

Xinhua Zhan

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

4,661
citations

101543

36
h-index

106344

65
g-index

69
all docs

69
docs citations

69
times ranked

6383
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain and Blood microRNA Expression Profiling of Ischemic Stroke, Intracerebral Hemorrhage, and Kainate Seizures. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 92-101.	4.3	458
2	Hemorrhagic Transformation after Ischemic Stroke in Animals and Humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 185-199.	4.3	423
3	Targeting Neutrophils in Ischemic Stroke: Translational Insights from Experimental Studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 888-901.	4.3	405
4	Gram-negative bacterial molecules associate with Alzheimer disease pathology. <i>Neurology</i> , 2016, 87, 2324-2332.	1.1	374
5	Lipopolysaccharide Associates with Amyloid Plaques, Neurons and Oligodendrocytes in Alzheimer's Disease Brain: A Review. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 42.	3.4	249
6	microRNA Expression in Peripheral Blood Cells following Acute Ischemic Stroke and Their Predicted Gene Targets. <i>PLoS ONE</i> , 2014, 9, e99283.	2.5	165
7	Altered Expression of Long Noncoding RNAs in Blood After Ischemic Stroke and Proximity to Putative Stroke Risk Loci. <i>Stroke</i> , 2016, 47, 2896-2903.	2.0	131
8	Gene Expression Profiling of Blood for the Prediction of Ischemic Stroke. <i>Stroke</i> , 2010, 41, 2171-2177.	2.0	126
9	Signatures of cardioembolic and large-vessel ischemic stroke. <i>Annals of Neurology</i> , 2010, 68, 681-692.	5.3	114
10	Heat Shock Proteins in the Brain: Role of Hsp70, Hsp 27, and HO-1 (Hsp32) and Their Therapeutic Potential. <i>Translational Stroke Research</i> , 2013, 4, 685-692.	4.2	112
11	Regulation of Ciliary Beat Frequency by the Nitric Oxide-Cyclic Guanosine Monophosphate Signaling Pathway in Rat Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000, 23, 175-181.	2.9	107
12	Identification and validation of suitable endogenous reference genes for gene expression studies in human peripheral blood. <i>BMC Medical Genomics</i> , 2009, 2, 49.	1.5	94
13	Gene Expression in Peripheral Immune Cells following Cardioembolic Stroke Is Sexually Dimorphic. <i>PLoS ONE</i> , 2014, 9, e102550.	2.5	84
14	Prediction of Cardioembolic, Arterial, and Lacunar Causes of Cryptogenic Stroke by Gene Expression and Infarct Location. <i>Stroke</i> , 2012, 43, 2036-2041.	2.0	77
15	The Future of Genomic Profiling of Neurological Diseases Using Blood. <i>Archives of Neurology</i> , 2006, 63, 1529.	4.5	76
16	Elevating microRNA-122 in blood improves outcomes after temporary middle cerebral artery occlusion in rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1374-1383.	4.3	73
17	Molecular markers and mechanisms of stroke: RNA studies of blood in animals and humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1513-1531.	4.3	71
18	Myelin Basic Protein Associates with A β PP, A β 1-42, and Amyloid Plaques in Cortex of Alzheimer's Disease Brain. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 1213-1229.	2.6	67

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19	Recombinant Fv-Hsp70 Protein Mediates Neuroprotection After Focal Cerebral Ischemia in Rats. <i>Stroke</i> , 2010, 41, 538-543.	2.0	65
20	Effects of Gender on Gene Expression in the Blood of Ischemic Stroke Patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 780-791.	4.3	64
21	Very brief focal ischemia simulating transient ischemic attacks (TIAs) can injure brain and induce Hsp70 protein. <i>Brain Research</i> , 2008, 1234, 183-197.	2.2	60
22	Myelin Injury and Degraded Myelin Vesicles in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2014, 11, 232-238.	1.4	60
23	Profiles of lacunar and nonlacunar stroke. <i>Annals of Neurology</i> , 2011, 70, 477-485.	5.3	59
24	Src Kinase Inhibition Improves Acute Outcomes After Experimental Intracerebral Hemorrhage. <i>Stroke</i> , 2007, 38, 1621-1625.	2.0	58
25	Distinctive RNA Expression Profiles in Blood Associated With White Matter Hyperintensities in Brain. <i>Stroke</i> , 2010, 41, 2744-2749.	2.0	54
26	Inflammatory, regulatory, and autophagy co-expression modules and hub genes underlie the peripheral immune response to human intracerebral hemorrhage. <i>Journal of Neuroinflammation</i> , 2019, 16, 56.	7.2	51
27	Intracerebral Hemorrhage and Ischemic Stroke of Different Etiologies Have Distinct Alternatively Spliced mRNA Profiles in the Blood: a Pilot RNA-seq Study. <i>Translational Stroke Research</i> , 2015, 6, 284-289.	4.2	49
28	The X-Chromosome Has a Different Pattern of Gene Expression in Women Compared With Men With Ischemic Stroke. <i>Stroke</i> , 2012, 43, 326-334.	2.0	48
29	GABA- and acetylcholine-related gene expression in blood correlate with tic severity and microarray evidence for alternative splicing in Tourette syndrome: A pilot study. <i>Brain Research</i> , 2011, 1381, 228-236.	2.2	47
30	RNA in blood is altered prior to hemorrhagic transformation in ischemic stroke. <i>Annals of Neurology</i> , 2013, 74, 232-240.	5.3	47
31	The intracerebral hemorrhage blood transcriptome in humans differs from the ischemic stroke and vascular risk factor control blood transcriptomes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1818-1835.	4.3	45
32	Arctic Ground Squirrel (<i>Spermophilus Parryii</i>) Hippocampal Neurons Tolerate Prolonged Oxygen Glucose Deprivation and Maintain Baseline ERK1/2 and JNK Activation Despite Drastic ATP Loss. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 1307-1319.	4.3	44
33	Distinctive RNA Expression Profiles in Blood Associated With Alzheimer Disease After Accounting for White Matter Hyperintensities. <i>Alzheimer Disease and Associated Disorders</i> , 2014, 28, 226-233.	1.3	43
34	Expression of Endothelial Nitric Oxide Synthase in Ciliated Epithelia of Rats. <i>Journal of Histochemistry and Cytochemistry</i> , 2003, 51, 81-87.	2.5	40
35	Leukocyte response is regulated by microRNA let7i in patients with acute ischemic stroke. <i>Neurology</i> , 2016, 87, 2198-2205.	1.1	40
36	Isoflurane Neuroprotection in Rat Hippocampal Slices Decreases with Aging. <i>Anesthesiology</i> , 2006, 104, 995-1003.	2.5	38

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37	Ischemic Transient Neurological Events Identified by Immune Response to Cerebral Ischemia. <i>Stroke</i> , 2012, 43, 1006-1012.	2.0	38
38	MicroRNA and their target mRNAs change expression in whole blood of patients after intracerebral hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 775-786.	4.3	38
39	Inflammation Combined with Ischemia Produces Myelin Injury and Plaque-Like Aggregates of Myelin, Amyloid- β and A β PP in Adult Rat Brain. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 507-523.	2.6	36
40	Immunohistochemical Evidence for the NO cGMP Signaling Pathway In Respiratory Ciliated Epithelia of Rat. <i>Journal of Histochemistry and Cytochemistry</i> , 1999, 47, 1369-1374.	2.5	33
41	Brief Focal Cerebral Ischemia That Simulates Transient Ischemic Attacks in Humans Regulates Gene Expression in Rat Peripheral Blood. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 110-118.	4.3	33
42	Exon expression and alternatively spliced genes in tourette syndrome. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 72-78.	1.7	30
43	Catecholamine-related gene expression in blood correlates with tic severity in tourette syndrome. <i>Psychiatry Research</i> , 2012, 200, 593-601.	3.3	29
44	Inhibition of Src Family Kinases Protects Hippocampal Neurons and Improves Cognitive Function after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 1268-1276.	3.4	28
45	Distinct peripheral blood monocyte and neutrophil transcriptional programs following intracerebral hemorrhage and different etiologies of ischemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1398-1416.	4.3	27
46	Y Chromosome Gene Expression in the Blood of Male Patients With Ischemic Stroke Compared With Male Controls. <i>Gender Medicine</i> , 2012, 9, 68-75.e3.	1.4	25
47	Inhibition of Src family kinases improves cognitive function after intraventricular hemorrhage or intraventricular thrombin. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2359-2367.	4.3	25
48	Molecular Correlates of Hemorrhage and Edema Volumes Following Human Intracerebral Hemorrhage Implicate Inflammation, Autophagy, mRNA Splicing, and T Cell Receptor Signaling. <i>Translational Stroke Research</i> , 2021, 12, 754-777.	4.2	24
49	Bacterial lipopolysaccharide is associated with stroke. <i>Scientific Reports</i> , 2021, 11, 6570.	3.3	24
50	HDAC9 Polymorphism Alters Blood Gene Expression in Patients with Large Vessel Atherosclerotic Stroke. <i>Translational Stroke Research</i> , 2019, 10, 19-25.	4.2	23
51	PARP1-mediated PARylation activity is essential for oligodendroglial differentiation and CNS myelination. <i>Cell Reports</i> , 2021, 37, 109695.	6.4	23
52	Propofol Stimulates Ciliary Motility via the Nitric Oxide-Cyclic GMP Pathway in Cultured Rat Tracheal Epithelial Cells. <i>Anesthesiology</i> , 2000, 93, 482-488.	2.5	17
53	Genome response to tissue plasminogen activator in experimental ischemic stroke. <i>BMC Genomics</i> , 2010, 11, 254.	2.8	17
54	The Wnt Effector TCF7L2 Promotes Oligodendroglial Differentiation by Repressing Autocrine BMP4-Mediated Signaling. <i>Journal of Neuroscience</i> , 2021, 41, 1650-1664.	3.6	17

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55	Genetic variation contributes to gene expression response in ischemic stroke: an eQTL study. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1648-1660.	3.7	11
56	MicroRNA and mRNA Expression Changes in Steroid Na ⁺ -ve and Steroid Treated DMD Patients. <i>Journal of Neuromuscular Diseases</i> , 2015, 2, 387-396.	2.6	10
57	RNA Expression Profiles From Blood for the Diagnosis of Stroke and Its Causes. <i>Journal of Child Neurology</i> , 2011, 26, 1131-1136.	1.4	9
58	Lipopolysaccharide, Identified Using an Antibody and by PAS Staining, Is Associated With Corpora amylacea and White Matter Injury in Alzheimer's Disease and Aging Brain. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 705594.	3.4	9
59	Alternative Splicing of Putative Stroke/Vascular Risk Factor Genes Expressed in Blood Following Ischemic Stroke Is Sexually Dimorphic and Cause-Specific. <i>Frontiers in Neurology</i> , 2020, 11, 584695.	2.4	8
60	Post stroke intervention: Is the window widening?. <i>Neuropharmacology</i> , 2011, 60, 1000-1002.	4.1	2
61	Cleaved β -Actin May Contribute to DNA Fragmentation Following Very Brief Focal Cerebral Ischemia. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 260-265.	1.7	2
62	Abstract W P93: MiR-122 Improves Stroke Outcomes after Middle Cerebral Artery Occlusion in Rats. <i>Stroke</i> , 2015, 46, .	2.0	1
63	Abstract 69: Trans-eQTL Analysis of Blood After Ischemic Stroke Reveals X-Linked SNP-Gene Relationships. <i>Stroke</i> , 2020, 51, .	2.0	1
64	Progression of cerebral white matter hyperintensities is related to leucocyte gene expression. <i>Brain</i> , 2022, 145, 3179-3186.	7.6	1
65	Gene Expression Changes Implicate Specific Peripheral Immune Responses to Deep and Lobar Intracerebral Hemorrhages in Humans. <i>Brain Hemorrhages</i> , 2022, , .	1.0	1
66	Abstract 2357: Src Kinase Inhibition Blocks Thrombin-induced Brain Injuries without Cognitive Side Effects. <i>Stroke</i> , 2012, 43, .	2.0	0
67	Abstract TP81: MiR122 Modulates Nos2 to Improve Stroke Outcomes After Middle Cerebral Artery Occlusion in Rats. <i>Stroke</i> , 2017, 48, .	2.0	0
68	Abstract T P234: Cell Cycle Inhibition via Blocking Src Family Kinases Promotes Hippocampal Neuron Survival and Improves Cognitive Function after Intraventricular Hemorrhage. <i>Stroke</i> , 2014, 45, .	2.0	0