

Huifeng Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

483
citations

933447

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794594

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19
all docs

19
docs citations

19
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	RhoA/ROCK-2 Pathway Inhibition and Tight Junction Protein Upregulation by Catalpol Suppresses Lipopolysaccharide-Induced Disruption of Blood-Brain Barrier Permeability. <i>Molecules</i> , 2018, 23, 2371.	3.8	70
2	Catalpol stimulates VEGF production via the JAK2/STAT3 pathway to improve angiogenesis in ratsâ€™ stroke model. <i>Journal of Ethnopharmacology</i> , 2016, 191, 169-179.	4.1	66
3	<p>The Impact of Gut Microbiota Disorders on the Bloodâ€™Brain Barrier</p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 3351-3363.	2.7	56
4	<p>Staphyloxanthin: a potential target for antivirulence therapy</p>. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 2151-2160.	2.7	55
5	Antidiabetic and antioxidant effects of catalpol extracted from <i>Rehmannia glutinosa</i> (Di Huang) on rat diabetes induced by streptozotocin and high-fat, high-sugar feed. <i>Chinese Medicine</i> , 2016, 11, 25.	4.0	50
6	Catalpol Induces Neuroprotection and Prevents Memory Dysfunction through the Cholinergic System and BDNF. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	32
7	Catalpol induces cell activity to promote axonal regeneration via the PI3K/AKT/mTOR pathway in vivo and in vitro stroke model. <i>Annals of Translational Medicine</i> , 2019, 7, 756-756.	1.7	29
8	A Subtle Network Mediating Axon Guidance: Intrinsic Dynamic Structure of Growth Cone, Attractive and Repulsive Molecular Cues, and the Intermediate Role of Signaling Pathways. <i>Neural Plasticity</i> , 2019, 2019, 1-26.	2.2	28
9	<p>Catalpol Enhances Neurogenesis And Inhibits Apoptosis Of New Neurons Via BDNF, But Not The BDNF/Trkb Pathway</p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4145-4157.	4.3	22
10	Catalpol may improve axonal growth via regulating miR-124 regulated PI3K/AKT/mTOR pathway in neurons after ischemia. <i>Annals of Translational Medicine</i> , 2019, 7, 306-306.	1.7	20
11	Catalpol prevents denervated muscular atrophy related to the inhibition of autophagy and reduces BAX/BCL2 ratio via mTOR pathway. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 243-253.	4.3	11
12	The Pivotal Role of Microbiota in Modulating the Neuronalâ€™Glialâ€™Epithelial Unit. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 5613-5628.	2.7	11
13	Schisandrin B elicits the Keap1-Nrf2 defense system via carbene reactive metabolite which is less harmful to mice liver. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 4033-4046.	4.3	9
14	Feasibility of Catalpol Intranasal Administration and Its Protective Effect on Acute Cerebral Ischemia in Rats via Anti-Oxidative and Anti-Apoptotic Mechanisms. <i>Drug Design, Development and Therapy</i> , 2022, Volume 16, 279-296.	4.3	7
15	Catalpol improves axonal outgrowth and reinnervation of injured sciatic nerve by activating Akt/mTOR pathway and regulating BDNF and PTEN expression. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 1311-1326.	0.0	6
16	<i>Astragalus</i> injection ameliorates lipopolysaccharide-induced cognitive decline via relieving acute neuroinflammation and BBB damage and upregulating the BDNF-CREB pathway in mice. <i>Pharmaceutical Biology</i> , 2022, 60, 825-839.	2.9	6
17	PowerShell-based novel framework for Big health data analysis. <i>International Journal of Information Technology (Singapore)</i> , 2021, 13, 287-290.	2.7	3
18	Network Pharmacology-Based Prediction of Catalpol and Mechanisms against Stroke. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-14.	1.2	1