

Yan Wu

List of Publications by Year in descending order

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62
papers

2,531
citations

331670

21
h-index

214800

47
g-index

63
all docs

63
docs citations

63
times ranked

5609
citing authors

#	ARTICLE	IF	CITATIONS
1	A noncompeting pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2. <i>Science</i> , 2020, 368, 1274-1278.	12.6	964
2	The Role of NMDA Receptors in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 43.	2.8	275
3	Amyloid- β Induces Caspase-Dependent Loss of PSD-95 and Synaptophysin Through NMDA Receptors. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 541-556.	2.6	100
4	Age related changes of various markers of astrocytes in senescence-accelerated mice hippocampus. <i>Neurochemistry International</i> , 2005, 46, 565-574.	3.8	95
5	Prolonged Neuroinflammation after Lipopolysaccharide Exposure in Aged Rats. <i>PLoS ONE</i> , 2014, 9, e106331.	2.5	93
6	SMAD pathway mediation of BDNF and TGF β 2 regulation of proliferation and differentiation of hippocampal granule neurons. <i>Development (Cambridge)</i> , 2005, 132, 3231-3242.	2.5	89
7	Depletion of the neural precursor cell pool by glucocorticoids. <i>Annals of Neurology</i> , 2010, 67, 21-30.	5.3	77
8	Hydroxysafflor Yellow A Alleviates Early Inflammatory Response of Bleomycin-Induced Mice Lung Injury. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 515-522.	1.4	50
9	Injection of oxytocin into paraventricular nucleus reverses depressive-like behaviors in the postpartum depression rat model. <i>Behavioural Brain Research</i> , 2018, 336, 236-243.	2.2	50
10	Umbilical Cord-Derived Mesenchymal Stem Cells With Forced Expression of Hepatocyte Growth Factor Enhance Remyelination and Functional Recovery in a Rat Intracerebral Hemorrhage Model. <i>Neurosurgery</i> , 2010, 67, 357-366.	1.1	48
11	Apoptosis – A Brief Review. <i>Neuroembryology and Aging</i> , 2004, 3, 47-59.	0.1	45
12	Molecular evidence of the neuroprotective effect of Ginkgo biloba (EGb761) using bax/bcl-2 ratio after brain ischemia in senescence-accelerated mice, strain prone-8. <i>Brain Research</i> , 2006, 1090, 23-28.	2.2	37
13	Cerebral dopamine neurotrophic factor alleviates A β 25-35 -induced endoplasmic reticulum stress and early synaptotoxicity in rat hippocampal cells. <i>Neuroscience Letters</i> , 2016, 633, 40-46.	2.1	30
14	Emerging HxNy Influenza A Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2022, 12, a038406.	6.2	30
15	Hydroxysafflor Yellow A Attenuates Bleomycin-Induced Pulmonary Fibrosis in Mice. <i>Phytotherapy Research</i> , 2016, 30, 577-587.	5.8	29
16	Astrocytic GluN2A and GluN2B Oppose the Synaptotoxic Effects of Amyloid- β 1-40 in Hippocampal Cells. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 135-148.	2.6	27
17	Different expression of NR2B and PSD-95 in rat hippocampal subregions during postnatal development. <i>Microscopy Research and Technique</i> , 2009, 72, 517-524.	2.2	26
18	Illumination with 630nm Red Light Reduces Oxidative Stress and Restores Memory by Photo-Activating Catalase and Formaldehyde Dehydrogenase in SAMP8 Mice. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1432-1449.	5.4	26

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19	Correlation between EDSS scores and cervical spinal cord atrophy at 3T MRI in multiple sclerosis: A systematic review and meta-analysis. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 37, 101426.	2.0	25
20	Ulinastatin suppresses lipopolysaccharide induced neuro-inflammation through the downregulation of nuclear factor- κ B in SD rat hippocampal astrocyte. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 763-770.	2.1	24
21	Mapping cellular gains and losses in the postnatal dentate gyrus: Implications for psychiatric disorders. <i>Experimental Neurology</i> , 2006, 200, 321-331.	4.1	23
22	Pyrrolidine Dithiocarbamate Prevents Neuroinflammation and Cognitive Dysfunction after Endotoxemia in Rats. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 175.	3.4	23
23	Age-related alterations in cytochrome c-mediated caspase activation in rhesus macaque monkey (<i>Macaca mulatta</i>) brains. <i>Molecular Brain Research</i> , 2004, 123, 112-120.	2.3	22
24	Differential Regulation of N-Methyl-D-Aspartate Receptor Subunits is An Early Event in the Actions of Soluble Amyloid- β 1-40 Oligomers on Hippocampal Neurons. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 197-212.	2.6	22
25	Systemic inflammation induces a profound long term brain cell injury in rats. <i>Acta Neurobiologiae Experimentalis</i> , 2014, 74, 298-306.	0.7	22
26	Inhibition of GALR1 in PFC Alleviates Depressive-Like Behaviors in Postpartum Depression Rat Model by Upregulating CREB-BDNF and 5-HT Levels. <i>Frontiers in Psychiatry</i> , 2018, 9, 588.	2.6	20
27	Protective effect of hydroxysafflor yellow A on bleomycin- induced pulmonary inflammation and fibrosis in rats. <i>Chinese Journal of Integrative Medicine</i> , 2018, 24, 32-39.	1.6	18
28	Serum neuron specific enolase may be a marker to predict the severity and outcome of cerebral venous thrombosis. <i>Journal of Neurology</i> , 2018, 265, 46-51.	3.6	18
29	Oridonin Inhibits SARS-CoV-2 by Targeting Its 3C-Like Protease. <i>Small Science</i> , 2022, 2, .	9.9	17
30	Characterization of extracellular matrix proteins during wound healing in the lamina propria of vocal fold in a canine model: A long-term and consecutive study. <i>Acta Histochemica</i> , 2014, 116, 730-735.	1.8	16
31	Elamipretide (SS-31) Improves Functional Connectivity in Hippocampus and Other Related Regions Following Prolonged Neuroinflammation Induced by Lipopolysaccharide in Aged Rats. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 600484.	3.4	16
32	Knockdown of astrocytic Grin2a aggravates β -amyloid-induced memory and cognitive deficits through regulating nerve growth factor. <i>Aging Cell</i> , 2021, 20, e13437.	6.7	15
33	Changes of apoptosis-related proteins in hippocampus of SAM mouse in development and aging. <i>Neurobiology of Aging</i> , 2006, 27, 782.e1-782.e10.	3.1	14
34	Different expression of caspase-3 in rat hippocampal subregions during postnatal development. <i>Microscopy Research and Technique</i> , 2008, 71, 633-638.	2.2	14
35	Immunolocalization of NR1, NR2A, and PSD-95 in rat hippocampal subregions during postnatal development. <i>Acta Histochemica</i> , 2012, 114, 285-295.	1.8	14
36	Changes of brain activity in the aged SAMP mouse. <i>Biogerontology</i> , 2007, 8, 81-88.	3.9	13

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37	Low Field Magnetic Stimulation Ameliorates Schizophrenia-Like Behavior and Up-Regulates Neuregulin-1 Expression in a Mouse Model of Cuprizone-Induced Demyelination. <i>Frontiers in Psychiatry</i> , 2018, 9, 675.	2.6	10
38	Oxycodone suppresses the apoptosis of hippocampal neurons induced by oxygen-glucose deprivation/recovery through caspase-dependent and caspase-independent pathways via μ - and δ -opioid receptors in rats. <i>Brain Research</i> , 2019, 1721, 146319.	2.2	10
39	Normal anatomy and variations in the confluence of sinuses using digital subtraction angiography. <i>Neurological Research</i> , 2017, 39, 509-515.	1.3	9
40	Expression of caspase-8 and caspase-9 in rat hippocampus during postnatal development. <i>Microscopy Research and Technique</i> , 2011, 74, 153-158.	2.2	8
41	Long-term Outcomes of Cerebral Venous Sinus Stenosis Corrected by Stenting. <i>Current Neurovascular Research</i> , 2019, 16, 77-81.	1.1	8
42	Critical Periods of Eye Development in Vertebrates with Special Reference to Humans. <i>Neuroembryology</i> , 2003, 2, 1-8.	1.1	7
43	Dynamic SAP^{102} expression in the hippocampal subregions of rats and APP^{1} mice of various ages. <i>Journal of Anatomy</i> , 2018, 232, 987-996.	1.5	7
44	Prenatal stress induced gender-specific alterations of N-methyl-D-aspartate receptor subunit expression and response to Al^{2+} in offspring hippocampal cells. <i>Behavioural Brain Research</i> , 2018, 336, 182-190.	2.2	7
45	Effects of the novel 6% hydroxyethyl starch 130/0.4 on renal function of recipients in living-related kidney transplantation. <i>Chinese Medical Journal</i> , 2010, 123, 3079-83.	2.3	5
46	Exploration of immunological responses underpinning severe fever with thrombocytopenia syndrome virus infection reveals IL-6 as a therapeutic target in an immunocompromised mouse model. , 2022, 1, pgac024.		5
47	Immunolocalization of CaMKII and NR2B in hippocampal subregions of rat during postnatal development. <i>Acta Histochemica</i> , 2013, 115, 264-272.	1.8	4
48	Oxycodone suppresses the lipopolysaccharide-induced neuroinflammation by downregulating nuclear factor- κ B in hippocampal astrocytes of Sprague-Dawley rats. <i>NeuroReport</i> , 2020, 31, 99-108.	1.2	4
49	Golgi fragmentation induced by overactivated cyclin-dependent kinase 5 is associated with isoflurane-induced neurotoxicity. <i>NeuroReport</i> , 2018, 29, 241-246.	1.2	3
50	Immunoreactivity of Ki-67/ β -tubulin and immunocolocalization with active caspase-3 in rat dentate gyrus during postnatal development. <i>Journal of Chemical Neuroanatomy</i> , 2012, 46, 10-18.	2.1	2
51	Expression alterations of apoptosis repressor with caspase recruitment domain in Al^{25+} -induced hippocampal neurotoxicity. <i>NeuroReport</i> , 2019, 30, 1-7.	1.2	2
52	Observation on the clinical effect of thunder-fire moxibustion combined with acupressure on ocular muscle spasm. <i>Medicine (United States)</i> , 2020, 99, e21586.	1.0	2
53	Shi-Zhen-An-Shen Decoction, a Herbal Medicine That Reverses Cuprizone-Induced Demyelination and Behavioral Deficits in Mice Independent of the Neuregulin-1 Pathway. <i>Neural Plasticity</i> , 2021, 2021, 1-12.	2.2	2
54	Relationship among melatonin, postoperative delirium, and postoperative cognitive dysfunction. <i>Annals of Palliative Medicine</i> , 2021, 10, 9443-9452.	1.2	2

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55	Influence of three different anesthesia protocols on aged rat brain: a resting-state functional magnetic resonance imaging study. Chinese Medical Journal, 2021, 134, 344-352.	2.3	2
56	Astrocytic N-Methyl-D-Aspartate Receptors Protect the Hippocampal Neurons Against Amyloid- β 142-Induced Synaptotoxicity by Regulating Nerve Growth Factor. Journal of Alzheimer's Disease, 2022, 85, 167-178.	2.6	2
57	N-Methyl-<i>D</i>-Aspartate Receptors Mediate Excitotoxicity in Amyloid Beta-Induced Synaptic Pathology of Alzheimer’s Disease. Neuroembryology and Aging, 2008, 5, 134-143.	0.1	1
58	Effects of NMDA Receptors in Synapses and Extrasynapses of Rat Hippocampal Neurons on Amyloid-Beta-Induced Alterations in PSD-95 Expression. Neuroembryology and Aging, 2008, 5, 116-120.	0.1	1
59	Clinical observation of Dan-Hong Hua-Yu oral solution in treating retinal vein occlusion. Medicine (United States), 2020, 99, e20173.	1.0	1
60	Bilateral Peripheral Facial Paralysis Combined with HIV Meningitis. Canadian Journal of Neurological Sciences, 2013, 40, 900-901.	0.5	0
61	Research on picosecond laser refurbishing method for reconditioning ceramic orthodontic brackets. Journal of Laser Applications, 2014, 26, 022006.	1.7	0
62	M211. NEUROPROTECTIVE EFFECT OF SHI-ZHEN-AN-SHEN-TANG, A CHINESE HERB FORMULA ON MICE EXPOSED TO CUPRIZONE. Schizophrenia Bulletin, 2020, 46, S216-S217.	4.3	0