

# Yang Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

3,799  
citations

159573

30  
h-index

168376

53  
g-index

60  
all docs

60  
docs citations

60  
times ranked

5244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the Toll-Like Receptor 4 in Neuroinflammation in Alzheimer's Disease. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 947-956.	1.6	452
2	Diagnosis and treatment of patients with stroke in a mobile stroke unit versus in hospital: a randomised controlled trial. <i>Lancet Neurology</i> , The, 2012, 11, 397-404.	10.2	402
3	TLR2 Is a Primary Receptor for Alzheimer's Amyloid $\beta$ Peptide To Trigger Neuroinflammatory Activation. <i>Journal of Immunology</i> , 2012, 188, 1098-1107.	0.8	346
4	LPS receptor (CD14): a receptor for phagocytosis of Alzheimer's amyloid peptide. <i>Brain</i> , 2005, 128, 1778-1789.	7.6	322
5	Screening of innate immune receptors in neurodegenerative diseases: A similar pattern. <i>Neurobiology of Aging</i> , 2009, 30, 759-768.	3.1	202
6	Moderately elevated plant sterol levels are associated with reduced cardiovascular risk—The LASA study. <i>Atherosclerosis</i> , 2008, 196, 283-288.	0.8	117
7	“Mobile Stroke Unit” for Hyperacute Stroke Treatment. <i>Stroke</i> , 2003, 34, e44.	2.0	115
8	Suppression of Microglial Inflammatory Activity by Myelin Phagocytosis: Role of p47-PHOX-Mediated Generation of Reactive Oxygen Species. <i>Journal of Neuroscience</i> , 2006, 26, 12904-12913.	3.6	114
9	Long-term treatment with Ginkgo biloba extract EGb 761 improves symptoms and pathology in a transgenic mouse model of Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , 2015, 46, 121-131.	4.1	110
10	Bringing the Hospital to the Patient: First Treatment of Stroke Patients at the Emergency Site. <i>PLoS ONE</i> , 2010, 5, e13758.	2.5	109
11	Expression of Amyotrophic Lateral Sclerosis-linked SOD1 Mutant Increases the Neurotoxic Potential of Microglia via TLR2. <i>Journal of Biological Chemistry</i> , 2009, 284, 3691-3699.	3.4	107
12	Deficiency of Neuronal p38 $\beta$ MAPK Attenuates Amyloid Pathology in Alzheimer Disease Mouse and Cell Models through Facilitating Lysosomal Degradation of BACE1. <i>Journal of Biological Chemistry</i> , 2016, 291, 2067-2079.	3.4	101
13	Changes of the Enteric Nervous System in Amyloid- $\beta$ Protein Precursor Transgenic Mice Correlate with Disease Progression. <i>Journal of Alzheimer's Disease</i> , 2013, 36, 7-20.	2.6	83
14	Point-of-care laboratory halves door-to-therapy decision time in acute stroke. <i>Annals of Neurology</i> , 2011, 69, 581-586.	5.3	77
15	Is Prehospital Treatment of Acute Stroke too Expensive An Economic Evaluation Based on the First Trial. <i>Cerebrovascular Diseases</i> , 2014, 38, 457-463.	1.7	72
16	Prehospital Stroke Management Optimized by Use of Clinical Scoring vs Mobile Stroke Unit for Triage of Patients With Stroke. <i>JAMA Neurology</i> , 2019, 76, 1484.	9.0	71
17	A central role for the acid sphingomyelinase/ceramide system in neurogenesis and major depression. <i>Journal of Neurochemistry</i> , 2015, 134, 183-192.	3.9	67
18	Stimulation of TLR4 Attenuates Alzheimer's Disease-Related Symptoms and Pathology in Tau-Transgenic Mice. <i>Journal of Immunology</i> , 2016, 197, 3281-3292.	0.8	66

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19	Hypertension-Induced Cerebral Small Vessel Disease Leading to Cognitive Impairment. <i>Chinese Medical Journal</i> , 2018, 131, 615-619.	2.3	62
20	Tenascin-C deficiency ameliorates Alzheimer's disease-related pathology in mice. <i>Neurobiology of Aging</i> , 2013, 34, 2389-2398.	3.1	58
21	Molecular Links Between Endothelial Dysfunction and Neurodegeneration in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2014, 11, 18-26.	1.4	57
22	Myeloid differentiation factor 88-deficient bone marrow cells improve Alzheimer's disease-related symptoms and pathology. <i>Brain</i> , 2011, 134, 278-292.	7.6	49
23	Prehospital stroke management in the thrombectomy era. <i>Lancet Neurology</i> , The, 2020, 19, 601-610.	10.2	47
24	Decreased pH in the aging brain and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2021, 101, 40-49.	3.1	46
25	Effects of Ginsenoside Rg1 on the Expression of Toll-Like Receptor 3, 4 and Their Signalling Transduction Factors in the NG108-15 Murine Neuroglial Cell Line. <i>Molecules</i> , 2014, 19, 16925-16936.	3.8	42
26	Matrix metalloproteinase-12 contributes to neuroinflammation in the aged brain. <i>Neurobiology of Aging</i> , 2013, 34, 1231-1239.	3.1	39
27	Air-Mobile Stroke Unit for access to stroke treatment in rural regions. <i>International Journal of Stroke</i> , 2018, 13, 568-575.	5.9	35
28	Stromal cell-derived factor 1 $\alpha$ decreases $\beta$ -amyloid deposition in Alzheimer's disease mouse model. <i>Brain Research</i> , 2012, 1459, 15-26.	2.2	34
29	IKK $\beta$ Deficiency in Myeloid Cells Ameliorates Alzheimer's Disease-Related Symptoms and Pathology. <i>Journal of Neuroscience</i> , 2014, 34, 12982-12999.	3.6	34
30	The LPS Receptor, CD14 in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. <i>Cellular Physiology and Biochemistry</i> , 2006, 17, 167-172.	1.6	33
31	Normal brain aging and Alzheimer's disease are associated with lower cerebral pH: an <i>in vivo</i> histidine 1H-MR spectroscopy study. <i>Neurobiology of Aging</i> , 2020, 87, 60-69.	3.1	33
32	Parkinson mice show functional and molecular changes in the gut long before motoric disease onset. <i>Molecular Neurodegeneration</i> , 2021, 16, 34.	10.8	29
33	Ginkgo biloba Extract EGb 761 and Its Specific Components Elicit Protective Protein Clearance Through the Autophagy-Lysosomal Pathway in Tau-Transgenic Mice and Cultured Neurons. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 243-263.	2.6	27
34	Serum short-chain fatty acids and its correlation with motor and non-motor symptoms in Parkinson's disease patients. <i>BMC Neurology</i> , 2022, 22, 13.	1.8	25
35	Microvascular cerebral blood volume changes in aging APP <sup>swe</sup> /PS1 <sup>dE9</sup> AD mouse model: a voxel-wise approach. <i>Brain Structure and Function</i> , 2013, 218, 1085-1098.	2.3	23
36	Obstructive sleep apnea exaggerates cognitive dysfunction in stroke patients. <i>Sleep Medicine</i> , 2017, 33, 183-190.	1.6	20

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37	Neuronal deficiency of p38 $\beta$ -MAPK ameliorates symptoms and pathology of APP or Tau $\beta$ -transgenic Alzheimer's mouse models. <i>FASEB Journal</i> , 2020, 34, 9628-9649.	0.5	19
38	Blockade of Experimental Multiple Sclerosis by Inhibition of the Acid Sphingomyelinase/Ceramide System. <i>NeuroSignals</i> , 2017, 25, 88-97.	0.9	18
39	Abnormal galactosylation of immunoglobulin G in cerebrospinal fluid of multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1794-1803.	3.0	16
40	'Stroke Room': Diagnosis and Treatment at a Single Location for Rapid Intraarterial Stroke Treatment. <i>Cerebrovascular Diseases</i> , 2015, 40, 251-257.	1.7	15
41	Analysis of the vasculature by immunohistochemistry in paraffin-embedded brains. <i>Brain Structure and Function</i> , 2018, 223, 1001-1015.	2.3	15
42	Response of Toll-like receptors in experimental Guillain-Barré syndrome: A kinetic analysis. <i>Neuroscience Letters</i> , 2012, 518, 154-160.	2.1	13
43	The Innate Immune Receptor CD14 Mediates Lymphocyte Migration in EAE. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 269-275.	1.6	10
44	Deficiency of $\beta$ Kinase $\beta$ in Myeloid Cells Reduces Severity of Experimental Autoimmune Encephalomyelitis. <i>American Journal of Pathology</i> , 2016, 186, 1245-1257.	3.8	10
45	Standard operating procedures improve acute neurologic care in a sub-Saharan African setting. <i>Neurology</i> , 2017, 89, 144-152.	1.1	10
46	Deficiency of TLR4 ameliorates hypoperfusion-induced brain pathology. <i>Theranostics</i> , 2018, 8, 6355-6356.	10.0	9
47	P38 $\beta$ -MAPK phosphorylates Snapin and reduces Snapin-mediated BACE1 transportation in APP $\beta$ -transgenic mice. <i>FASEB Journal</i> , 2021, 35, e21691.	0.5	7
48	NLRP3 Is Involved in the Maintenance of Cerebral Pericytes. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 276.	3.7	6
49	Haploinsufficiency of microglial MyD88 ameliorates Alzheimer's pathology and vascular disorders in APP / PS1 $\beta$ -transgenic mice. <i>Glia</i> , 2021, 69, 1987-2005.	4.9	6
50	Non-invasive assessment of intracranial wall shear stress using high-resolution magnetic resonance imaging in combination with computational fluid dynamics technique. <i>Fundamental Research</i> , 2022, 2, 329-334.	3.3	5
51	Treatment With CD52 Antibody Protects Neurons in Experimental Autoimmune Encephalomyelitis Mice During the Recovering Phase. <i>Frontiers in Immunology</i> , 2021, 12, 792465.	4.8	4
52	Serum Metabolites Differentiate Amnesic Mild Cognitive Impairment From Healthy Controls and Predict Early Alzheimer's Disease via Untargeted Lipidomics Analysis. <i>Frontiers in Neurology</i> , 2021, 12, 704582.	2.4	3
53	Better Screening Value of Sylvian Fissure Ratio on Cognitive Decline Among Female Compared to Male: An Observational Study in Elderly Patients With Cerebral Small Vessel Disease in Soochow. <i>Frontiers in Neuroscience</i> , 2021, 15, 729782.	2.8	3
54	Alzheimers Disease Affects the Enteric Nervous System. <i>Gastroenterology</i> , 2011, 140, S-54.	1.3	0

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55	Age-dependent association of CYP2C19 polymorphisms with clinical outcome of clopidogrel therapy in minor stroke patients with large-artery atherosclerosis. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 1263-1271.	1.9	0