Wenjie Luo

List of Publications by Year
in descending order

24 papers	3,459 citations	430874 18 h-index	642732 23 g-index
27 all docs	27 docs citations	27 times ranked	5774 citing authors

#	Article	IF	Citations
1	Tau interactome maps synaptic and mitochondrial processes associated with neurodegeneration. Cell, 2022, 185, 712-728.e14.	28.9	114
2	Single-nuclei isoform RNA sequencing unlocks barcoded exon connectivity in frozen brain tissue. Nature Biotechnology, 2022, 40, 1082-1092.	17.5	52
3	Microglial NF-Î^ºB drives tau spreading and toxicity in a mouse model of tauopathy. Nature Communications, 2022, 13, 1969.	12.8	103
4	A spatially resolved brain region- and cell type-specific isoform atlas of the postnatal mouse brain. Nature Communications, 2021, 12, 463.	12.8	109
5	GSAP regulates lipid homeostasis and mitochondrial function associated with Alzheimerâ€™s disease. Journal of Experimental Medicine, 2021, 218, .	8.5	14
6	A multifaceted role of progranulin in regulating amyloid-beta dynamics and responses. Life Science Alliance, 2021, 4, e202000874.	2.8	10
7	AD-linked R47H- TREM2 mutation induces disease-enhancing microglial states via AKT hyperactivation. Science Translational Medicine, 2021, 13, eabe3947.	12.4	55
8	A Pentacyclic Triterpene from Ligustrum lucidum Targets Î³-Secretase. ACS Chemical Neuroscience, 2020, 11, 2827-2835.	3.5	4
9	25-Hydroxycholesterol amplifies microglial IL-1Î² production in an apoE isoform-dependent manner. Journal of Neuroinflammation, 2020, 17, 192.	7.2	57
10	The epichaperome is a mediator of toxic hippocampal stress and leads to protein connectivity-based dysfunction. Nature Communications, 2020, 11, 319.	12.8	46
11	25â€Hydroxycholesterol amplifies microglial ILâ€1beta production in an APOE isoformâ€dependent manner. Alzheimer's and Dementia, 2020, 16, e043097.	0.8	1
12	The complexity of tau in Alzheimerâ€™s disease. Neuroscience Letters, 2019, 705, 183-194.	2.1	200
13	O4â€02â€04: 25â€HYDROXYCHOLESTEROL AMPLIFIES MICROGLIAL NEUROINFLAMMATORY SIGNALING IN AN APOE ISOFORMâ€DEPENDENT MANNER. Alzheimer's and Dementia, 2018, 14, P1403.	0.8	0
14	Single-cell isoform RNA sequencing characterizes isoforms in thousands of cerebellar cells. Nature Biotechnology, 2018, 36, 1197-1202.	17.5	253
15	A guanidine-appended scyllo-inositol derivative AAD-66 enhances brain delivery and ameliorates Alzheimerâ€™s phenotypes. Scientific Reports, 2017, 7, 14125.	3.3	20
16	ApoE4 markedly exacerbates tau-mediated neurodegeneration in a mouse model of tauopathy. Nature, 2017, 549, 523-527.	27.8	852
17	ApoE4-associated phospholipid dysregulation contributes to development of Tau hyper-phosphorylation after traumatic brain injury. Scientific Reports, 2017, 7, 11372.	3.3	43
18	TREM2 Haplodeficiency in Mice and Humans Impairs the Microglia Barrier Function Leading to Decreased Amyloid Compaction and Severe Axonal Dystrophy. Neuron, 2016, 90, 724-739.	8.1	528

#	Article	IF	Citations
19	Î´-COP modulates AÎ² peptide formation via retrograde trafficking of APP. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5412-5417.	7.1	19
20	Microglial internalization and degradation of pathological tau is enhanced by an anti-tau monoclonal antibody. Scientific Reports, 2015, 5, 11161.	3.3	170
21	Heat shock protein 90 in neurodegenerative diseases. Molecular Neurodegeneration, 2010, 5, 24.	10.8	191
22	Gamma-secretase activating protein is a therapeutic target for Alzheimerâ€™s disease. Nature, 2010, 467, 95-98.	27.8	303
23	Heat shock protein 90: translation from cancer to Alzheimer's disease treatment?. BMC Neuroscience, 2008, 9, S7.	1.9	49
24	Roles of heat-shock protein 90 in maintaining and facilitating the neurodegenerative phenotype in tauopathies. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9511-9516.	7.1	265