Wen-Xia Zhou

List of Publications by Year
in descending order

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66 papers	1,729 citations	279701 23 h-index	330025 37 g-index
66 all docs	66 docs citations	66 times ranked	2241 citing authors

#	Article	IF	Citations
1	Immune activities of polysaccharides isolated from Lycium barbarum L. What do we know so far?. , 2022, 229, 107921.		51
2	B-Raf inhibitor vemurafenib counteracts sulfur mustard-induced epidermal impairment through MAPK/ERK signaling. Drug and Chemical Toxicology, 2022, , 1-10.	1.2	0
3	Stachyose Alleviates Corticosterone-Induced Long-Term Potentiation Impairment via the Gutâ€“Brain Axis. Frontiers in Pharmacology, 2022, 13, 799244.	1.6	3
4	Different Synaptic Plasticity After Physiological and Psychological Stress in the Anterior Insular Cortex in an Observational Fear Mouse Model. Frontiers in Synaptic Neuroscience, 2022, 14, .	1.3	3
5	Active Fraction Combination From Liuwei Dihuang Decoction Improves Adult Hippocampal Neurogenesis and Neurogenic Microenvironment in Cranially Irradiated Mice. Frontiers in Pharmacology, 2021, 12, 717719.	1.6	6
6	LINCS Dataset-Based Repositioning of Dutasteride as an Anti-Neuroinflammation Agent. Brain Sciences, 2021, 11, 1411.	1.1	2
7	LW-AFC, a new formula from the traditional Chinese medicine Liuwei Dihuang decoction, as a promising therapy for Alzheimer's disease: Pharmacological effects and mechanisms. Advances in Pharmacology, 2020, 87, 159-177.	1.2	13
8	Human Induced Pluripotent Stem Cell-Derived Neural Cells from Alzheimer's Disease Patients Exhibited Different Susceptibility to Oxidative Stress. Stem Cells and Development, 2020, 29, 1444-1456.	1.1	14
9	Comparison of Donepezil, Memantine, Melatonin, and Liuwei Dihuang Decoction on Behavioral and Immune Endocrine Responses of Aged Senescence-Accelerated Mouse Resistant 1 Mice. Frontiers in Pharmacology, 2020, 11, 350.	1.6	9
10	Phlegmadine A: A Lycopodium Alkaloid with a Unique Cyclobutane Ring from Phlegmariurus phlegmaria. Journal of Organic Chemistry, 2019, 84, 11301-11305.	1.7	15
11	Active Fraction Combination from Liuwei Dihuang Decoction (LW-AFC) Alleviated the LPS-Induced Long-Term Potentiation Impairment and Glial Cells Activation in Hippocampus of Mice by Modulating Immune Responses. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-13.	0.5	8
12	Characteristics of the traditional Liu-Wei-Di-Huang prescription reassessed in modern pharmacology. Chinese Journal of Natural Medicines, 2019, 17, 103-121.	0.7	11
13	Active fraction combination from Liuwei Dihuang decoction (LW-AFC) ameliorates corticosterone-induced long-term potentiation (LTP) impairment in mice in vivo. Journal of Ethnopharmacology, 2019, 236, 147-154.	2.0	15
14	A combination of indomethacin and atorvastatin ameliorates cognitive and pathological deterioration in PrP-hAÎ²PPswe/PS1Î”E9 transgenic mice. Journal of Neuroimmunology, 2019, 330, 108-115.	1.1	5
15	Pathological Changes in Alzheimerâ€™s Disease Analyzed Using Induced Pluripotent Stem Cell-Derived Human Microglia-Like Cells. Journal of Alzheimer's Disease, 2019, 67, 357-368.	1.2	28
16	CA-30, an oligosaccharide fraction derived from Liuwei Dihuang decoction, ameliorates cognitive deterioration via the intestinal microbiome in the senescence-accelerated mouse prone 8 strain. Aging, 2019, 11, 3463-3486.	1.4	23
17	Kainate receptor mediated presynaptic LTP in agranular insular cortex contributes to fear and anxiety in mice. Neuropharmacology, 2018, 128, 388-400.	2.0	9
18	The Cytochrome P450-Mediated Metabolism Alternation of Four Effective Lignans From Schisandra chinensis in Carbon Tetrachloride-Intoxicated Rats and Patients With Advanced Hepatocellular Carcinoma. Frontiers in Pharmacology, 2018, 9, 229.	1.6	18

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19	Knowledge-Based Neuroendocrine Immunomodulation (NIM) Molecular Network Construction and Its Application. Molecules, 2018, 23, 1312.	1.7	7
20	The Effects of LW-AFC on the Hippocampal Transcriptome in Senescence-Accelerated Mouse Prone 8 Strain, a Mouse Model of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2017, 57, 227-240.	1.2	18
21	Notch1 deficiency in postnatal neural progenitor cells in the dentate gyrus leads to emotional and cognitive impairment. FASEB Journal, 2017, 31, 4347-4358.	0.2	12
22	Modulating the Balance of Synaptic and Extrasynaptic NMDA Receptors Shows Positive Effects against Amyloid-Î²-Induced Neurotoxicity. Journal of Alzheimer's Disease, 2017, 57, 885-897.	1.2	32
23	Early oxidative stress, DNA damage and inflammation resulting from subcutaneous injection of sulfur mustard into mice. Environmental Toxicology and Pharmacology, 2017, 55, 68-73.	2.0	15
24	LW-AFC Effects on N-glycan Profile in Senescence-Accelerated Mouse Prone 8 Strain, a Mouse Model of Alzheimerâ€™s Disease. , 2017, 8, 101.		16
25	LW-AFC, A New Formula Derived from Liuwei Dihuang Decoction, Ameliorates Cognitive Deterioration and Modulates Neuroendocrine-Immune System in SAMP8 Mouse. Current Alzheimer Research, 2017, 14, 221-238.	0.7	21
26	Design, Synthesis, and Biological Evaluation of Novel PARP-1 Inhibitors Based on a 1H-Thieno[3,4-d] Imidazole-4-Carboxamide Scaffold. Molecules, 2016, 21, 772.	1.7	7
27	Bioactive Nitrogenous Compounds from Acorus tatarinowii. Magnetic Resonance in Chemistry, 2016, 54, 396-399.	1.1	9
28	Streptozotocin Induces Mild Cognitive Impairment at Appropriate Doses in Mice as Determined by Long-Term Potentiation and the Morris Water Maze. Journal of Alzheimer's Disease, 2016, 54, 89-98.	1.2	24
29	LW-AFC, a new formula derived from Liuwei Dihuang decoction, ameliorates behavioral and pathological deterioration via modulating the neuroendocrine-immune system in PrP-hAÎ²PPswe/PS1Î”E9 transgenic mice. Alzheimer's Research and Therapy, 2016, 8, 57.	3.0	37
30	Design and synthesis of 5-cyclopropyl substituted cyclic acylguanidine compounds as BACE1 inhibitors. Chinese Chemical Letters, 2016, 27, 1626-1629.	4.8	0
31	Toll-like receptor 4-related immunostimulatory polysaccharides: Primary structure, activity relationships, and possible interaction models. Carbohydrate Polymers, 2016, 149, 186-206.	5.1	177
32	The Effects of LW-AFC on Intestinal Microbiome in Senescence-Accelerated Mouse Prone 8 Strain, a Mouse Model of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 53, 907-919.	1.2	46
33	Effect of Liuwei Dihuang decoction, a traditional Chinese medicinal prescription, on the neuroendocrine immunomodulation network. , 2016, 162, 170-178.		74
34	Neuroendocrine immunomodulation network dysfunction in SAMP8 mice and PrP-hAÎ²PPswe/PS1Î”E9 mice: potential mechanism underlying cognitive impairment. Oncotarget, 2016, 7, 22988-23005.	0.8	17
35	The anti-aging effects of LW-AFC via correcting immune dysfunctions in senescence accelerated mouse resistant 1 (SAMR1) strain. Oncotarget, 2016, 7, 26949-26965.	0.8	18
36	Effects of poly (ADP-ribose) polymerase-1 (PARP-1) inhibition on sulfur mustard-induced cutaneous injuriesin vitroandin vivo. PeerJ, 2016, 4, e1890.	0.9	19

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37	An Integrative Thrombosis Network: Visualization and Topological Analysis. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	0.5	5
38	Effects of 5-h multimodal stress on the molecules and pathways involved in dendritic morphology and cognitive function. Neurobiology of Learning and Memory, 2015, 123, 225-238.	1.0	7
39	Nodulisporiviridins Aâ€“H, Bioactive Viridins from Nodulisporium sp.. Journal of Natural Products, 2015, 78, 1221-1230.	1.5	51
40	An integrated metabonomic and proteomic study on Kidney-Yin Deficiency Syndrome patients with diabetes mellitus in China. Acta Pharmacologica Sinica, 2015, 36, 689-698.	2.8	37
41	A Co-Module Regulated by Therapeutic Drugs in a Molecular Subnetwork of Alzheimerâ€™s Disease Identified on the Basis of Traditional Chinese Medicine and SAMP8 Mice. Current Alzheimer Research, 2015, 12, 870-885.	0.7	13
42	Danggui-Shaoyao-San Improves Learning and Memory in Female SAMP8 via Modulation of Estradiol. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-9.	0.5	15
43	The behavioral, pathological and therapeutic features of the senescence-accelerated mouse prone 8 strain as an Alzheimer's disease animal model. Ageing Research Reviews, 2014, 13, 13-37.	5.0	104
44	New sesquiterpenoids from the rhizomes of Acorus tatarinowii. RSC Advances, 2014, 4, 42071-42077.	1.7	23
45	Synthesis and biological evaluation of substituted 4-(thiophen-2-ylmethyl)-2H-phthalazin-1-ones as potent PARP-1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3739-3743.	1.0	19
46	Immune activities comparison of polysaccharide and polysaccharide-protein complex from Lycium barbarum L.. International Journal of Biological Macromolecules, 2014, 65, 441-445.	3.6	73
47	Lycium barbarum polysaccharide LBPF4-OL may be a new Toll-like receptor 4/MD2-MAPK signaling pathway activator and inducer. International Immunopharmacology, 2014, 19, 132-141.	1.7	51
48	The Selective BACE1 Inhibitor VIa Reduces Amyloid-Î² Production in Cell and Mouse Models of Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 37, 823-834.	1.2	11
49	Nodes and biological processes identified on the basis of network analysis in the brain of the senescence accelerated mice as an Alzheimer's disease animal model. Frontiers in Aging Neuroscience, 2013, 5, 65.	1.7	57
50	Liuwei Dihuang decoction facilitates the induction of long-term potentiation (LTP) in senescence accelerated mouse/prone 8 (SAMP8) hippocampal slices by inhibiting voltage-dependent calcium channels (VDCCs) and promoting N-methyl-d-aspartate receptor (NMDA) receptors. Journal of Ethnopharmacology, 2012, 140, 384-390.	2.0	35
51	Bright lighting conditions during testing increase thigmotaxis and impair water maze performance in BALB/c mice. Behavioural Brain Research, 2012, 226, 26-31.	1.2	45
52	Autocrine motility factor receptor is involved in the process of learning and memory in the central nervous system. Behavioural Brain Research, 2012, 229, 412-418.	1.2	15
53	The Activity and mRNA Expression of Î²-Secretase, Cathepsin D, and Cathepsin B in the Brain of Senescence-Accelerated Mouse. Journal of Alzheimer's Disease, 2012, 28, 471-480.	1.2	12
54	JD-30, an active fraction extracted from Dangguiâ€“Shaoyaoâ€“San, decreases Î²-amyloid content and deposition, improves LTP reduction and prevents spatial cognition impairment in SAMP8 mice. Experimental Gerontology, 2012, 47, 14-22.	1.2	27

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55	Expression of VGLUTs contributes to degeneration and acquisition of learning and memory. Neurobiology of Learning and Memory, 2011, 95, 361-375.	1.0	41
56	LW-AFC Improved or Restored the Disturbance of Reproductive Endocrine and Immune Function in Stress-Loaded Mice. Scientia Sinica Vitae, 2011, 41, 986-991.	0.1	1
57	Danggui-Shaoyao-San and its active fraction JD-30 improve Aî²-induced spatial recognition deficits in mice. Journal of Ethnopharmacology, 2010, 128, 365-372.	2.0	36
58	Gene expression patterns of hippocampus and cerebral cortex of senescence-accelerated mouse treated with Huang-Lian-Jie-Du decoction. Neuroscience Letters, 2008, 439, 119-124.	1.0	32
59	Age-related expression of STUB1 in senescence-accelerated mice and its response to anti-Alzheimer's disease traditional Chinese medicine. Neuroscience Letters, 2008, 438, 371-375.	1.0	23
60	Differential gene expression profiles in the hippocampus of senescence-accelerated mouse. Neurobiology of Aging, 2007, 28, 497-506.	1.5	45
61	The effects of Liuwei Dihuang decoction on the gene expression in the hippocampus of senescence-accelerated mouse. FÃ¬toterapÃ¬Ã¢, 2007, 78, 175-181.	1.1	24
62	NT-1, an active constituent extracted from Tiaoxin Recipe, enhances long-term potentiation of CA1 subfield in rat hippocampal slices. Life Sciences, 2006, 79, 8-15.	2.0	16
63	Effects of Liuwei Dihuang decoction on ion channels and synaptic transmission in cultured hippocampal neuron of rat. Journal of Ethnopharmacology, 2006, 106, 166-172.	2.0	34
64	d-Serine enhances impaired long-term potentiation in CA1 subfield of hippocampal slices from aged senescence-accelerated mouse prone/8. Neuroscience Letters, 2005, 379, 7-12.	1.0	76
65	Deterioration in synaptic plasticity of cultured hippocampal neurons of senescence-accelerated mouse prone8. International Congress Series, 2004, 1260, 325-328.	0.2	6
66	Effect of Liuwei Dihuang decoction on the function of hypothalamusâ€“pituitaryâ€“ovary axis in senescence-accelerated mouse. International Congress Series, 2004, 1260, 421-426.	0.2	13