Yazi D Ke

List of Publications by Year
in descending order

54	4,544	218662	189881
papers	citations	26	50
		h-index	g-index

58	58	58	6577
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dendritic Function of Tau Mediates Amyloid-Î² Toxicity in Alzheimer's Disease Mouse Models. Cell, 2010, 142, 387-397.	28.9	1,563
2	Site-specific phosphorylation of tau inhibits amyloid-Î² toxicity in Alzheimerâ€™s mice. Science, 2016, 354, 904-908.	12.6	241
3	Sodium selenate mitigates tau pathology, neurodegeneration, and functional deficits in Alzheimer's disease models. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13888-13893.	7.1	237
4	Parkinsonism and impaired axonal transport in a mouse model of frontotemporal dementia. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15997-16002.	7.1	201
5	Primary support cultures of hippocampal and substantia nigra neurons. Nature Protocols, 2009, 4, 78-85.	12.0	185
6	Neuronal MicroRNA Deregulation in Response to Alzheimer's Disease Amyloid-Î². PLoS ONE, 2010, 5, e11070.	2.5	183
7	Experimental Diabetes Mellitus Exacerbates Tau Pathology in a Transgenic Mouse Model of Alzheimer's Disease. PLoS ONE, 2009, 4, e7917.	2.5	161
8	A Decade of Tau Transgenic Animal Models and Beyond. Brain Pathology, 2007, 17, 91-103.	4.1	145
9	Tau-Targeted Immunization Impedes Progression of Neurofibrillary Histopathology in Aged P301L Tau Transgenic Mice. PLoS ONE, 2011, 6, e26860.	2.5	142
10	Phosphorylated Tau Interacts with c-Jun N-terminal Kinase-interacting Protein 1 (JIP1) in Alzheimer Disease. Journal of Biological Chemistry, 2009, 284, 20909-20916.	3.4	139
11	Tau exacerbates excitotoxic brain damage in an animal model of stroke. Nature Communications, 2017, 8, 473.	12.8	134
12	Lessons from Tau-Deficient Mice. International Journal of Alzheimer's Disease, 2012, 2012, 1-8.	2.0	99
13	Cytoplasmic Accumulation and Aggregation of TDP-43 upon Proteasome Inhibition in Cultured Neurons. PLoS ONE, 2011, 6, e22850.	2.5	91
14	Tau-Mediated Nuclear Depletion and Cytoplasmic Accumulation of SFPQ in Alzheimer's and Pick's Disease. PLoS ONE, 2012, 7, e35678.	2.5	82
15	ALS/FTLD: experimental models and reality. Acta Neuropathologica, 2017, 133, 177-196.	7.7	78
16	Physiological changes in neurodegeneration â€" mechanistic insights and clinical utility. Nature Reviews Neurology, 2018, 14, 259-271.	10.1	72
17	AÎ²-dependent reduction of NCAM2-mediated synaptic adhesion contributes to synapse loss in Alzheimerâ€™s disease. Nature Communications, 2015, 6, 8836.	12.8	70
18	Tau downregulates BDNF expression in animal and cellular models of Alzheimer's disease. Neurobiology of Aging, 2016, 48, 135-142.	3.1	63

#	Article	IF	Citations
19	TDP-43 mutations causing amyotrophic lateral sclerosis are associated with altered expression of RNA-binding protein hnRNP K and affect the Nrf2 antioxidant pathway. Human Molecular Genetics, 2017, 26, 1732-1746.	2.9	62
20	Short-term suppression of A315T mutant human TDP-43 expression improves functional deficits in a novel inducible transgenic mouse model of FTLD-TDP and ALS. Acta Neuropathologica, 2015, 130, 661-678.	7.7	61
21	An N-terminal motif unique to primate tau enables differential proteinâ€“protein interactions. Journal of Biological Chemistry, 2018, 293, 3710-3719.	3.4	53
22	Brief update on different roles of tau in neurodegeneration. IUBMB Life, 2011, 63, 495-502.	3.4	42
23	Phosphorylation of soluble tau differs in Pickâ€™s disease and Alzheimerâ€™s disease brains. Journal of Neural Transmission, 2009, 116, 1243-1251.	2.8	35
24	No Overt Deficits in Aged Tau-Deficient C57Bl/6.Mapttm1(EGFP)Kit GFP Knockin Mice. PLoS ONE, 2016, 11, e0163236.	2.5	35
25	Disinhibition-like behavior in a P301S mutant tau transgenic mouse model of frontotemporal dementia. Neuroscience Letters, 2016, 631, 24-29.	2.1	34
26	Generation of a New Tau Knockout (tauÎ”ex1) Line Using CRISPR/Cas9 Genome Editing in Mice. Journal of Alzheimer's Disease, 2018, 62, 571-578.	2.6	29
27	TDP-43 and Inflammation: Implications for Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. International Journal of Molecular Sciences, 2021, 22, 7781.	4.1	26
28	Dissecting Toxicity of Tau and Î²-Amyloid. Neurodegenerative Diseases, 2010, 7, 10-12.	1.4	25
29	Reduction of advanced tau-mediated memory deficits by the MAP kinase p38Î³. Acta Neuropathologica, 2020, 140, 279-294.	7.7	24
30	Mouse models of frontotemporal dementia: A comparison of phenotypes with clinical symptomatology. Neuroscience and Biobehavioral Reviews, 2017, 74, 126-138.	6.1	23
31	Adenoâ€associated virusâ€based Alzheimer's disease mouse models and potential new therapeutic avenues. British Journal of Pharmacology, 2019, 176, 3649-3665.	5.4	22
32	ERK inhibition with PD184161 mitigates brain damage in a mouse model of stroke. Journal of Neural Transmission, 2014, 121, 543-7.	2.8	20
33	Rapid initiation of cell cycle reentry processes protects neurons from amyloid-Î² toxicity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	19
34	Peptide Nanofiber Substrates for Long-Term Culturing of Primary Neurons. ACS Applied Materials & Interfaces, 2018, 10, 25127-25134.	8.0	16
35	ALS/FTD-causing mutation in cyclin F causes the dysregulation of SFPQ. Human Molecular Genetics, 2021, 30, 971-984.	2.9	16
36	Altered levels of PP2A regulatory B/PR55 isoforms indicate role in neuronal differentiation. International Journal of Developmental Neuroscience, 2006, 24, 437-443.	1.6	15

#	Article	IF	Citations
37	Loss of LAMP5 interneurons drives neuronal network dysfunction in Alzheimerâ€™s disease. Acta Neuropathologica, 2022, 144, 637-650.	7.7	15
38	Pathological manifestation of human endogenous retrovirus K in frontotemporal dementia. Communications Medicine, 2021, 1, .	4.2	14
39	Onset of hippocampal network aberration and memory deficits in P301S tau mice are associated with an early gene signature. Brain, 2020, 143, 1889-1904.	7.6	12
40	CNS cell typeâ€“specific gene profiling of P301S tau transgenic mice identifies genes dysregulated by progressive tau accumulation. Journal of Biological Chemistry, 2019, 294, 14149-14162.	3.4	10
41	Functional Genomics Dissects Pathomechanisms in Tauopathies: Mitosis Failure and Unfolded Protein Response. Neurodegenerative Diseases, 2008, 5, 179-181.	1.4	9
42	Selective Spatiotemporal Vulnerability of Central Nervous System Neurons to Pathologic TAR DNA-Binding Protein 43 in Aged Transgenic Mice. American Journal of Pathology, 2018, 188, 1447-1456.	3.8	8
43	Developmental Expression of Mutant PFN1 in Motor Neurons Impacts Neuronal Growth and Motor Performance of Young and Adult Mice. Frontiers in Molecular Neuroscience, 2019, 12, 231.	2.9	8
44	Syntaxins 6 and 8 facilitate tau into secretory pathways. Biochemical Journal, 2021, 478, 1471-1484.	3.7	7
45	Recent progress in synthetic self-adjuvanting vaccine development. Biomaterials Science, 2022, 10, 4037-4057.	5.4	5
46	Contribution of endogenous antibodies to learning deficits and astrocytosis in human P301S mutant tau transgenic mice. Scientific Reports, 2020, 10, 13845.	3.3	2
47	K369I Tau Mice Demonstrate a Shift Towards Striatal Neuron Burst Firing and Goal-directed Behaviour. Neuroscience, 2020, 449, 46-62.	2.3	2
48	The Nature of Diamino Linker and Halogen Bonding Define Selectivity of Pyrrolopyrimidine-Based LIMK1 Inhibitors. Frontiers in Chemistry, 2021, 9, 781213.	3.6	2
49	Alzheimerâ€™s Disease and Frontotemporal Lobar Degeneration: Mouse Models. , 2018, , 187-219.		1
50	Neurodegeneration and Motor Deficits in the Absence of Astrogliosis upon Transgenic Mutant TDP-43 Expression in Mature Mice. American Journal of Pathology, 2020, 190, 1713-1722.	3.8	1
51	Differential mitochondrial protein interaction profile between human translocator protein and its A147T polymorphism variant. PLoS ONE, 2022, 17, e0254296.	2.5	1
52	Onset of motor deficits, but not their severity, is augmented by TREM2 reduction in P301S tau transgenic mice. Alzheimer's and Dementia, 2020, 16, e040610.	0.8	0
53	Overexpression of Tropomyosin Isoform Tpm3.1 Does Not Alter Synaptic Function in Hippocampal Neurons. International Journal of Molecular Sciences, 2021, 22, 9303.	4.1	0
54	Alzheimerâ€™s Disease and Frontotemporal Lobar Degeneration: Mouse Models. , 2014, , 111-129.		0