

Lu Yu

List of Publications by Year in descending order

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34
papers

898
citations

567247

15
h-index

501174

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34
all docs

34
docs citations

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. <i>PLoS ONE</i> , 2013, 8, e55839.	2.5	153
2	Targeting microglial autophagic degradation in NLRP3 inflammasome-mediated neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2021, 65, 101202.	10.9	104
3	Inhibition of cerebral ischemia/reperfusion injury-induced apoptosis: nicotiflorin and JAK2/STAT3 pathway. <i>Neural Regeneration Research</i> , 2017, 12, 96.	3.0	58
4	Ca ²⁺ signalling plays a role in celestrol-mediated suppression of synovial fibroblasts of rheumatoid arthritis patients and experimental arthritis in rats. <i>British Journal of Pharmacology</i> , 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. <i>Journal of Ethnopharmacology</i> , 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. <i>Biomedicine and Pharmacotherapy</i> , 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. <i>Phytotherapy Research</i> , 2021, 35, 954-973.	5.8	36
8	Dietary Plant Polyphenols as the Potential Drugs in Neurodegenerative Diseases: Current Evidence, Advances, and Opportunities. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-40.	4.0	36
9	Targeting Nrf2-Mediated Oxidative Stress Response in Traumatic Brain Injury: Therapeutic Perspectives of Phytochemicals. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-24.	4.0	33
10	Nanoparticles: A Hope for the Treatment of Inflammation in CNS. <i>Frontiers in Pharmacology</i> , 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. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1723-1739.	12.0	27
12	Polygala saponins inhibit NLRP3 inflammasome-mediated neuroinflammation via SHP-2-Mediated mitophagy. <i>Free Radical Biology and Medicine</i> , 2022, 179, 76-94.	2.9	23
13	Ferulic Acid Exerts Neuroprotective Effects via Autophagy Induction in <i>C. elegans</i> and Cellular Models of Parkinson's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 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. <i>Pharmaceutics</i> , 2022, 15, 83.	3.8	19
15	Novel steroidal saponin isolated from <i>Trillium tschonoskii</i> maxim. exhibits anti-oxidative effect via autophagy induction in cellular and <i>Caenorhabditis elegans</i> models. <i>Phytomedicine</i> , 2019, 65, 153088.	5.3	18
16	Chlorogenic acid delays the progression of Parkinson's disease via autophagy induction in <i>Caenorhabditis elegans</i> . <i>Nutritional Neuroscience</i> , 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 <i>Scutellaria baicalensis</i> . <i>Frontiers in Pharmacology</i> , 2019, 10, 194.	3.5	16
18	Natural Citrus flavanone 5-demethylnobiletin stimulates melanogenesis through the activation of cAMP/CREB pathway in B16F10 cells. <i>Phytomedicine</i> , 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 H2O2-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-methylellagic 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