

Lu Yu

List of Publications by Year in descending order

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34
papers

898
citations

567281
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34
times ranked

1454
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotective Effect of Kaempferol Glycosides against Brain Injury and Neuroinflammation by Inhibiting the Activation of NF- κ B and STAT3 in Transient Focal Stroke. PLoS ONE, 2013, 8, e55839.	2.5	153
2	Targeting microglial autophagic degradation in NLRP3 inflammasome-mediated neurodegenerative diseases. Ageing Research Reviews, 2021, 65, 101202.	10.9	104
3	Inhibition of cerebral ischemia/reperfusion injury-induced apoptosis: nicotiflorin and JAK2/STAT3 pathway. Neural Regeneration Research, 2017, 12, 96.	3.0	58
4	Ca ²⁺ signalling plays a role in celastrol-mediated suppression of synovial fibroblasts of rheumatoid arthritis patients and experimental arthritis in rats. British Journal of Pharmacology, 2019, 176, 2922-2944.	5.4	57
5	Polyphenols isolated from lychee seed inhibit Alzheimer's disease-associated Tau through improving insulin resistance via the IRS-1/PI3K/Akt/GSK-3 β pathway. Journal of Ethnopharmacology, 2020, 251, 112548.	4.1	49
6	Lychee seed polyphenol inhibits A β -induced activation of NLRP3 inflammasome via the LRP1/AMPK mediated autophagy induction. Biomedicine and Pharmacotherapy, 2020, 130, 110575.	5.6	41
7	Lychee seed polyphenol protects the blood-brain barrier through inhibiting A β (25-35)-induced NLRP3 inflammasome activation via the AMPK/mTOR/ULK1-mediated autophagy in bEnd.3 cells and APP/PS1 mice. Phytotherapy Research, 2021, 35, 954-973.	5.8	36
8	Dietary Plant Polyphenols as the Potential Drugs in Neurodegenerative Diseases: Current Evidence, Advances, and Opportunities. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-40.	4.0	36
9	Targeting Nrf2-Mediated Oxidative Stress Response in Traumatic Brain Injury: Therapeutic Perspectives of Phytochemicals. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-24.	4.0	33
10	Nanoparticles: A Hope for the Treatment of Inflammation in CNS. Frontiers in Pharmacology, 2021, 12, 683935.	3.5	29
11	High-throughput screening for amyloid- β binding natural small-molecules based on the combinational use of biolayer interferometry and UHPLC-DAD-Q/TOF-MS/MS. Acta Pharmaceutica Sinica B, 2022, 12, 1723-1739.	12.0	27
12	Polygala saponins inhibit NLRP3 inflammasome-mediated neuroinflammation via SHP-2-Mediated mitophagy. Free Radical Biology and Medicine, 2022, 179, 76-94.	2.9	23
13	Ferulic Acid Exerts Neuroprotective Effects via Autophagy Induction in C. elegans and Cellular Models of Parkinson's Disease. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-19.	4.0	20
14	Extracellular Vesicle Delivery of Neferine for the Attenuation of Neurodegenerative Disease Proteins and Motor Deficit in an Alzheimer's Disease Mouse Model. Pharmaceuticals, 2022, 15, 83.	3.8	19
15	Novel steroidal saponin isolated from Trillium tschonoskii maxim. exhibits anti-oxidative effect via autophagy induction in cellular and Caenorhabditis elegans models. Phytomedicine, 2019, 65, 153088.	5.3	18
16	Chlorogenic acid delays the progression of Parkinson's disease via autophagy induction in Caenorhabditis elegans. Nutritional Neuroscience, 2023, 26, 11-24.	3.1	18
17	The New Application of UHPLC-DAD-TOF/MS in Identification of Inhibitors on β -Amyloid Fibrillation From Scutellaria baicalensis. Frontiers in Pharmacology, 2019, 10, 194.	3.5	16
18	Natural Citrus flavanone 5-demethylnobiletin stimulates melanogenesis through the activation of cAMP/CREB pathway in B16F10 cells. Phytomedicine, 2022, 98, 153941.	5.3	16

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19	Optimized formulation of multivesicular liposomes loaded with oleanolic acid enhanced anticancer effect in vitro. <i>Drug Design, Development and Therapy</i> , 2017, Volume11, 955-968.	4.3	15
20	SARNP, a participant in mRNA splicing and export, negatively regulates E-cadherin expression via interaction with pinin. <i>Journal of Cellular Physiology</i> , 2020, 235, 1543-1555.	4.1	15
21	Ethacrynic acid, a loop diuretic, suppresses epithelial-mesenchymal transition of A549 lung cancer cells via blocking of NDP-induced WNT signaling. <i>Biochemical Pharmacology</i> , 2021, 183, 114339.	4.4	13
22	Nobiletin alleviates cerebral ischemic-reperfusion injury via MAPK signaling pathway. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 5967-5977.	0.0	13
23	Resolvin D1 Suppresses H ₂ O ₂ -Induced Senescence in Fibroblasts by Inducing Autophagy through the miR-1299/ARG2/ARL1 Axis. <i>Antioxidants</i> , 2021, 10, 1924.	5.1	13
24	Saponins isolated from <i>Radix polygalae</i> extend lifespan by modulating complement C3 and gut microbiota. <i>Pharmacological Research</i> , 2021, 170, 105697.	7.1	11
25	Sirtuin 5 deficiency increases disease severity in rats with adjuvant-induced arthritis. <i>Cellular and Molecular Immunology</i> , 2020, 17, 1190-1192.	10.5	9
26	A naphthalimide-polyamine conjugate preferentially accumulates in hepatic carcinoma metastases as a lysosome-targeted antimetastatic agent. <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113469.	5.5	9
27	<i>Citri Reticulatae</i> Semen Extract Promotes Healthy Aging and Neuroprotection via Autophagy Induction in <i>Caenorhabditis elegans</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 2186-2194.	3.6	9
28	YDJC Induces Epithelial-Mesenchymal Transition via Escaping from Interaction with CDC16 through Ubiquitination of PP2A. <i>Journal of Oncology</i> , 2019, 2019, 1-15.	1.3	8
29	YdjC chitoooligosaccharide deacetylase homolog induces keratin reorganization in lung cancer cells: involvement of interaction between YDJC and CDC16. <i>Oncotarget</i> , 2018, 9, 22915-22928.	1.8	7
30	Whole transcriptome sequencing and integrated network analysis elucidates the effects of 3,8-Di-O-methylelagic acid 2-O-glucoside derived from <i>Sanguisorba officinalis</i> L., a novel differentiation inducer on erythroleukemia cells. <i>Pharmacological Research</i> , 2021, 166, 105491.	7.1	7
31	PRR16/Largen Induces Epithelial-Mesenchymal Transition through the Interaction with ABI2 Leading to the Activation of ABL1 Kinase. <i>Biomolecules and Therapeutics</i> , 2022, 30, 340-347.	2.4	5
32	The Key Role of Magnetic Resonance Imaging in the Detection of Neurodegenerative Diseases-Associated Biomarkers: A Review. <i>Molecular Neurobiology</i> , 2022, 59, 5935-5954.	4.0	5
33	LW1497, an Inhibitor of Malate Dehydrogenase, Suppresses TGF- β 1-Induced Epithelial-Mesenchymal Transition in Lung Cancer Cells by Downregulating Slug. <i>Antioxidants</i> , 2021, 10, 1674.	5.1	4
34	Loss of EMP2 Inhibits Melanogenesis of MNT1 Melanoma Cells via Regulation of TRP-2. <i>Biomolecules and Therapeutics</i> , 2022, 30, 203-211.	2.4	2