

# Thiruma V Arumugam

## List of Publications by Citations

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131  
papers

10,602  
citations

55  
h-index

101  
g-index

137  
ext. papers

12,333  
ext. citations

7.8  
avg, IF

6.23  
L-index

#	Paper	IF	Citations
131	Temporal and spatial dynamics of cerebral immune cell accumulation in stroke. <i>Stroke</i> , <b>2009</b> , 40, 1849-57	7.7	682
130	Pivotal role for neuronal Toll-like receptors in ischemic brain injury and functional deficits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 13798-803	11.5	602
129	Role of T lymphocytes and interferon-gamma in ischemic stroke. <i>Circulation</i> , <b>2006</b> , 113, 2105-12	16.7	546
128	Diabetes impairs hippocampal function through glucocorticoid-mediated effects on new and mature neurons. <i>Nature Neuroscience</i> , <b>2008</b> , 11, 309-17	25.5	476
127	Hallmarks of Brain Aging: Adaptive and Pathological Modification by Metabolic States. <i>Cell Metabolism</i> , <b>2018</b> , 27, 1176-1199	24.6	344
126	Pathophysiology, treatment, and animal and cellular models of human ischemic stroke. <i>Molecular Neurodegeneration</i> , <b>2011</b> , 6, 11	19	318
125	Toll-like receptors in neurodegeneration. <i>Brain Research Reviews</i> , <b>2009</b> , 59, 278-92		315
124	Intravenous immunoglobulin suppresses NLRP1 and NLRP3 inflammasome-mediated neuronal death in ischemic stroke. <i>Cell Death and Disease</i> , <b>2013</b> , 4, e790	9.8	247
123	The role of the complement system in ischemia-reperfusion injury. <i>Shock</i> , <b>2004</b> , 21, 401-9	3.4	243
122	Toll-like receptors in ischemia-reperfusion injury. <i>Shock</i> , <b>2009</b> , 32, 4-16	3.4	234
121	Neuronal oxidative stress in acute ischemic stroke: sources and contribution to cell injury. <i>Neurochemistry International</i> , <b>2013</b> , 62, 712-8	4.4	211
120	Pathogenesis of acute stroke and the role of inflammasomes. <i>Ageing Research Reviews</i> , <b>2013</b> , 12, 941-66	12	200
119	Gamma secretase-mediated Notch signaling worsens brain damage and functional outcome in ischemic stroke. <i>Nature Medicine</i> , <b>2006</b> , 12, 621-3	50.5	198
118	Age and energy intake interact to modify cell stress pathways and stroke outcome. <i>Annals of Neurology</i> , <b>2010</b> , 67, 41-52	9.4	193
117	Evidence that NF- $\kappa$ B and MAPK Signaling Promotes NLRP Inflammasome Activation in Neurons Following Ischemic Stroke. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 1082-1096	6.2	170
116	Intravenous immunoglobulin (IVIG) protects the brain against experimental stroke by preventing complement-mediated neuronal cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 14104-9	11.5	165
115	Adiponectin receptor signalling in the brain. <i>British Journal of Pharmacology</i> , <b>2012</b> , 165, 313-27	8.6	163

114	A small molecule C5a receptor antagonist protects kidneys from ischemia/reperfusion injury in rats. <i>Kidney International</i> , <b>2003</b> , 63, 134-42	9.9	162
113	Toll-like receptor 3 is a negative regulator of embryonic neural progenitor cell proliferation. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 13978-84	6.6	153
112	Plumbagin, a novel Nrf2/ARE activator, protects against cerebral ischemia. <i>Journal of Neurochemistry</i> , <b>2010</b> , 112, 1316-26	6	141
111	Eph/Ephrin signaling in injury and inflammation. <i>American Journal of Pathology</i> , <b>2012</b> , 181, 1493-503	5.8	139
110	Stroke and T-cells. <i>NeuroMolecular Medicine</i> , <b>2005</b> , 7, 229-42	4.6	138
109	Importance of T lymphocytes in brain injury, immunodeficiency, and recovery after cerebral ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2012</b> , 32, 598-611	7.3	137
108	Immune cell infiltration in malignant middle cerebral artery infarction: comparison with transient cerebral ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2014</b> , 34, 450-9	7.3	135
107	Platelet-leukocyte-endothelial cell interactions after middle cerebral artery occlusion and reperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2004</b> , 24, 907-15	7.3	122
106	Rutin attenuates metabolic changes, nonalcoholic steatohepatitis, and cardiovascular remodeling in high-carbohydrate, high-fat diet-fed rats. <i>Journal of Nutrition</i> , <b>2011</b> , 141, 1062-9	4.1	117
105	Hormesis/preconditioning mechanisms, the nervous system and aging. <i>Ageing Research Reviews</i> , <b>2006</b> , 5, 165-78	12	115
104	Inhibition of Drp1 Ameliorates Synaptic Depression, A $\beta$ Deposition, and Cognitive Impairment in an Alzheimer's Disease Model. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 5099-5110	6.6	114
103	CD40/CD40 ligand signaling in mouse cerebral microvasculature after focal ischemia/reperfusion. <i>Circulation</i> , <b>2005</b> , 111, 1690-6	16.7	109
102	Complement mediators in ischemia-reperfusion injury. <i>Clinica Chimica Acta</i> , <b>2006</b> , 374, 33-45	6.2	105
101	Inflammasome activity is essential for one kidney/deoxycorticosterone acetate/salt-induced hypertension in mice. <i>British Journal of Pharmacology</i> , <b>2016</b> , 173, 752-65	8.6	104
100	Neuroprotection in stroke by complement inhibition and immunoglobulin therapy. <i>Neuroscience</i> , <b>2009</b> , 158, 1074-89	3.9	102
99	Notch activation enhances the microglia-mediated inflammatory response associated with focal cerebral ischemia. <i>Stroke</i> , <b>2011</b> , 42, 2589-94	6.7	102
98	Involvement of notch signaling in wound healing. <i>PLoS ONE</i> , <b>2007</b> , 2, e1167	3.7	99
97	Alzheimer's disease and Notch signaling. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 390, 1093-7	3.4	96

96	HDAC Inhibitor Sodium Butyrate-Mediated Epigenetic Regulation Enhances Neuroprotective Function of Microglia During Ischemic Stroke. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 6391-6411	6.2	95
95	A potent human C5a receptor antagonist protects against disease pathology in a rat model of inflammatory bowel disease. <i>Journal of Immunology</i> , <b>2003</b> , 171, 5514-20	5.3	94
94	Involvement of Fc receptors in disorders of the central nervous system. <i>NeuroMolecular Medicine</i> , <b>2010</b> , 12, 164-78	4.6	86
93	Intermittent fasting attenuates inflammasome activity in ischemic stroke. <i>Experimental Neurology</i> , <b>2014</b> , 257, 114-9	5.7	85
92	The flavonoid fisetin attenuates postischemic immune cell infiltration, activation and infarct size after transient cerebral middle artery occlusion in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2012</b> , 32, 835-43	7.3	83
91	Protective effect of a new C5a receptor antagonist against ischemia-reperfusion injury in the rat small intestine. <i>Journal of Surgical Research</i> , <b>2002</b> , 103, 260-7	2.5	83
90	Evidence that NLR4 inflammasome mediates apoptotic and pyroptotic microglial death following ischemic stroke. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 75, 34-47	16.6	82
89	Role of CCR2 in inflammatory conditions of the central nervous system. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2014</b> , 34, 1425-9	7.3	81
88	TLR2 activation inhibits embryonic neural progenitor cell proliferation. <i>Journal of Neurochemistry</i> , <b>2010</b> , 114, 462-74	6	73
87	Evidence that nucleocytoplasmic Olig2 translocation mediates brain-injury-induced differentiation of glial precursors to astrocytes. <i>Journal of Neuroscience Research</i> , <b>2007</b> , 85, 2126-37	4.4	72
86	Sex-dependent effects of G protein-coupled estrogen receptor activity on outcome after ischemic stroke. <i>Stroke</i> , <b>2014</b> , 45, 835-41	6.7	71
85	Oxidative lipid modification of nicastrin enhances amyloidogenic $\beta$ secretase activity in Alzheimer's disease. <i>Aging Cell</i> , <b>2012</b> , 11, 559-68	9.9	71
84	Evidence that gamma-secretase mediates oxidative stress-induced beta-secretase expression in Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2010</b> , 31, 917-25	5.6	68
83	Comparative anti-inflammatory activities of antagonists to C3a and C5a receptors in a rat model of intestinal ischaemia/reperfusion injury. <i>British Journal of Pharmacology</i> , <b>2004</b> , 142, 756-64	8.6	67
82	Evidence that gamma-secretase-mediated Notch signaling induces neuronal cell death via the nuclear factor-kappaB-Bcl-2-interacting mediator of cell death pathway in ischemic stroke. <i>Molecular Pharmacology</i> , <b>2011</b> , 80, 23-31	4.3	66
81	Protective effects of a potent C5a receptor antagonist on experimental acute limb ischemia-reperfusion in rats. <i>Journal of Surgical Research</i> , <b>2004</b> , 116, 81-90	2.5	66
80	Functional role of soluble receptor for advanced glycation end products in stroke. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 585-94	9.4	64
79	NRF2/ARE pathway negatively regulates BACE1 expression and ameliorates cognitive deficits in mouse Alzheimer's models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 12516-12523	11.5	62

78	Inhibition of notch signalling ameliorates experimental inflammatory arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 267-74	2.4	58
77	Neuroprotective actions of a histidine analogue in models of ischemic stroke. <i>Journal of Neurochemistry</i> , <b>2007</b> , 101, 729-36	6	55
76	Evidence that collaboration between HIF-1 $\alpha$ and Notch-1 promotes neuronal cell death in ischemic stroke. <i>Neurobiology of Disease</i> , <b>2014</b> , 62, 286-95	7.5	52
75	The organotellurium compound ammonium trichloro(dioxoethylene-0,0 $\gamma$ tellurate enhances neuronal survival and improves functional outcome in an ischemic stroke model in mice. <i>Journal of Neurochemistry</i> , <b>2007</b> , 102, 1232-41	6	52
74	Pin1 promotes neuronal death in stroke by stabilizing Notch intracellular domain. <i>Annals of Neurology</i> , <b>2015</b> , 77, 504-16	9.4	48
73	Vascular cognitive impairment and Alzheimer's disease: role of cerebral hypoperfusion and oxidative stress. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2012</b> , 385, 953-9	3.4	47
72	Stroke increases g protein-coupled estrogen receptor expression in the brain of male but not female mice. <i>NeuroSignals</i> , <b>2013</b> , 21, 229-39	1.9	47
71	Stroke biomarkers in clinical practice: A critical appraisal. <i>Neurochemistry International</i> , <b>2017</b> , 107, 11-22	4.4	43
70	Notch signaling and neuronal death in stroke. <i>Progress in Neurobiology</i> , <b>2018</b> , 165-167, 103-116	10.9	41
69	Pancortin-2 interacts with WAVE1 and Bcl-xL in a mitochondria-associated protein complex that mediates ischemic neuronal death. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 1519-28	6.6	41
68	Soluble neuroprotective antioxidant uric acid analogs ameliorate ischemic brain injury in mice. <i>NeuroMolecular Medicine</i> , <b>2007</b> , 9, 315-23	4.6	40
67	The homocysteine-inducible endoplasmic reticulum stress protein counteracts calcium store depletion and induction of CCAAT enhancer-binding protein homologous protein in a neurotoxin model of Parkinson disease. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 18323-33	5.4	39
66	Acute or Delayed Systemic Administration of Human Amnion Epithelial Cells Improves Outcomes in Experimental Stroke. <i>Stroke</i> , <b>2018</b> , 49, 700-709	6.7	38
65	Intravenous immunoglobulin (IVIg) dampens neuronal toll-like receptor-mediated responses in ischemia. <i>Journal of Neuroinflammation</i> , <b>2015</b> , 12, 73	10.1	38
64	Comparative protection against rat intestinal reperfusion injury by a new inhibitor of sPLA2, COX-1 and COX-2 selective inhibitors, and an LTC4 receptor antagonist. <i>British Journal of Pharmacology</i> , <b>2003</b> , 140, 71-80	8.6	38
63	Positive effects of intermittent fasting in ischemic stroke. <i>Experimental Gerontology</i> , <b>2017</b> , 89, 93-102	4.5	37
62	Intermittent fasting attenuates increases in neurogenesis after ischemia and reperfusion and improves recovery. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2014</b> , 34, 897-905	7.3	37
61	Evidence that the EphA2 receptor exacerbates ischemic brain injury. <i>PLoS ONE</i> , <b>2013</b> , 8, e53528	3.7	37

60	CCR6 (CC Chemokine Receptor 6) Is Essential for the Migration of Detrimental Natural Interleukin-17-Producing T <sub>H</sub> Cells in Stroke. <i>Stroke</i> , <b>2017</b> , 48, 1957-1965	6.7	36
59	Intravenous immunoglobulin protects neurons against amyloid beta-peptide toxicity and ischemic stroke by attenuating multiple cell death pathways. <i>Journal of Neurochemistry</i> , <b>2012</b> , 122, 321-32	6	35
58	SIRT2 Inhibition Confers Neuroprotection by Downregulation of FOXO3a and MAPK Signaling Pathways in Ischemic Stroke. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 9188-9203	6.2	34
57	An atypical role for the myeloid receptor Mincle in central nervous system injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2017</b> , 37, 2098-2111	7.3	34
56	Phytochemicals in Ischemic Stroke. <i>NeuroMolecular Medicine</i> , <b>2016</b> , 18, 283-305	4.6	31
55	Vitamin D Supplementation Reduces Subsequent Brain Injury and Inflammation Associated with Ischemic Stroke. <i>NeuroMolecular Medicine</i> , <b>2018</b> , 20, 147-159	4.6	30
54	Functional up-regulation of endopeptidase neurolysin during post-acute and early recovery phases of experimental stroke in mouse brain. <i>Journal of Neurochemistry</i> , <b>2014</b> , 129, 179-89	6	30
53	Toll-like receptors 2 and 4 modulate autonomic control of heart rate and energy metabolism. <i>Brain, Behavior, and Immunity</i> , <b>2014</b> , 36, 90-100	16.6	29
52	Evidence that neuronal Notch-1 promotes JNK/c-Jun activation and cell death following ischemic stress. <i>Brain Research</i> , <b>2014</b> , 1586, 193-202	3.7	28
51	Lowering corticosterone levels reinstates hippocampal brain-derived neurotropic factor and Trkb expression without influencing deficits in hypothalamic brain-derived neurotropic factor expression in leptin receptor-deficient mice. <i>Neuroendocrinology</i> , <b>2011</b> , 93, 58-64	5.6	28
50	A potent and selective inhibitor of group IIa secretory phospholipase A2 protects rats from TNBS-induced colitis. <i>International Immunopharmacology</i> , <b>2005</b> , 5, 883-92	5.8	27
49	Intestinal ischemia-reperfusion injury leads to inflammatory changes in the brain. <i>Shock</i> , <b>2011</b> , 36, 424-30.4	3.4	25
48	Evidence for a detrimental role of TLR8 in ischemic stroke. <i>Experimental Neurology</i> , <b>2013</b> , 250, 341-7	5.7	24
47	Mineralocorticoid receptor activation restores medial perforant path LTP in diabetic rats. <i>Synapse</i> , <b>2010</b> , 64, 528-32	2.4	23
46	Intermittent fasting increases adult hippocampal neurogenesis. <i>Brain and Behavior</i> , <b>2020</b> , 10, e01444	3.4	23
45	Cerebrospinal fluid high mobility group box 1 is associated with neuronal death in subarachnoid hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2017</b> , 37, 435-443	7.3	22
44	Interplay between Notch and p53 promotes neuronal cell death in ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2018</b> , 38, 1781-1795	7.3	22
43	IVIg attenuates complement and improves spinal cord injury outcomes in mice. <i>Annals of Clinical and Translational Neurology</i> , <b>2016</b> , 3, 495-511	5.3	22

42	AIM2 inflammasome mediates hallmark neuropathological alterations and cognitive impairment in a mouse model of vascular dementia. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 4544-4560	15.1	21
41	Assembly of glycoclusters and discovery of a trehalose analogue that retards A $\beta$ 0 aggregation and inhibits A $\beta$ 0-induced neurotoxicity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 4523-4528	2.9	21
40	Pirfenidone attenuates ischaemia-reperfusion injury in the rat small intestine. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2002</b> , 29, 996-1000	3	21
39	Emerging Roles of Sirtuins in Ischemic Stroke. <i>Translational Stroke Research</i> , <b>2017</b> , 8, 405	7.8	19
38	Association of the novel non-AT1, non-AT2 angiotensin binding site with neuronal cell death. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2010</b> , 335, 754-61	4.7	19
37	Electroconvulsive shock ameliorates disease processes and extends survival in huntingtin mutant mice. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 659-69	5.6	18
36	Cytosolic PTEN-induced Putative Kinase 1 Is Stabilized by the NF- $\kappa$ B Pathway and Promotes Non-selective Mitophagy. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 16882-93	5.4	17
35	Transcriptome analysis reveals intermittent fasting-induced genetic changes in ischemic stroke. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 1497-1513	5.6	17
34	O-GlcNAcylation as a Therapeutic Target for Alzheimer's Disease. <i>NeuroMolecular Medicine</i> , <b>2020</b> , 22, 171-193	4.6	16
33	CD151, a novel host factor of nuclear export signaling in influenza virus infection. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 141, 1799-1817	11.5	15
32	Combination Therapy with Low-Dose IVIG and a C1-esterase Inhibitor Ameliorates Brain Damage and Functional Deficits in Experimental Ischemic Stroke. <i>NeuroMolecular Medicine</i> , <b>2018</b> , 20, 63-72	4.6	15
31	Peptidase neurolysin functions to preserve the brain after ischemic stroke in male mice. <i>Journal of Neurochemistry</i> , <b>2020</b> , 153, 120-137	6	15
30	O-GlcNAcylation ameliorates the pathological manifestations of Alzheimer's disease by inhibiting necroptosis. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	15
29	HS to Mitigate Vascular Aging: A SIRT1 Connection. <i>Cell</i> , <b>2018</b> , 173, 8-10	56.2	14
28	C5a receptor (CD88) inhibition improves hypothermia-induced neuroprotection in an in vitro ischemic model. <i>NeuroMolecular Medicine</i> , <b>2012</b> , 14, 30-9	4.6	14
27	A synthetic uric acid analog accelerates cutaneous wound healing in mice. <i>PLoS ONE</i> , <b>2010</b> , 5, e10044	3.7	14
26	Inhibition of Notch1 induces population and suppressive activity of regulatory T cell in inflammatory arthritis. <i>Theranostics</i> , <b>2018</b> , 8, 4795-4804	12.1	14
25	Tissue-selective restriction of RNA editing of CaV1.3 by splicing factor SRSF9. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 7323-7338	20.1	14

24	Epigenetic regulation of inflammation in stroke. <i>Therapeutic Advances in Neurological Disorders</i> , <b>2018</b> , 11, 1756286418771815	6.6	13
23	Postnatal TLR2 activation impairs learning and memory in adulthood. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 48, 301-12	16.6	12
22	Therapeutic Potential of Intravenous Immunoglobulin in Acute Brain Injury. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 875	8.4	12
21	Over-expression of DSCR1 protects against post-ischemic neuronal injury. <i>PLoS ONE</i> , <b>2012</b> , 7, e47841	3.7	10
20	Contribution of gamma-secretase to calcium-mediated cell death. <i>Neuroscience Letters</i> , <b>2010</b> , 469, 425-83.3	3.3	10
19	Neuronal low-density lipoprotein receptor-related protein 1 (LRP1) enhances the anti-apoptotic effect of intravenous immunoglobulin (IVIg) in ischemic stroke. <i>Brain Research</i> , <b>2016</b> , 1644, 192-202	3.7	10
18	Calsenilin contributes to neuronal cell death in ischemic stroke. <i>Brain Pathology</i> , <b>2013</b> , 23, 402-12	6	8
17	Motor deficit in the mouse ferric chloride-induced distal middle cerebral artery occlusion model of stroke. <i>Behavioural Brain Research</i> , <b>2020</b> , 380, 112418	3.4	8
16	Effect of fingolimod on oligodendrocyte maturation under prolonged cerebral hypoperfusion. <i>Brain Research</i> , <b>2019</b> , 1720, 146294	3.7	7
15	Cerebral transcriptome analysis reveals age-dependent progression of neuroinflammation in P301S mutant tau transgenic male mice. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 80, 344-357	16.6	6
14	Predictive Nephrotoxicity Profiling of a Novel Antifungal Small Molecule in Comparison to Amphotericin B and Voriconazole. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 511	5.6	6
13	Diet-induced vitamin D deficiency has no effect on acute post-stroke outcomes in young male mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2018</b> , 38, 1968-1978	7.3	6
12	Genome-Wide Transcriptome Analysis Reveals Intermittent Fasting-Induced Metabolic Rewiring in the Liver. <i>Dose-Response</i> , <b>2019</b> , 17, 1559325819876780	2.3	6
11	Intravenous Immunoglobulin (IVIg) Induce a Protective Phenotype in Microglia Preventing Neuronal Cell Death in Ischaemic Stroke. <i>NeuroMolecular Medicine</i> , <b>2020</b> , 22, 121-132	4.6	6
10	Physiology and pharmacology of amyloid precursor protein.. <i>Pharmacology &amp; Therapeutics</i> , <b>2022</b> , 235, 108122	13.9	4
9	Intermittent fasting promotes prolonged associative interactions during synaptic tagging/capture by altering the metaplastic properties of the CA1 hippocampal neurons. <i>Neurobiology of Learning and Memory</i> , <b>2018</b> , 154, 70-77	3.1	3
8	Modulator of apoptosis-1 is a potential therapeutic target in acute ischemic injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2019</b> , 39, 2406-2418	7.3	3
7	The role of inflammasomes in vascular cognitive impairment.. <i>Molecular Neurodegeneration</i> , <b>2022</b> , 17, 4	19	3

6	A Potential Link between the C5a Receptor 1 and the $\beta$ -Adrenoreceptor in the Mouse Heart. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146022	3.7	3
5	IL-18 (Interleukin-18) Produced by Renal Tubular Epithelial Cells Promotes Renal Inflammation and Injury During Deoxycorticosterone/Salt-Induced Hypertension in Mice. <i>Hypertension</i> , <b>2021</b> , 78, 1296-1309	8.5	3
4	AIM2 inflammasome mediates apoptotic and pyroptotic death in the cerebellum following chronic hypoperfusion. <i>Experimental Neurology</i> , <b>2021</b> , 346, 113856	5.7	3
3	Integrative epigenomic and transcriptomic analyses reveal metabolic switching by intermittent fasting in brain.. <i>GeroScience</i> , <b>2022</b> , 1	8.9	2
2	Intermittent fasting attenuates inflammasome-associated apoptotic and pyroptotic death in the brain following chronic hypoperfusion. <i>Neurochemistry International</i> , <b>2021</b> , 148, 105109	4.4	1
1	CD137 Ligand-CD137 Interaction is Required For Inflammasome-Associated Brain Injury Following Ischemic Stroke. <i>NeuroMolecular Medicine</i> , <b>2020</b> , 22, 474-483	4.6	0