

Kenneth S Kosik

List of Publications by Citations

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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.

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	MicroRNA-21 is an antiapoptotic factor in human glioblastoma cells. <i>Cancer Research</i> , 2005 , 65, 6029-33	10.1	2126
164	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
163	A microRNA array reveals extensive regulation of microRNAs during brain development. <i>Rna</i> , 2003 , 9, 1274-81	5.8	834
162	The neuronal microRNA system. <i>Nature Reviews Neuroscience</i> , 2006 , 7, 911-20	13.5	657
161	MicroRNA-21 targets a network of key tumor-suppressive pathways in glioblastoma cells. <i>Cancer Research</i> , 2008 , 68, 8164-72	10.1	580
160	Inhibition of neurite polarity by tau antisense oligonucleotides in primary cerebellar neurons. <i>Nature</i> , 1990 , 343, 461-3	50.4	568
159	Specific microRNAs modulate embryonic stem cell-derived neurogenesis. <i>Stem Cells</i> , 2006 , 24, 857-64	5.8	552
158	Developmentally regulated expression of specific tau sequences. <i>Neuron</i> , 1989 , 2, 1389-97	13.9	534
157	Structure and novel exons of the human tau gene. <i>Biochemistry</i> , 1992 , 31, 10626-33	3.2	494
156	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
155	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
154	Neuronal RNA granules: a link between RNA localization and stimulation-dependent translation. <i>Neuron</i> , 2001 , 32, 683-96	13.9	429
153	The microtubule binding domain of tau protein. <i>Neuron</i> , 1989 , 2, 1615-24	13.9	397
152	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
151	Synaptic dysregulation in a human iPS cell model of mental disorders. <i>Nature</i> , 2014 , 515, 414-8	50.4	376
150	A detergent-insoluble membrane compartment contains A beta in vivo. <i>Nature Medicine</i> , 1998 , 4, 730-4	50.5	370
149	Translocation of RNA granules in living neurons. <i>Journal of Neuroscience</i> , 1996 , 16, 7812-20	6.6	367

148	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
147	MicroRNA profiling of the murine hematopoietic system. <i>Genome Biology</i> , 2005 , 6, R71	18.3	356
146	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
145	MicroRNAs potentiate neural development. <i>Neuron</i> , 2009 , 64, 303-9	13.9	278
144	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
143	CaMKIIalpha 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
142	Suppression of MAP2 in cultured cerebellar macroneurons inhibits minor neurite formation. <i>Neuron</i> , 1992 , 9, 607-18	13.9	237
141	Presenilin 1 interaction in the brain with a novel member of the Armadillo family. <i>NeuroReport</i> , 1997 , 8, 2085-90	1.7	211
140	Heterogeneous dysregulation of microRNAs across the autism spectrum. <i>Neurogenetics</i> , 2008 , 9, 153-61	3	208
139	The outer subventricular zone and primate-specific cortical complexification. <i>Neuron</i> , 2015 , 85, 683-94	13.9	191
138	A post-synaptic scaffold at the origin of the animal kingdom. <i>PLoS ONE</i> , 2007 , 2, e506	3.7	190
137	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
136	Synaptic tagging -- who's it?. <i>Nature Reviews Neuroscience</i> , 2002 , 3, 813-20	13.5	180
135	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
134	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
133	MicroRNA regulation of neural stem cells and neurogenesis. <i>Journal of Neuroscience</i> , 2010 , 30, 14931-6	6.6	168
132	RNA stores tau reversibly in complex coacervates. <i>PLoS Biology</i> , 2017 , 15, e2002183	9.7	158
131	delta-catenin, an adhesive junction-associated protein which promotes cell scattering. <i>Journal of Cell Biology</i> , 1999 , 144, 519-32	7.3	156

130	Microtubular reorganization and dendritic growth response in Alzheimer's disease. <i>Annals of Neurology</i> , 1989 , 26, 652-9	9.4	155
129	Somatodendritic microRNAs identified by laser capture and multiplex RT-PCR. <i>Rna</i> , 2007 , 13, 1224-34	5.8	152
128	LRP1 is a master regulator of tau uptake and spread. <i>Nature</i> , 2020 , 580, 381-385	50.4	144
127	A quantitative framework to evaluate modeling of cortical development by neural stem cells. <i>Neuron</i> , 2014 , 83, 69-86	13.9	138
126	The Elegance of the MicroRNAs: A Neuronal Perspective. <i>Neuron</i> , 2005 , 47, 779-82	13.9	138
125	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
124	The cochaperone BAG2 sweeps paired helical filament- insoluble tau from the microtubule. <i>Journal of Neuroscience</i> , 2009 , 29, 2151-61	6.6	129
123	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
122	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
121	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
120	Noncoding RNAs in Long-Term Memory Formation. <i>Neuroscientist</i> , 2008 , 14, 434-45	7.6	110
119	Tau PTM Profiles Identify Patient Heterogeneity and Stages of Alzheimer's Disease. <i>Cell</i> , 2020 , 183, 1699-1713.e13	47.13	109
118	Tau antisera recognize neurofibrillary tangles in a range of neurodegenerative disorders. <i>Annals of Neurology</i> , 1987 , 22, 514-20	9.4	107
117	Tau Internalization is Regulated by 6-O Sulfation on Heparan Sulfate Proteoglycans (HSPGs). <i>Scientific Reports</i> , 2018 , 8, 6382	4.9	104
116	SMN regulates axonal local translation via miR-183/mTOR pathway. <i>Human Molecular Genetics</i> , 2014 , 23, 6318-31	5.6	102
115	Phosphorylated tau and the neurodegenerative foldopathies. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005 , 1739, 298-310	6.9	101
114	MicroRNAs and cellular phenotypy. <i>Cell</i> , 2010 , 143, 21-6	56.2	97
113	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

112	A Primate lncRNA Mediates Notch Signaling during Neuronal Development by Sequestering miRNA. <i>Neuron</i> , 2016 , 90, 1174-1188	13.9	95
111	The molecular and cellular biology of tau. <i>Brain Pathology</i> , 1993 , 3, 39-43	6	95
110	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
109	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
108	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
107	The monoclonal antibody, Alz 50, recognizes tau proteins in Alzheimer's disease brain. <i>Neuroscience Letters</i> , 1988 , 87, 240-6	3.3	87
106	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
105	Genomic DISC1 Disruption in hiPSCs Alters Wnt Signaling and Neural Cell Fate. <i>Cell Reports</i> , 2015 , 12, 1414-29	10.6	77
104	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
103	MOV10 and FMRP regulate AGO2 association with microRNA recognition elements. <i>Cell Reports</i> , 2014 , 9, 1729-1741	10.6	73
102	Deep annotation of mouse iso-miR and iso-moR variation. <i>Nucleic Acids Research</i> , 2012 , 40, 5864-75	20.1	72
101	Narrow equilibrium window for complex coacervation of tau and RNA under cellular conditions. <i>ELife</i> , 2019 , 8,	8.9	72
100	Regulation of cell-type-specific transcriptomes by microRNA networks during human brain development. <i>Nature Neuroscience</i> , 2018 , 21, 1784-1792	25.5	72
99	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
98	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
97	Ecatenin 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
96	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
95	Novel primate miRNAs coevolved with ancient target genes in germinal zone-specific expression patterns. <i>Neuron</i> , 2014 , 81, 1255-1262	13.9	61

94	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
93	Robust Axonal Regeneration Occurs in the Injured CAST/Ei Mouse CNS. <i>Neuron</i> , 2015 , 86, 1215-27	13.9	60
92	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
91	Detection of a microRNA signal in an in vivo expression set of mRNAs. <i>PLoS ONE</i> , 2007 , 2, e804	3.7	55
90	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
89	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
88	Delta-catenin at the synaptic-adherens junction. <i>Trends in Cell Biology</i> , 2005 , 15, 172-8	18.3	50
87	Pathogenic Tau Impairs Axon Initial Segment Plasticity and Excitability Homeostasis. <i>Neuron</i> , 2019 , 104, 458-470.e5	13.9	49
86	NMDA mediated contextual conditioning changes miRNA expression. <i>PLoS ONE</i> , 2011 , 6, e24682	3.7	48
85	Presenilin affects arm/beta-catenin localization and function in Drosophila. <i>Developmental Biology</i> , 2000 , 227, 450-64	3.1	48
84	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
83	A farnesyltransferase inhibitor activates lysosomes and reduces tau pathology in mice with tauopathy. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	46
82	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
81	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
80	MicroRNAs tell an evo-devo story. <i>Nature Reviews Neuroscience</i> , 2009 , 10, 754-9	13.5	43
79	Microglial microRNAs mediate sex-specific responses to tau pathology. <i>Nature Neuroscience</i> , 2020 , 23, 167-171	25.5	40
78	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
77	A tau promoter region without neuronal specificity. <i>Journal of Neurochemistry</i> , 1996 , 66, 2257-63	6	37

76	Microtubule-associated protein function: lessons from expression in <i>Spodoptera frugiperda</i> cells. <i>Cytoskeleton</i> , 1994 , 28, 195-8		35
75	Parallel discovery of Alzheimer's therapeutics. <i>Science Translational Medicine</i> , 2014 , 6, 241cm5	17.5	34
74	Life at Low Copy Number: How Dendrites Manage with So Few mRNAs. <i>Neuron</i> , 2016 , 92, 1168-1180	13.9	33
73	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
72	Organization of actin and microtubules during process formation in tau-expressing SF9 cells. <i>Cytoskeleton</i> , 1994 , 28, 256-64		32
71	Tau protein and the establishment of an axonal morphology. <i>Journal of Cell Science</i> , 1991 , 15, 69-74	5.3	32
70	Diaminotriazoles modify Tau phosphorylation and improve the tauopathy in mouse models. <i>Journal of Biological Chemistry</i> , 2013 , 288, 22042-56	5.4	31
69	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
68	A Comprehensive Resource for Induced Pluripotent Stem Cells from Patients with Primary Tauopathies. <i>Stem Cell Reports</i> , 2019 , 13, 939-955	8	28
67	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
66	The proline-rich domain promotes Tau liquid-liquid phase separation in cells. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	27
65	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
64	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
63	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
62	Tau immunization: a cautionary tale?. <i>Neurobiology of Aging</i> , 2015 , 36, 1316-32	5.6	25
61	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
60	A Scalable, Easy-to-Deploy, Protocol for Cas13-Based Detection of SARS-CoV-2 Genetic Material		23
59	Exploring the early origins of the synapse by comparative genomics. <i>Biology Letters</i> , 2009 , 5, 108-11	3.6	22

58	The molecular and cellular pathology of Alzheimer neurofibrillary lesions. <i>Journal of Gerontology</i> , 1989 , 44, B55-8		22
57	Regulation of AMPA receptor trafficking by delta-catenin. <i>Molecular and Cellular Neurosciences</i> , 2008 , 39, 499-507	4.8	21
56	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
55	The message and the messenger: delivering RNA in neurons. <i>Science Signaling</i> , 2002 , 2002, pe16	8.8	20
54	Characterization of postmortem human brain proteins by two-dimensional gel electrophoresis. <i>Journal of Neurochemistry</i> , 1982 , 39, 1529-38	6	18
53	COVID-19 in older people with cognitive impairment in Latin America. <i>Lancet Neurology</i> , 2020 , 19, 719-721	24.1	17
52	Particle Display: A Quantitative Screening Method for Generating High-Affinity Aptamers. <i>Angewandte Chemie</i> , 2014 , 126, 4896-4901	3.6	16
51	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
50	Secretase 1 β Targeting Reduces Hyperphosphorylated Tau, Implying Autophagy Actors in 3xTg-AD Mice. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 498	6.1	16
49	Evolution of New miRNAs and Cerebro-Cortical Development. <i>Annual Review of Neuroscience</i> , 2018 , 41, 119-137	17	15
48	Reconstructing ancestral genome content based on symmetrical best alignments and Dollo parsimony. <i>Bioinformatics</i> , 2008 , 24, 606-12	7.2	15
47	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
46	Homozygosity of the autosomal dominant Alzheimer disease presenilin 1 E280A mutation. <i>Neurology</i> , 2015 , 84, 206-8	6.5	14
45	Developmental attenuation of N-methyl-D-aspartate receptor subunit expression by microRNAs. <i>Neural Development</i> , 2015 , 10, 20	3.9	14
44	Human neural tube morphogenesis in vitro by geometric constraints. <i>Nature</i> , 2021 , 599, 268-272	50.4	14
43	Liquid-liquid phase separation of Tau by self and complex coacervation. <i>Protein Science</i> , 2021 , 30, 1393-1407	14.9	14
42	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
41	A microRNA-mRNA expression network during oral siphon regeneration in. <i>Development (Cambridge)</i> , 2017 , 144, 1787-1797	6.6	13

40	Personalized medicine for effective Alzheimer disease treatment. <i>JAMA Neurology</i> , 2015 , 72, 497-8	17.2	13
39	Exploratory data from complete genomes of familial alzheimer disease age-at-onset outliers. <i>Human Mutation</i> , 2012 , 33, 1630-4	4.7	13
38	Staged miRNA re-regulation patterns during reprogramming. <i>Genome Biology</i> , 2013 , 14, R149	18.3	12
37	Development of an assay to screen for inhibitors of tau phosphorylation by cdk5. <i>Journal of Biomolecular Screening</i> , 2004 , 9, 122-31		12
36	Discovery of compounds that will prevent tau pathology. <i>Journal of Molecular Neuroscience</i> , 2002 , 19, 261-6	3.3	11
35	Detection of Prokaryotic Genes in the Amphimedon queenslandica Genome. <i>PLoS ONE</i> , 2016 , 11, e0151092	9.7	11
34	MEA Viewer: A high-performance interactive application for visualizing electrophysiological data. <i>PLoS ONE</i> , 2018 , 13, e0192477	3.7	10
33	The Role of Chromatin Density in Cell Population Heterogeneity during Stem Cell Differentiation. <i>Scientific Reports</i> , 2017 , 7, 13307	4.9	9
32	Fast motif discovery in short sequences 2016 ,		7
31	Presenilin interactions and Alzheimer's disease. <i>Science</i> , 1998 , 279, 463-5	33.3	7
30	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
29	Control over single-cell distribution of G1 lengths by WNT governs pluripotency. <i>PLoS Biology</i> , 2019 , 17, e3000453	9.7	6
28	Teaching resources. A model for local regulation of translation near active synapses. <i>Science Signaling</i> , 2005 , 2005, tr25	8.8	6
27	Tau Condensates. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1184, 327-339	3.6	6
26	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
25	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
24	Traveling the tau pathway: a personal account. <i>Journal of Alzheimer's Disease</i> , 2006 , 9, 251-6	4.3	5
23	Action potential propagation recorded from single axonal arbors using multielectrode arrays. <i>Journal of Neurophysiology</i> , 2018 , 120, 306-320	3.2	4

22	CRISPR-based and RT-qPCR surveillance of SARS-CoV-2 in asymptomatic individuals uncovers a shift in viral prevalence among a university population		4
21	Narrow equilibrium window for complex coacervation of tau and RNA under cellular conditions		4
20	E280A PS-1 mutation causes Alzheimer's disease but age of onset is not modified by ApoE alleles 1997, 10, 186		4
19	A Fast and Accessible Method for the Isolation of RNA, DNA, and Protein to Facilitate the Detection of SARS-CoV-2		3
18	Patterns of neuronal Rhes as a novel hallmark of tauopathies. <i>Acta Neuropathologica</i> , 2021 , 141, 651-666	4.3	3
17	Human brain organoid networks		3
16	Stress routes clients to the proteasome via a BAG2 ubiquitin-independent degradation condensate. <i>Nature Communications</i> , 2022 , 13,	17.4	3
15	Tracking Down Mutations Cell by Cell. <i>Neuron</i> , 2016 , 89, 1126-1127	13.9	2
14	Dynamic assembly of the mRNA m6A methyltransferase complex is regulated by METTL3 phase separation.. <i>PLoS Biology</i> , 2022 , 20, e3001535	9.7	2
13	Self-organized morphogenesis of a human neural tube in vitro by geometric constraints		2
12	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
11	Cell Population Effects in a Mouse Tauopathy Model Identified by Single Cell Sequencing		1
10	Extracellular detection of neuronal coupling. <i>Scientific Reports</i> , 2021 , 11, 14733	4.9	1
9	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
8	A neurodegenerative disease landscape of rare mutations in Colombia due to founder effects.. <i>Genome Medicine</i> , 2022 , 14, 27	14.4	1
7	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
6	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
5	In vitro validation of in silico identified inhibitory interactions. <i>Journal of Neuroscience Methods</i> , 2019 , 321, 39-48		3

- 4 miRNAs in the brain and the application of RNAi to neurons **2005**, 84-100
- 3 Profiling the microRNAs. *Research and Perspectives in Neurosciences*, **2010**, 1-8
- 2 The miRNA System: Bifurcation Points of Cancer and Neurodegeneration. *Research and Perspectives in Alzheimer's Disease*, **2011**, 133-142
- 1 Cell biology in support of neurological research: 2018 highlights. *Lancet Neurology, The*, **2019**, 18, 19-20 24.1