

Hengyi Xiao

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27 papers	5,030 citations	14 h-index	29 g-index
29 ext. papers	5,900 ext. citations	7.5 avg, IF	4.1 L-index

#	Paper	IF	Citations
27	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
26	The crosstalk between Nrf2 and AMPK signal pathways is important for the anti-inflammatory effect of berberine in LPS-stimulated macrophages and endotoxin-shocked mice. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 574-88	8.4	293
25	Anti-tumour strategies aiming to target tumour-associated macrophages. <i>Immunology</i> , 2013 , 138, 93-104	4.8	185
24	AMPK activation protects cells from oxidative stress-induced senescence via autophagic flux restoration and intracellular NAD(+) elevation. <i>Aging Cell</i> , 2016 , 15, 416-27	9.9	159
23	Autophagy impairment with lysosomal and mitochondrial dysfunction is an important characteristic of oxidative stress-induced senescence. <i>Autophagy</i> , 2017 , 13, 99-113	10.2	150
22	FTO is required for myogenesis by positively regulating mTOR-PGC-1 α pathway-mediated mitochondria biogenesis. <i>Cell Death and Disease</i> , 2017 , 8, e2702	9.8	64
21	Saturated fatty acid palmitate-induced insulin resistance is accompanied with myotube loss and the impaired expression of health benefit myokine genes in C2C12 myotubes. <i>Lipids in Health and Disease</i> , 2013 , 12, 104	4.4	60
20	PRKAA/AMPK restricts HBV replication through promotion of autophagic degradation. <i>Autophagy</i> , 2016 , 12, 1507-20	10.2	44
19	D-galactose induces necroptotic cell death in neuroblastoma cell lines. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 3834-44	4.7	42
18	Surmounting cancer drug resistance: New insights from the perspective of N-methyladenosine RNA modification. <i>Drug Resistance Updates</i> , 2020 , 53, 100720	23.2	38
17	Imperialine and Verticinone from Bulbs of <i>Fritillaria wabuensis</i> Inhibit Pro-inflammatory Mediators in LPS-stimulated RAW 264.7 Macrophages. <i>Planta Medica</i> , 2015 , 81, 821-9	3.1	29
16	Autolysosomal degradation of cytosolic chromatin fragments antagonizes oxidative stress-induced senescence. <i>Journal of Biological Chemistry</i> , 2020 , 295, 4451-4463	5.4	19
15	The combinational effect of vincristine and berberine on growth inhibition and apoptosis induction in hepatoma cells. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 721-30	4.7	17
14	Factors that Affect Pancreatic Islet Cell Autophagy in Adult Rats: Evaluation of a Calorie-Restricted Diet and a High-Fat Diet. <i>PLoS ONE</i> , 2016 , 11, e0151104	3.7	14
13	Protein kinase C α activates fat mass and obesity-associated protein by influencing its ubiquitin/proteasome degradation. <i>FASEB Journal</i> , 2017 , 31, 4396-4406	0.9	13
12	Nrf2-SHP Cascade-Mediated STAT3 Inactivation Contributes to AMPK-Driven Protection Against Endotoxic Inflammation. <i>Frontiers in Immunology</i> , 2020 , 11, 414	8.4	13
11	The Implication of Oxidative Stress and AMPK-Nrf2 Antioxidative Signaling in Pneumonia Pathogenesis. <i>Frontiers in Endocrinology</i> , 2020 , 11, 400	5.7	13

10	Mitochondrial dysfunction and chronic lung disease. <i>Cell Biology and Toxicology</i> , 2019 , 35, 493-502	7.4	12
9	The PPAR α locus makes long-range chromatin interactions with selected tissue-specific gene loci during adipocyte differentiation in a protein kinase A dependent manner. <i>PLoS ONE</i> , 2014 , 9, e86140	3.7	12
8	The inhibitory effect in Fraxinellone on oxidative stress-induced senescence correlates with AMP-activated protein kinase-dependent autophagy restoration. <i>Journal of Cellular Physiology</i> , 2018 , 233, 3945-3954	7	6
7	Gut Microbiota Interact With the Brain Through Systemic Chronic Inflammation: Implications on Neuroinflammation, Neurodegeneration, and Aging.. <i>Frontiers in Immunology</i> , 2022 , 13, 796288	8.4	6
6	Microphthalmia-Associated Transcription Factor in Senescence and Age-Related Diseases. <i>Gerontology</i> , 2021 , 67, 708-717	5.5	2
5	miR-146a impedes the anti-aging effect of AMPK via NAMPT suppression and NAD/SIRT inactivation.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 66	21	1
4	Nuclear import receptors and hnRNPK mediates nuclear import and stress granule localization of SIRLOIN. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 7617-7633	10.3	0
3	Independent and opposing associations of dietary phytosterols intake and PLCE1 rs2274223 polymorphisms on esophageal squamous cell carcinoma risk. <i>European Journal of Nutrition</i> , 2021 , 60, 4357-4366	5.2	0
2	SM22 β lineage niche cells regulate intramembranous bone regeneration via PDGFR β -triggered hydrogen sulfide production.. <i>Cell Reports</i> , 2022 , 39, 110750	10.6	0
1	Pan-mTOR inhibitors sensitize the senolytic activity of Navitoclax via mTORC2 inhibition-mediated apoptotic signaling.. <i>Biochemical Pharmacology</i> , 2022 , 115045	6	