</i> , 2019 , 15, 709-719	1.2	14
135	Resistance to autosomal dominant Alzheimer's disease in an APOE3 Christchurch homozygote: a case report. <i>Nature Medicine</i> , 2019 , 25, 1680-1683	50.5	171
134	Cell biology in support of neurological research: 2018 highlights. <i>Lancet Neurology</i> , 2019 , 18, 19-20	24.1	
133	Tau Internalization is Regulated by 6-O Sulfation on Heparan Sulfate Proteoglycans (HSPGs). <i>Scientific Reports</i> , 2018 , 8, 6382	4.9	104
132	Evolution of New miRNAs and Cerebro-Cortical Development. <i>Annual Review of Neuroscience</i> , 2018 , 41, 119-137	17	15
131	Action potential propagation recorded from single axonal arbors using multielectrode arrays. <i>Journal of Neurophysiology</i> , 2018 , 120, 306-320	3.2	4

130	MEA Viewer: A high-performance interactive application for visualizing electrophysiological data. <i>PLoS ONE</i> , 2018 , 13, e0192477	3.7	10
129	Regulation of cell-type-specific transcriptomes by microRNA networks during human brain development. <i>Nature Neuroscience</i> , 2018 , 21, 1784-1792	25.5	72
128	Cofactors are essential constituents of stable and seeding-active tau fibrils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 13234-13239	11.5	47
127	A microRNA-mRNA expression network during oral siphon regeneration in. <i>Development (Cambridge)</i> , 2017 , 144, 1787-1797	6.6	13
126	The Role of Chromatin Density in Cell Population Heterogeneity during Stem Cell Differentiation. <i>Scientific Reports</i> , 2017 , 7, 13307	4.9	9
125	iPhemap: an atlas of phenotype to genotype relationships of human iPSC models of neurological diseases. <i>EMBO Molecular Medicine</i> , 2017 , 9, 1742-1762	12	20
124	Enhanced Neuronal Regeneration in the CAST/Ei Mouse Strain Is Linked to Expression of Differentiation Markers after Injury. <i>Cell Reports</i> , 2017 , 20, 1136-1147	10.6	16
123	A molecular signature for anastasis, recovery from the brink of apoptotic cell death. <i>Journal of Cell Biology</i> , 2017 , 216, 3355-3368	7.3	62
122	RNA stores tau reversibly in complex coacervates. <i>PLoS Biology</i> , 2017 , 15, e2002183	9.7	158
121	Fast motif discovery in short sequences 2016 ,		7
120	MCP-1 and eotaxin-1 selectively and negatively associate with memory in MCI and Alzheimer's disease dementia phenotypes. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016 , 3, 91-7	5.2	37
119	A Primate lncRNA Mediates Notch Signaling during Neuronal Development by Sequestering miRNA. <i>Neuron</i> , 2016 , 90, 1174-1188	13.9	95
118	Haploinsufficiency of BAZ1B contributes to Williams syndrome through transcriptional dysregulation of neurodevelopmental pathways. <i>Human Molecular Genetics</i> , 2016 , 25, 1294-306	5.6	46
117	Tracking Down Mutations Cell by Cell. <i>Neuron</i> , 2016 , 89, 1126-1127	13.9	2
116	Primary Cilium-Autophagy-Nrf2 (PAN) Axis Activation Commits Human Embryonic Stem Cells to a Neuroectoderm Fate. <i>Cell</i> , 2016 , 165, 410-20	56.2	60
115	FLEXITau: Quantifying Post-translational Modifications of Tau Protein in Vitro and in Human Disease. <i>Analytical Chemistry</i> , 2016 , 88, 3704-14	7.8	74
114	Detection of Prokaryotic Genes in the <i>Amphimedon queenslandica</i> Genome. <i>PLoS ONE</i> , 2016 , 11, e0151092	9.7	11
113	Life at Low Copy Number: How Dendrites Manage with So Few mRNAs. <i>Neuron</i> , 2016 , 92, 1168-1180	13.9	33

112	Human iPSC-Derived Neuronal Model of Tau-A152T Frontotemporal Dementia Reveals Tau-Mediated Mechanisms of Neuronal Vulnerability. <i>Stem Cell Reports</i> , 2016 , 7, 325-340	8	68
111	Homozygosity of the autosomal dominant Alzheimer disease presenilin 1 E280A mutation. <i>Neurology</i> , 2015 , 84, 206-8	6.5	14
110	Tau immunization: a cautionary tale?. <i>Neurobiology of Aging</i> , 2015 , 36, 1316-32	5.6	25
109	Tamoxifen inhibits CDK5 kinase activity by interacting with p35/p25 and modulates the pattern of tau phosphorylation. <i>Chemistry and Biology</i> , 2015 , 22, 472-482		23
108	Personalized medicine for effective Alzheimer disease treatment. <i>JAMA Neurology</i> , 2015 , 72, 497-8	17.2	13
107	Genomic DISC1 Disruption in hiPSCs Alters Wnt Signaling and Neural Cell Fate. <i>Cell Reports</i> , 2015 , 12, 1414-29	10.6	77
106	Developmental attenuation of N-methyl-D-aspartate receptor subunit expression by microRNAs. <i>Neural Development</i> , 2015 , 10, 20	3.9	14
105	Robust Axonal Regeneration Occurs in the Injured CAST/Ei Mouse CNS. <i>Neuron</i> , 2015 , 86, 1215-27	13.9	60
104	The outer subventricular zone and primate-specific cortical complexification. <i>Neuron</i> , 2015 , 85, 683-94	13.9	191
103	βSecretase 1 Targeting Reduces Hyperphosphorylated Tau, Implying Autophagy Actors in 3xTg-AD Mice. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 498	6.1	16
102	Particle Display: A Quantitative Screening Method for Generating High-Affinity Aptamers. <i>Angewandte Chemie</i> , 2014 , 126, 4896-4901	3.6	16
101	Origin of the PSEN1 E280A mutation causing early-onset Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2014 , 10, S277-S283.e10	1.2	26
100	SMN regulates axonal local translation via miR-183/mTOR pathway. <i>Human Molecular Genetics</i> , 2014 , 23, 6318-31	5.6	102
99	Nrf2, a regulator of the proteasome, controls self-renewal and pluripotency in human embryonic stem cells. <i>Stem Cells</i> , 2014 , 32, 2616-25	5.8	116
98	A quantitative framework to evaluate modeling of cortical development by neural stem cells. <i>Neuron</i> , 2014 , 83, 69-86	13.9	138
97	Synaptic dysregulation in a human iPS cell model of mental disorders. <i>Nature</i> , 2014 , 515, 414-8	50.4	376
96	Long- and short-term CDK5 knockdown prevents spatial memory dysfunction and tau pathology of triple transgenic Alzheimer's mice. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 243	5.3	27
95	MOV10 and FMRP regulate AGO2 association with microRNA recognition elements. <i>Cell Reports</i> , 2014 , 9, 1729-1741	10.6	73

94	Parallel discovery of Alzheimer's therapeutics. <i>Science Translational Medicine</i> , 2014 , 6, 241cm5	17.5	34
93	Novel primate miRNAs coevolved with ancient target genes in germinal zone-specific expression patterns. <i>Neuron</i> , 2014 , 81, 1255-1262	13.9	61
92	Diaminotiazoles modify Tau phosphorylation and improve the tauopathy in mouse models. <i>Journal of Biological Chemistry</i> , 2013 , 288, 22042-56	5.4	31
91	Staged miRNA re-regulation patterns during reprogramming. <i>Genome Biology</i> , 2013 , 14, R149	18.3	12
90	Exploratory data from complete genomes of familial Alzheimer disease age-at-onset outliers. <i>Human Mutation</i> , 2012 , 33, 1630-4	4.7	13
89	Florbetapir PET analysis of amyloid- β deposition in the presenilin 1 E280A autosomal dominant Alzheimer's disease kindred: a cross-sectional study. <i>Lancet Neurology</i> , 2012 , 11, 1057-65	24.1	178
88	Mechanisms of age-related cognitive change and targets for intervention: epigenetics. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012 , 67, 741-6	6.4	51
87	Deep annotation of mouse iso-miR and iso-moR variation. <i>Nucleic Acids Research</i> , 2012 , 40, 5864-75	20.1	72
86	NMDA mediated contextual conditioning changes miRNA expression. <i>PLoS ONE</i> , 2011 , 6, e24682	3.7	48
85	Alzheimer's Prevention Initiative: a plan to accelerate the evaluation of presymptomatic treatments. <i>Journal of Alzheimer's Disease</i> , 2011 , 26 Suppl 3, 321-9	4.3	275
84	The miRNA System: Bifurcation Points of Cancer and Neurodegeneration. <i>Research and Perspectives in Alzheimer's Disease</i> , 2011 , 133-142		
83	MicroRNA regulation of neural stem cells and neurogenesis. <i>Journal of Neuroscience</i> , 2010 , 30, 14931-6	6.6	168
82	MicroRNAs and cellular phenotypy. <i>Cell</i> , 2010 , 143, 21-6	56.2	97
81	Profiling the microRNAs. <i>Research and Perspectives in Neurosciences</i> , 2010 , 1-8		
80	The cochaperone BAG2 sweeps paired helical filament- insoluble tau from the microtubule. <i>Journal of Neuroscience</i> , 2009 , 29, 2151-61	6.6	129
79	MicroRNAs tell an evo-devo story. <i>Nature Reviews Neuroscience</i> , 2009 , 10, 754-9	13.5	43
78	MicroRNA-145 regulates OCT4, SOX2, and KLF4 and represses pluripotency in human embryonic stem cells. <i>Cell</i> , 2009 , 137, 647-58	56.2	945
77	MicroRNAs potentiate neural development. <i>Neuron</i> , 2009 , 64, 303-9	13.9	278

76	A coordinated local translational control point at the synapse involving relief from silencing and MOV10 degradation. <i>Neuron</i> , 2009 , 64, 871-84	13.9	189
75	Exploring the early origins of the synapse by comparative genomics. <i>Biology Letters</i> , 2009 , 5, 108-11	3.6	22
74	Noncoding RNAs in Long-Term Memory Formation. <i>Neuroscientist</i> , 2008 , 14, 434-45	7.6	110
73	Regulation of AMPA receptor trafficking by delta-catenin. <i>Molecular and Cellular Neurosciences</i> , 2008 , 39, 499-507	4.8	21
72	MicroRNA-21 targets a network of key tumor-suppressive pathways in glioblastoma cells. <i>Cancer Research</i> , 2008 , 68, 8164-72	10.1	580
71	Reconstructing ancestral genome content based on symmetrical best alignments and Dollo parsimony. <i>Bioinformatics</i> , 2008 , 24, 606-12	7.2	15
70	Heterogeneous dysregulation of microRNAs across the autism spectrum. <i>Neurogenetics</i> , 2008 , 9, 153-613		208
69	Somatodendritic microRNAs identified by laser capture and multiplex RT-PCR. <i>Rna</i> , 2007 , 13, 1224-34	5.8	152
68	A post-synaptic scaffold at the origin of the animal kingdom. <i>PLoS ONE</i> , 2007 , 2, e506	3.7	190
67	Detection of a microRNA signal in an in vivo expression set of mRNAs. <i>PLoS ONE</i> , 2007 , 2, e804	3.7	55
66	Traveling the tau pathway: a personal account. <i>Journal of Alzheimer's Disease</i> , 2006 , 9, 251-6	4.3	5
65	The neuronal microRNA system. <i>Nature Reviews Neuroscience</i> , 2006 , 7, 911-20	13.5	657
64	Specific microRNAs modulate embryonic stem cell-derived neurogenesis. <i>Stem Cells</i> , 2006 , 24, 857-64	5.8	552
63	MicroRNA-21 is an antiapoptotic factor in human glioblastoma cells. <i>Cancer Research</i> , 2005 , 65, 6029-33	10.1	2126
62	Phosphorylated tau and the neurodegenerative foldopathies. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1739, 298-310	6.9	101
61	The Elegance of the MicroRNAs: A Neuronal Perspective. <i>Neuron</i> , 2005 , 47, 779-82	13.9	138
60	MicroRNA profiling of the murine hematopoietic system. <i>Genome Biology</i> , 2005 , 6, R71	18.3	356
59	Delta-catenin at the synaptic-adherens junction. <i>Trends in Cell Biology</i> , 2005 , 15, 172-8	18.3	50

58 miRNAs in the brain and the application of RNAi to neurons **2005**, 84-100

57	Teaching resources. A model for local regulation of translation near active synapses. <i>Science Signaling</i> , 2005 , 2005, tr25	8.8	6
56	Development of an assay to screen for inhibitors of tau phosphorylation by cdk5. <i>Journal of Biomolecular Screening</i> , 2004 , 9, 122-31		12
55	Deletion of the neuron-specific protein delta-catenin leads to severe cognitive and synaptic dysfunction. <i>Current Biology</i> , 2004 , 14, 1657-63	6.3	122
54	Identification of many microRNAs that copurify with polyribosomes in mammalian neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 360-5	11.5	483
53	A microRNA array reveals extensive regulation of microRNAs during brain development. <i>Rna</i> , 2003 , 9, 1274-81	5.8	834
52	Dual regulation of neuronal morphogenesis by a delta-catenin-cortactin complex and Rho. <i>Journal of Cell Biology</i> , 2003 , 162, 99-111	7.3	97
51	Synaptic tagging -- who's it?. <i>Nature Reviews Neuroscience</i> , 2002 , 3, 813-20	13.5	180
50	Discovery of compounds that will prevent tau pathology. <i>Journal of Molecular Neuroscience</i> , 2002 , 19, 261-6	3.3	11
49	The Erbin PDZ domain binds with high affinity and specificity to the carboxyl termini of delta-catenin and ARVCF. <i>Journal of Biological Chemistry</i> , 2002 , 277, 12906-14	5.4	120
48	The message and the messenger: delivering RNA in neurons. <i>Science Signaling</i> , 2002 , 2002, pe16	8.8	20
47	Competition for microtubule-binding with dual expression of tau missense and splice isoforms. <i>Molecular Biology of the Cell</i> , 2001 , 12, 171-84	3.5	94
46	Neuronal RNA granules: a link between RNA localization and stimulation-dependent translation. <i>Neuron</i> , 2001 , 32, 683-96	13.9	429
45	The long reach of evolution and development. Effects on the Alzheimer brain. <i>Annals of the New York Academy of Sciences</i> , 2000 , 924, 76-80	6.5	1
44	β-catenin is a nervous system-specific adherens junction protein which undergoes dynamic relocalization during development. <i>Journal of Comparative Neurology</i> , 2000 , 420, 261-276	3.4	64
43	CaMKIIα 3' untranslated region-directed mRNA translocation in living neurons: visualization by GFP linkage. <i>Journal of Neuroscience</i> , 2000 , 20, 6385-93	6.6	237
42	Neuropsychological Profile of a Large Kindred with Familial Alzheimer's Disease Caused by the E280A Single Presenilin-1 Mutation. <i>Archives of Clinical Neuropsychology</i> , 2000 , 15, 515-528	2.7	81
41	Presenilin affects arm/β-catenin localization and function in <i>Drosophila</i> . <i>Developmental Biology</i> , 2000 , 227, 450-64	3.1	48

40	Hemizyosity of delta-catenin (CTNND2) is associated with severe mental retardation in cri-du-chat syndrome. <i>Genomics</i> , 2000 , 63, 157-64	4.3	136
39	delta-catenin, an adhesive junction-associated protein which promotes cell scattering. <i>Journal of Cell Biology</i> , 1999 , 144, 519-32	7.3	156
38	A detergent-insoluble membrane compartment contains A beta in vivo. <i>Nature Medicine</i> , 1998 , 4, 730-4	50.5	370
37	Sorting of beta-actin mRNA and protein to neurites and growth cones in culture. <i>Journal of Neuroscience</i> , 1998 , 18, 251-65	6.6	391
36	Presenilin interactions and Alzheimer's disease. <i>Science</i> , 1998 , 279, 463-5	33.3	7
35	Presenilin 1 interaction in the brain with a novel member of the Armadillo family. <i>NeuroReport</i> , 1997 , 8, 2085-90	1.7	211
34	E280A PS-1 mutation causes Alzheimer's disease but age of onset is not modified by ApoE alleles. <i>Human Mutation</i> , 1997 , 10, 186-95	4.7	59
33	E280A PS-1 mutation causes Alzheimer's disease but age of onset is not modified by ApoE alleles 1997 , 10, 186		4
32	A tau promoter region without neuronal specificity. <i>Journal of Neurochemistry</i> , 1996 , 66, 2257-63	6	37
31	Translocation of RNA granules in living neurons. <i>Journal of Neuroscience</i> , 1996 , 16, 7812-20	6.6	367
30	The E280A presenilin 1 Alzheimer mutation produces increased A beta 42 deposition and severe cerebellar pathology. <i>Nature Medicine</i> , 1996 , 2, 1146-50	50.5	440
29	Inhibition of kinesin synthesis in vivo inhibits the rapid transport of representative proteins for three transport vesicle classes into the axon. <i>Journal of Neurochemistry</i> , 1995 , 64, 2374-6	6	32
28	Microtubule-associated protein function: lessons from expression in <i>Spodoptera frugiperda</i> cells. <i>Cytoskeleton</i> , 1994 , 28, 195-8		35
27	Organization of actin and microtubules during process formation in tau-expressing Sf9 cells. <i>Cytoskeleton</i> , 1994 , 28, 256-64		32
26	The molecular and cellular biology of tau. <i>Brain Pathology</i> , 1993 , 3, 39-43	6	95
25	Structure and novel exons of the human tau gene. <i>Biochemistry</i> , 1992 , 31, 10626-33	3.2	494
24	Suppression of MAP2 in cultured cerebellar macroneurons inhibits minor neurite formation. <i>Neuron</i> , 1992 , 9, 607-18	13.9	237
23	Tau protein and the establishment of an axonal morphology. <i>Journal of Cell Science</i> , 1991 , 15, 69-74	5.3	32

22	Hippocampal neurons predisposed to neurofibrillary tangle formation are enriched in type II calcium/calmodulin-dependent protein kinase. <i>Journal of Neuropathology and Experimental Neurology</i> , 1990 , 49, 49-63	3.1	93
21	Inhibition of neurite polarity by tau antisense oligonucleotides in primary cerebellar neurons. <i>Nature</i> , 1990 , 343, 461-3	50.4	568
20	Along the way to a neurofibrillary tangle: a look at the structure of tau. <i>Annals of Medicine</i> , 1989 , 21, 109-12	1.5	26
19	The molecular and cellular pathology of Alzheimer neurofibrillary lesions. <i>Journal of Gerontology</i> , 1989 , 44, B55-8		22
18	Immunocytochemical characterization of neurofibrillary tangles in amyotrophic lateral sclerosis and parkinsonism-dementia of Guam. <i>Annals of Neurology</i> , 1989 , 25, 146-51	9.4	92
17	Tau in situ hybridization in normal and Alzheimer brain: localization in the somatodendritic compartment. <i>Annals of Neurology</i> , 1989 , 26, 352-61	9.4	70
16	Microtubular reorganization and dendritic growth response in Alzheimer's disease. <i>Annals of Neurology</i> , 1989 , 26, 652-9	9.4	155
15	Developmentally regulated expression of specific tau sequences. <i>Neuron</i> , 1989 , 2, 1389-97	13.9	534
14	The microtubule binding domain of tau protein. <i>Neuron</i> , 1989 , 2, 1615-24	13.9	397
13	Partial sequence of MAP2 in the region of a shared epitope with Alzheimer neurofibrillary tangles. <i>Journal of Neurochemistry</i> , 1988 , 51, 587-98	6	53
12	The monoclonal antibody, Alz 50, recognizes tau proteins in Alzheimer's disease brain. <i>Neuroscience Letters</i> , 1988 , 87, 240-6	3.3	87
11	Tau antisera recognize neurofibrillary tangles in a range of neurodegenerative disorders. <i>Annals of Neurology</i> , 1987 , 22, 514-20	9.4	107
10	Axonal disruption and aberrant localization of tau protein characterize the neuropil pathology of Alzheimer's disease. <i>Annals of Neurology</i> , 1987 , 22, 639-43	9.4	313
9	Identification of cDNA clones for the human microtubule-associated protein tau and chromosomal localization of the genes for tau and microtubule-associated protein 2. <i>Molecular Brain Research</i> , 1986 , 387, 271-80		359
8	Characterization of postmortem human brain proteins by two-dimensional gel electrophoresis. <i>Journal of Neurochemistry</i> , 1982 , 39, 1529-38	6	18
7	Cell Population Effects in a Mouse Tauopathy Model Identified by Single Cell Sequencing		1
6	A Fast and Accessible Method for the Isolation of RNA, DNA, and Protein to Facilitate the Detection of SARS-CoV-2		3
5	A Scalable, Easy-to-Deploy, Protocol for Cas13-Based Detection of SARS-CoV-2 Genetic Material		23

4	CRISPR-based and RT-qPCR surveillance of SARS-CoV-2 in asymptomatic individuals uncovers a shift in viral prevalence among a university population	4
3	Narrow equilibrium window for complex coacervation of tau and RNA under cellular conditions	4
2	Human brain organoid networks	3
1	Self-organized morphogenesis of a human neural tube in vitro by geometric constraints	2