

Wenjie Luo

List of Publications by Year in descending order

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Version: 2024-02-01

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	ApoE4 markedly exacerbates tau-mediated neurodegeneration in a mouse model of tauopathy. <i>Nature</i> , 2017, 549, 523-527.	27.8	852
2	TREM2 Haplodeficiency in Mice and Humans Impairs the Microglia Barrier Function Leading to Decreased Amyloid Compaction and Severe Axonal Dystrophy. <i>Neuron</i> , 2016, 90, 724-739.	8.1	528
3	Gamma-secretase activating protein is a therapeutic target for Alzheimer's disease. <i>Nature</i> , 2010, 467, 95-98.	27.8	303
4	Roles of heat-shock protein 90 in maintaining and facilitating the neurodegenerative phenotype in tauopathies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9511-9516.	7.1	265
5	Single-cell isoform RNA sequencing characterizes isoforms in thousands of cerebellar cells. <i>Nature Biotechnology</i> , 2018, 36, 1197-1202.	17.5	253
6	The complexity of tau in Alzheimer's disease. <i>Neuroscience Letters</i> , 2019, 705, 183-194.	2.1	200
7	Heat shock protein 90 in neurodegenerative diseases. <i>Molecular Neurodegeneration</i> , 2010, 5, 24.	10.8	191
8	Microglial internalization and degradation of pathological tau is enhanced by an anti-tau monoclonal antibody. <i>Scientific Reports</i> , 2015, 5, 11161.	3.3	170
9	Tau interactome maps synaptic and mitochondrial processes associated with neurodegeneration. <i>Cell</i> , 2022, 185, 712-728.e14.	28.9	114
10	A spatially resolved brain region- and cell type-specific isoform atlas of the postnatal mouse brain. <i>Nature Communications</i> , 2021, 12, 463.	12.8	109
11	Microglial NF- κ B drives tau spreading and toxicity in a mouse model of tauopathy. <i>Nature Communications</i> , 2022, 13, 1969.	12.8	103
12	25-Hydroxycholesterol amplifies microglial IL-1 β production in an apoE isoform-dependent manner. <i>Journal of Neuroinflammation</i> , 2020, 17, 192.	7.2	57
13	AD-linked R47H- <i>TREM2</i> mutation induces disease-enhancing microglial states via AKT hyperactivation. <i>Science Translational Medicine</i> , 2021, 13, eabe3947.	12.4	55
14	Single-nuclei isoform RNA sequencing unlocks barcoded exon connectivity in frozen brain tissue. <i>Nature Biotechnology</i> , 2022, 40, 1082-1092.	17.5	52
15	Heat shock protein 90: translation from cancer to Alzheimer's disease treatment?. <i>BMC Neuroscience</i> , 2008, 9, S7.	1.9	49
16	The epichaperome is a mediator of toxic hippocampal stress and leads to protein connectivity-based dysfunction. <i>Nature Communications</i> , 2020, 11, 319.	12.8	46
17	ApoE4-associated phospholipid dysregulation contributes to development of Tau hyper-phosphorylation after traumatic brain injury. <i>Scientific Reports</i> , 2017, 7, 11372.	3.3	43
18	A guanidine-appended scyllo-inositol derivative AAD-66 enhances brain delivery and ameliorates Alzheimer's phenotypes. <i>Scientific Reports</i> , 2017, 7, 14125.	3.3	20

#	ARTICLE	IF	CITATIONS
19	Î-COP modulates AÎ ² 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	GSAP regulates lipid homeostasis and mitochondrial function associated with Alzheimer's disease. Journal of Experimental Medicine, 2021, 218, .	8.5	14
21	A multifaceted role of progranulin in regulating amyloid-beta dynamics and responses. Life Science Alliance, 2021, 4, e202000874.	2.8	10
22	A Pentacyclic Triterpene from <i>Ligustrum lucidum</i> Targets Î ³ -Secretase. ACS Chemical Neuroscience, 2020, 11, 2827-2835.	3.5	4
23	25-Hydroxycholesterol amplifies microglial IL-1Î ¹ production in an APOE isoform-dependent manner. Alzheimer's and Dementia, 2020, 16, e043097.	0.8	1
24	25-HYDROXYCHOLESTEROL AMPLIFIES MICROGLIAL NEUROINFLAMMATORY SIGNALING IN AN APOE ISOFORM-DEPENDENT MANNER. Alzheimer's and Dementia, 2018, 14, P1403.	0.8	0