

Xiaobo Sun

List of Publications by Year in descending order

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26
papers

933
citations

567281

15
h-index

580821

25
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27
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27
times ranked

1248
citing authors

#	ARTICLE	IF	CITATIONS
1	Ginsenoside Rb1 as an Anti-Diabetic Agent and Its Underlying Mechanism Analysis. <i>Cells</i> , 2019, 8, 204.	4.1	173
2	Panax Notoginseng Saponins: A Review of Its Mechanisms of Antidepressant or Anxiolytic Effects and Network Analysis on Phytochemistry and Pharmacology. <i>Molecules</i> , 2018, 23, 940.	3.8	100
3	Attenuation of A β 25-35-induced parallel autophagic and apoptotic cell death by gypenoside XVII through the estrogen receptor-dependent activation of Nrf2/ARE pathways. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 63-75.	2.8	90
4	Gastrodin Alleviates Cognitive Dysfunction and Depressive-Like Behaviors by Inhibiting ER Stress and NLRP3 Inflammasome Activation in db/db Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3977.	4.1	71
5	Classical Active Ingredients and Extracts of Chinese Herbal Medicines: Pharmacokinetics, Pharmacodynamics, and Molecular Mechanisms for Ischemic Stroke. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-27.	4.0	67
6	Gypenoside XVII Enhances Lysosome Biogenesis and Autophagy Flux and Accelerates Autophagic Clearance of Amyloid- β through TFEB Activation. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 1135-1150.	2.6	58
7	Neuroprotective Effects of Radix Scrophulariae on Cerebral Ischemia and Reperfusion Injury via MAPK Pathways. <i>Molecules</i> , 2018, 23, 2401.	3.8	56
8	Inhibitory effects of myricitrin on oxidative stress-induced endothelial damage and early atherosclerosis in ApoE -/- mice (1146.5). <i>FASEB Journal</i> , 2014, 28, 1146.5.	0.5	52
9	Fndc5 loss of function attenuates exercise-induced browning of white adipose tissue in mice. <i>FASEB Journal</i> , 2019, 33, 5876-5886.	0.5	39
10	Gypenoside XVII alleviates early diabetic retinopathy by regulating Müller cell apoptosis and autophagy in db/db mice. <i>European Journal of Pharmacology</i> , 2021, 895, 173893.	3.5	27
11	Procyanidins, from <i>Castanea mollissima</i> Bl. shell, induces autophagy following apoptosis associated with PI3K/AKT/mTOR inhibition in HepG2 cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 81, 15-24.	5.6	23
12	Neuroprotective effects of lotus seedpod procyanidins on extremely low frequency electromagnetic field-induced neurotoxicity in primary cultured hippocampal neurons. <i>Biomedicine and Pharmacotherapy</i> , 2016, 82, 628-639.	5.6	22
13	Determination of epigallocatechin-3-gallate with a high efficiency electrochemical sensor based on a molecularly imprinted poly(<i>o</i> -phenylenediamine) film. <i>Journal of Applied Polymer Science</i> , 2013, 129, 2882-2890.	2.6	20
14	Chemoprotective action of lotus seedpod procyanidins on oxidative stress in mice induced by extremely low-frequency electromagnetic field exposure. <i>Biomedicine and Pharmacotherapy</i> , 2016, 82, 640-648.	5.6	19
15	Bavachinin inhibits cholesterol synthesis enzyme FDFT1 expression via AKT/mTOR/SREBP-2 pathway. <i>International Immunopharmacology</i> , 2020, 88, 106865.	3.8	19
16	Ginsenoside Rg1 prevents early diabetic retinopathy via reducing retinal ganglion cell layer and inner nuclear layer cell apoptosis in db/db mice. <i>Annals of Translational Medicine</i> , 2020, 8, 232-232.	1.7	17
17	Autophagic cell death of human hepatoma G2 cells mediated by procyanidins from <i>Castanea mollissima</i> Bl. Shell-induced reactive oxygen species generation. <i>Chemico-Biological Interactions</i> , 2014, 224, 13-23.	4.0	15
18	Molecularly imprinted polymer prepared by Pickering emulsion polymerization for removal of acetate residues from contaminated waters. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	15

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19	Procyanidins from <i>Nelumbo nucifera</i> Gaertn. Seedpod induce autophagy mediated by reactive oxygen species generation in human hepatoma G2 cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 79, 135-152.	5.6	14
20	Influence of extremely low frequency magnetic fields on Ca ²⁺ signaling and double messenger system in mice hippocampus and reversal function of procyanidins extracted from lotus seedpod. <i>Bioelectromagnetics</i> , 2017, 38, 436-446.	1.6	9
21	A computational approach to design an electrochemical sensor and determination of acephate in aqueous solution based on a molecularly imprinted poly(o-phenylenediamine) film. <i>Analytical Methods</i> , 2013, 5, 6449.	2.7	8
22	Intranasal 15d-PGJ2 ameliorates brain glucose hypometabolism via PPAR δ -dependent activation of PGC-1 α /GLUT4 signalling in APP/PS1 transgenic mice. <i>Neuropharmacology</i> , 2021, 196, 108685.	4.1	6
23	A novel DPP α inhibitor Gramicyclin A attenuates cognitive deficits in APP/PS1/tau triple transgenic mice via enhancing brain GLP1-dependent glucose uptake. <i>Phytotherapy Research</i> , 2022, 36, 1297-1309.	5.8	6
24	A novel natural PPAR δ agonist, Gypenoside LXXV, ameliorates cognitive deficits by enhancing brain glucose uptake via the activation of Akt/GLUT4 signaling in db/db mice. <i>Phytotherapy Research</i> , 2022, 36, 1770-1784.	5.8	4
25	Protective Effects of Biscoclaurine Alkaloids on Leukopenia Induced by 60Co- γ Radiation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-10.	1.2	3
26	Quantitative Crotonylome Analysis Reveals the Mechanism of Shengkang Injection on Diabetic Nephropathy. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	4.0	0