

Ling Wei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4312437/publications.pdf>

Version: 2024-02-01

106
papers

7,312
citations

46918

47
h-index

58464

82
g-index

108
all docs

108
docs citations

108
times ranked

8856
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogenesis of sporadic Alzheimer's disease by deficiency of NMDA receptor subunit GluN3A. <i>Alzheimer's and Dementia</i> , 2022, 18, 222-239.	0.4	19
2	Combinatorial intranasal delivery of bone marrow mesenchymal stem cells and insulin-like growth factor-1 improves neurovascularization and functional outcomes following focal cerebral ischemia in mice. <i>Experimental Neurology</i> , 2021, 337, 113542.	2.0	24
3	Vascular protection and regenerative effects of intranasal DL-3-N-butylphthalide treatment after ischaemic stroke in mice. <i>Stroke and Vascular Neurology</i> , 2021, 6, 74-79.	1.5	11
4	DL-3-n-butylphthalide Increases Collateriogenesis and Functional Recovery after Focal Ischemic Stroke in Mice. , 2021, 12, 1835.		15
5	Conversion of Reactive Astrocytes to Induced Neurons Enhances Neuronal Repair and Functional Recovery After Ischemic Stroke. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 612856.	1.7	22
6	Glial Cell-Based Vascular Mechanisms and Transplantation Therapies in Brain Vessel and Neurodegenerative Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 627682.	1.8	7
7	GPR37 modulates progenitor cell dynamics in a mouse model of ischemic stroke. <i>Experimental Neurology</i> , 2021, 342, 113719.	2.0	5
8	Tuning Protein Dynamics to Sense Rapid Endoplasmic Reticulum Calcium Dynamics. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23289-23298.	7.2	10
9	Improved trafficking and expression of luminopsins for more efficient optical and pharmacological control of neuronal activity. <i>Journal of Neuroscience Research</i> , 2020, 98, 481-490.	1.3	8
10	DPP-4 Inhibitor Linagliptin is Neuroprotective in Hyperglycemic Mice with Stroke via the AKT/mTOR Pathway and Anti-apoptotic Effects. <i>Neuroscience Bulletin</i> , 2020, 36, 407-418.	1.5	15
11	Pharmacological hypothermia induced neurovascular protection after severe stroke of transient middle cerebral artery occlusion in mice. <i>Experimental Neurology</i> , 2020, 325, 113133.	2.0	18
12	Neuropsychological Deficits Chronically Developed after Focal Ischemic Stroke and Beneficial Effects of Pharmacological Hypothermia in the Mouse. , 2020, 11, 1.		23
13	Cortical Transplantation of Brain-Mimetic Glycosaminoglycan Scaffolds and Neural Progenitor Cells Promotes Vascular Regeneration and Functional Recovery after Ischemic Stroke in Mice. <i>Advanced Healthcare Materials</i> , 2020, 9, e1900285.	3.9	34
14	Modulation of Stem Cells as Therapeutics for Severe Mental Disorders and Cognitive Impairments. <i>Frontiers in Psychiatry</i> , 2020, 11, 80.	1.3	17
15	Establishment of a risk assessment tool for pregnancy-associated venous thromboembolism and its clinical application: protocol for a prospective observational study in Beijing. <i>BMC Pregnancy and Childbirth</i> , 2019, 19, 294.	0.9	7
16	Optochemogenetic Stimulation of Transplanted iPS-NPCs Enhances Neuronal Repair and Functional Recovery after Ischemic Stroke. <i>Journal of Neuroscience</i> , 2019, 39, 6571-6594.	1.7	67
17	Protective effects of GPR37 <i>via</i> regulation of inflammation and multiple cell death pathways after ischemic stroke in mice. <i>FASEB Journal</i> , 2019, 33, 10680-10691.	0.2	39
18	Hypoxia-Primed Stem Cell Transplantation in Stroke. <i>Springer Series in Translational Stroke Research</i> , 2019, , 9-26.	0.1	3

#	ARTICLE	IF	CITATIONS
19	Delayed and repeated intranasal delivery of bone marrow stromal cells increases regeneration and functional recovery after ischemic stroke in mice. <i>BMC Neuroscience</i> , 2018, 19, 20.	0.8	43
20	Pharmacokinetics and Toxicology of the Neuroprotective e,e,e-Methanofullerene(60)-63-tris Malonic Acid [C3] in Mice and Primates. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2018, 43, 543-554.	0.6	9
21	Neuroprotective and regenerative roles of intranasal Wnt-3a administration after focal ischemic stroke in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 404-421.	2.4	66
22	Intranasally Delivered Wnt3a Improves Functional Recovery after Traumatic Brain Injury by Modulating Autophagic, Apoptotic, and Regenerative Pathways in the Mouse Brain. <i>Journal of Neurotrauma</i> , 2018, 35, 802-813.	1.7	44
23	Association between Leukoaraiosis and Symptomatic Intracranial Large Artery Stenoses and Occlusions: the Chinese Intracranial Atherosclerosis (CICAS) Study. , 2018, 9, 1074.		15
24	Temporal Gene Expression Profiles after Focal Cerebral Ischemia in Mice. , 2018, 9, 249.		25
25	Enhanced Neurogenesis and Collaterogenesis by Sodium Danshensu Treatment After Focal Cerebral Ischemia in Mice. <i>Cell Transplantation</i> , 2018, 27, 622-636.	1.2	29
26	Pyruvate Kinase M2 Increases Angiogenesis, Neurogenesis, and Functional Recovery Mediated by Upregulation of STAT3 and Focal Adhesion Kinase Activities After Ischemic Stroke in Adult Mice. <i>Neurotherapeutics</i> , 2018, 15, 770-784.	2.1	51
27	Delayed treatment of 6-Bromoindirubin oxime stimulates neurogenesis and functional recovery after focal ischemic stroke in mice. <i>International Journal of Developmental Neuroscience</i> , 2017, 57, 77-84.	0.7	20
28	DL-3-n-butylphthalide induced neuroprotection, regenerative repair, functional recovery and psychological benefits following traumatic brain injury in mice. <i>Neurochemistry International</i> , 2017, 111, 82-92.	1.9	55
29	Longitudinal MRI evaluation of neuroprotective effects of pharmacologically induced hypothermia in experimental ischemic stroke. <i>Magnetic Resonance Imaging</i> , 2017, 40, 24-30.	1.0	8
30	GSK-3 β Inhibition Induced Neuroprotection, Regeneration, and Functional Recovery after Intracerebral Hemorrhagic Stroke. <i>Cell Transplantation</i> , 2017, 26, 395-407.	1.2	45
31	Stem cell transplantation therapy for multifaceted therapeutic benefits after stroke. <i>Progress in Neurobiology</i> , 2017, 157, 49-78.	2.8	127
32	Triclosan/triclocarban levels in maternal and umbilical blood samples and their association with fetal malformation. <i>Clinica Chimica Acta</i> , 2017, 466, 133-137.	0.5	70
33	Early-life exposure to air pollutants and adverse pregnancy outcomes: protocol for a prospective cohort study in Beijing. <i>BMJ Open</i> , 2017, 7, e015895.	0.8	9
34	Erythropoietin ameliorates early brain injury after subarachnoid haemorrhage by modulating microglia polarization via the EPOR/JAK2-STAT3 pathway. <i>Experimental Cell Research</i> , 2017, 361, 342-352.	1.2	62
35	Long-term survival and regeneration of neuronal and vasculature cells inside the core region after ischemic stroke in adult mice. <i>Brain Pathology</i> , 2017, 27, 480-498.	2.1	49
36	Optogenetic stimulation of glutamatergic neuronal activity in the striatum enhances neurogenesis in the subventricular zone of normal and stroke mice. <i>Neurobiology of Disease</i> , 2017, 98, 9-24.	2.1	58

#	ARTICLE	IF	CITATIONS
37	Transplantation of iPS cell-derived neural progenitors overexpressing SDF-1 α increases regeneration and functional recovery after ischemic stroke. <i>Oncotarget</i> , 2017, 8, 97537-97553.	0.8	22
38	Priming of the Cells: Hypoxic Preconditioning for Stem Cell Therapy. <i>Chinese Medical Journal</i> , 2017, 130, 2361-2374.	0.9	23
39	Administration of low dose estrogen attenuates gliosis and protects neurons in acute spinal cord injury in rats. <i>Journal of Neurochemistry</i> , 2016, 136, 1064-1073.	2.1	38
40	Administration of low dose estrogen attenuates persistent inflammation, promotes angiogenesis, and improves locomotor function following chronic spinal cord injury in rats. <i>Journal of Neurochemistry</i> , 2016, 137, 604-617.	2.1	45
41	Regulation of therapeutic hypothermia on inflammatory cytokines, microglia polarization, migration and functional recovery after ischemic stroke in mice. <i>Neurobiology of Disease</i> , 2016, 96, 248-260.	2.1	109
42	Neonatal inflammatory pain and systemic inflammatory responses as possible environmental factors in the development of autism spectrum disorder of juvenile rats. <i>Journal of Neuroinflammation</i> , 2016, 13, 109.	3.1	37
43	Intracranial Transplantation of Hypoxia-Preconditioned iPSC-Derived Neural Progenitor Cells Alleviates Neuropsychiatric Defects after Traumatic Brain Injury in Juvenile Rats. <i>Cell Transplantation</i> , 2016, 25, 797-809.	1.2	34
44	Improved Therapeutic Benefits by Combining Physical Cooling With Pharmacological Hypothermia After Severe Stroke in Rats. <i>Stroke</i> , 2016, 47, 1907-1913.	1.0	26
45	Expression of the NMDA receptor subunit GluN3A (NR3A) in the olfactory system and its regulatory role on olfaction in the adult mouse. <i>Brain Structure and Function</i> , 2016, 221, 3259-3273.	1.2	22
46	Chinese population exposure to triclosan and triclocarban as measured via human urine and nails. <i>Environmental Geochemistry and Health</i> , 2016, 38, 1125-1135.	1.8	70
47	Regeneration after stroke: Stem cell transplantation and trophic factors. <i>Brain Circulation</i> , 2016, 2, 86.	0.7	15
48	Intranasal Delivery of Bone Marrow Mesenchymal Stem Cells Improved Neurovascular Regeneration and Rescued Neuropsychiatric Deficits after Neonatal Stroke in Rats. <i>Cell Transplantation</i> , 2015, 24, 391-402.	1.2	77
49	A neuroprotective role of the NMDA receptor subunit GluN3A (NR3A) in ischemic stroke of the adult mouse. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C570-C577.	2.1	21
50	Intranasal delivery of hypoxia-preconditioned bone marrow-derived mesenchymal stem cells enhanced regenerative effects after intracerebral hemorrhagic stroke in mice. <i>Experimental Neurology</i> , 2015, 272, 78-87.	2.0	107
51	Pharmacologically induced hypothermia attenuates traumatic brain injury in neonatal rats. <i>Experimental Neurology</i> , 2015, 267, 135-142.	2.0	50
52	Neurodevelopmental implications of the general anesthesia in neonate and infants. <i>Experimental Neurology</i> , 2015, 272, 50-60.	2.0	87
53	Honokiol for the Treatment of Neonatal Pain and Prevention of Consequent Neurobehavioral Disorders. <i>Journal of Natural Products</i> , 2015, 78, 2531-2536.	1.5	8
54	Intranasal Delivery of Apelin-13 Is Neuroprotective and Promotes Angiogenesis After Ischemic Stroke in Mice. <i>ASN Neuro</i> , 2015, 7, 175909141560511.	1.5	104

#	ARTICLE	IF	CITATIONS
55	Therapeutic Effects of Pharmacologically Induced Hypothermia against Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2014, 31, 1417-1430.	1.7	58
56	Cell based therapies for ischemic stroke: From basic science to bedside. <i>Progress in Neurobiology</i> , 2014, 115, 92-115.	2.8	171
57	Ion Channels in Regulation of Neuronal Regenerative Activities. <i>Translational Stroke Research</i> , 2014, 5, 156-162.	2.3	30
58	iPSC Transplantation Increases Regeneration and Functional Recovery After Ischemic Stroke in Neonatal Rats. <i>Stem Cells</i> , 2014, 32, 3075-3087.	1.4	79
59	Regulatory Role of the JNK-STAT1/3 Signaling in Neuronal Differentiation of Cultured Mouse Embryonic Stem Cells. <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 881-893.	1.7	37
60	Preconditioning of bone marrow mesenchymal stem cells by prolyl hydroxylase inhibition enhances cell survival and angiogenesis in vitro and after transplantation into the ischemic heart of rats. <i>Stem Cell Research and Therapy</i> , 2014, 5, 111.	2.4	82
61	Mobilization of Endogenous Bone Marrow Derived Endothelial Progenitor Cells and Therapeutic Potential of Parathyroid Hormone after Ischemic Stroke in Mice. <i>PLoS ONE</i> , 2014, 9, e87284.	1.1	35
62	Highly efficient differentiation of neural precursors from human embryonic stem cells and benefits of transplantation after ischemic stroke in mice. <i>Stem Cell Research and Therapy</i> , 2013, 4, 93.	2.4	42
63	Preconditioning Strategy in Stem Cell Transplantation Therapy. <i>Translational Stroke Research</i> , 2013, 4, 76-88.	2.3	171
64	Regulatory roles of the NMDA receptor GluN3A subunit in locomotion, pain perception and cognitive functions in adult mice. <i>Journal of Physiology</i> , 2013, 591, 149-168.	1.3	40
65	Efficient neuronal differentiation of mouse ES and iPS cells using a rotary cell culture protocol. <i>Differentiation</i> , 2013, 86, 149-158.	1.0	11
66	Delayed Intranasal Delivery of Hypoxic-Preconditioned Bone Marrow Mesenchymal Stem Cells Enhanced Cell Homing and Therapeutic Benefits after Ischemic Stroke in Mice. <i>Cell Transplantation</i> , 2013, 22, 977-991.	1.2	163
67	Restoration of Intracortical and Thalamocortical Circuits after Transplantation of Bone Marrow Mesenchymal Stem Cells into the Ischemic Brain of Mice. <i>Cell Transplantation</i> , 2013, 22, 2001-2015.	1.2	68
68	Vector-Free and Transgene-Free Human iPS Cells Differentiate into Functional Neurons and Enhance Functional Recovery after Ischemic Stroke in Mice. <i>PLoS ONE</i> , 2013, 8, e64160.	1.1	69
69	A novel stroke therapy of pharmacologically induced hypothermia after focal cerebral ischemia in mice. <i>FASEB Journal</i> , 2012, 26, 2799-2810.	0.2	86
70	Expression of heparanase in vascular cells and astrocytes of the mouse brain after focal cerebral ischemia. <i>Brain Research</i> , 2012, 1433, 137-144.	1.1	21
71	Protective effect of apelin on cultured rat bone marrow mesenchymal stem cells against apoptosis. <i>Stem Cell Research</i> , 2012, 8, 357-367.	0.3	71
72	Inhibition of prolyl hydroxylases by dimethylxaloylglycine after stroke reduces ischemic brain injury and requires hypoxia inducible factor-1 α . <i>Neurobiology of Disease</i> , 2012, 45, 733-742.	2.1	120

#	ARTICLE	IF	CITATIONS
73	Transplantation of hypoxia preconditioned bone marrow mesenchymal stem cells enhances angiogenesis and neurogenesis after cerebral ischemia in rats. <i>Neurobiology of Disease</i> , 2012, 46, 635-645.	2.1	322
74	Cellular Therapy for Ischemic Stroke. , 2012, , 777-814.		1
75	N-methyl-D-aspartate receptor subtype 3A promotes apoptosis in developing mouse brain exposed to hyperoxia. <i>Neural Regeneration Research</i> , 2012, 7, 273-7.	1.6	0
76	Potential role of KCNQ/M-channels in regulating neuronal differentiation in mouse hippocampal and embryonic stem cell-derived neuronal cultures. <i>Experimental Neurology</i> , 2011, 229, 471-483.	2.0	18
77	The role of VEGF/VEGFR2 signaling in peripheral stimulation-induced cerebral neurovascular regeneration after ischemic stroke in mice. <i>Experimental Brain Research</i> , 2011, 214, 503-513.	0.7	45
78	Erythropoietin Reduces Neuronal Cell Death and Hyperalgesia Induced by Peripheral Inflammatory Pain in Neonatal Rats. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-51.	1.0	17
79	Hypoxic preconditioning enhances bone marrow mesenchymal stem cell migration via Kv2.1 channel and FAK activation. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C362-C372.	2.1	107
80	Sublethal Transient Global Ischemia Stimulates Migration of Neuroblasts and Neurogenesis in Mice. <i>Translational Stroke Research</i> , 2010, 1, 184-196.	2.3	34
81	dl-3-n-Butylphthalide prevents neuronal cell death after focal cerebral ischemia in mice via the JNK pathway. <i>Brain Research</i> , 2010, 1359, 216-226.	1.1	105
82	Neuroprotective effect of the endogenous neural peptide apelin in cultured mouse cortical neurons. <i>Experimental Cell Research</i> , 2010, 316, 1773-1783.	1.2	140
83	Primed for lethal battle: A step forward to enhance the efficacy and efficiency of stem cell transplantation therapy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 527.	0.4	16
84	Prolyl hydroxylase inhibitor dimethyloxalylglycine enhances mesenchymal stem cell survival. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 903-911.	1.2	59
85	Enhanced neurogenesis and cell migration following focal ischemia and peripheral stimulation in mice. <i>Developmental Neurobiology</i> , 2008, 68, 1474-1486.	1.5	62
86	Formation of Kv2.1â€FAK complex as a mechanism of FAK activation, cell polarization and enhanced motility. <i>Journal of Cellular Physiology</i> , 2008, 217, 544-557.	2.0	44
87	Transplantation of Embryonic Stem Cells Improves Nerve Repair and Functional Recovery After Severe Sciatic Nerve Axotomy in Rats. <i>Stem Cells</i> , 2008, 26, 1356-1365.	1.4	131
88	Transplantation of hypoxia-preconditioned mesenchymal stem cells improves infarcted heart function via enhanced survival of implanted cells and angiogenesis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 135, 799-808.	0.4	537
89	In vitro hypoxic preconditioning of embryonic stem cells as a strategy of promoting cell survival and functional benefits after transplantation into the ischemic rat brain. <i>Experimental Neurology</i> , 2008, 210, 656-670.	2.0	222
90	Therapeutic Strategy of Erythropoietin in Neurological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2008, 7, 227-234.	0.8	26

#	ARTICLE	IF	CITATIONS
91	The Effect of Recombinant Human Erythropoietin on Neurovasculature Repair after Focal Ischemic Stroke in Neonatal Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 322, 521-528.	1.3	35
92	Whisker Stimulation Enhances Angiogenesis in the Barrel Cortex following Focal Ischemia in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 57-68.	2.4	50
93	Erythropoietin-Induced Neurovascular Protection, Angiogenesis, and Cerebral Blood Flow Restoration after Focal Ischemia in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 1043-1054.	2.4	193
94	Erythropoietin Prevents Blood Brain Barrier Damage Induced by Focal Cerebral Ischemia in Mice. <i>Neurochemical Research</i> , 2007, 32, 2132-2141.	1.6	56
95	Role of ERK 1/2 signaling in neuronal differentiation of cultured embryonic stem cells. <i>Development Growth and Differentiation</i> , 2006, 48, 513-523.	0.6	130
96	Cell Death Mechanism and Protective Effect of Erythropoietin after Focal Ischemia in the Whisker-Barrel Cortex of Neonatal Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 109-116.	1.3	89
97	Transplantation of embryonic stem cells overexpressing Bcl-2 promotes functional recovery after transient cerebral ischemia. <i>Neurobiology of Disease</i> , 2005, 19, 183-193.	2.1	184
98	Angiogenesis and stem cell transplantation as potential treatments of cerebral ischemic stroke. <i>Pathophysiology</i> , 2005, 12, 47-62.	1.0	44
99	Necrosis, apoptosis and hybrid death in the cortex and thalamus after barrel cortex ischemia in rats. <i>Brain Research</i> , 2004, 1022, 54-61.	1.1	94
100	Effects of chloride and potassium channel blockers on apoptotic cell shrinkage and apoptosis in cortical neurons. <i>Pflugers Archiv European Journal of Physiology</i> , 2004, 448, 325-334.	1.3	84
101	Potassium Channel Blockers Attenuate Hypoxia- and Ischemia-Induced Neuronal Death In Vitro and In Vivo. <i>Stroke</i> , 2003, 34, 1281-1286.	1.0	109
102	Ionic Mechanism of Ouabain-Induced Concurrent Apoptosis and Necrosis in Individual Cultured Cortical Neurons. <i>Journal of Neuroscience</i> , 2002, 22, 1350-1362.	1.7	221
103	New Patterns of Intracortical Projections after Focal Cortical Stroke. <i>Neurobiology of Disease</i> , 2001, 8, 910-922.	2.1	259
104	Collateral Growth and Angiogenesis Around Cortical Stroke. <i>Stroke</i> , 2001, 32, 2179-2184.	1.0	287
105	Differences in Vulnerability to Permanent Focal Cerebral Ischemia Among 3 Common Mouse Strains. <i>Stroke</i> , 2000, 31, 2707-2714.	1.0	156
106	Ministrokes in Rat Barrel Cortex. <i>Stroke</i> , 1995, 26, 1459-1462.	1.0	55