

List of Publications by Year in descending order

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MINELI

#	Article	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Kinetics Comparisons of Mammalian Atg4 Homologues Indicate Selective Preferences toward Diverse Atg8 Substrates. Journal of Biological Chemistry, 2011, 286, 7327-7338.	3.4	201
3	A novel ATG4B antagonist inhibits autophagy and has a negative impact on osteosarcoma tumors. Autophagy, 2014, 10, 2021-2035.	9.1	190
4	Isorhynchophylline, a natural alkaloid, promotes the degradation of alpha-synuclein in neuronal cells via inducing autophagy. Autophagy, 2012, 8, 98-108.	9.1	156
5	Suppression of Lysosome Function Induces Autophagy via a Feedback Down-regulation of MTOR Complex 1 (MTORC1) Activity. Journal of Biological Chemistry, 2013, 288, 35769-35780.	3.4	153
6	Ulinastatin attenuates LPS-induced inflammation in mouse macrophage RAW264.7 cells by inhibiting the JNK/NF-κB signaling pathway and activating the PI3K/Akt/Nrf2 pathway. Acta Pharmacologica Sinica, 2018, 39, 1294-1304.	6.1	117
7	Discovery of a small molecule targeting autophagy via ATG4B inhibition and cell death of colorectal cancer cells in vitro and in vivo. Autophagy, 2019, 15, 295-311.	9.1	103
8	Corynoxine, a Natural Autophagy Enhancer, Promotes the Clearance of Alpha-Synuclein via Akt/mTOR Pathway. Journal of NeuroImmune Pharmacology, 2014, 9, 380-387.	4.1	78
9	Trehalose, sucrose and raffinose are novel activators of autophagy in human keratinocytes through an mTOR-independent pathway. Scientific Reports, 2016, 6, 28423.	3.3	76
10	A high-throughput FRET-based assay for determination of Atg4 activity. Autophagy, 2012, 8, 401-412.	9.1	60
11	The effects of Astragalus Membranaceus Active Extracts on Autophagy-related Diseases. International Journal of Molecular Sciences, 2019, 20, 1904.	4.1	50
12	α-Enolase plays a catalytically independent role in doxorubicin-induced cardiomyocyte apoptosis and mitochondrial dysfunction. Journal of Molecular and Cellular Cardiology, 2015, 79, 92-103.	1.9	43
13	Computational Design of a Time-Dependent Histone Deacetylase 2 Selective Inhibitor. ACS Chemical Biology, 2015, 10, 687-692.	3.4	41
14	Golgi-associated LC3 lipidation requires V-ATPase in noncanonical autophagy. Cell Death and Disease, 2016, 7, e2330-e2330.	6.3	38
15	ATG4B inhibitor FMK-9a induces autophagy independent on its enzyme inhibition. Archives of Biochemistry and Biophysics, 2018, 644, 29-36.	3.0	36
16	Targeting ATG4 in Cancer Therapy. Cancers, 2019, 11, 649.	3.7	36
17	Natural autophagy blockers, dauricine (DAC) and daurisoline (DAS), sensitize cancer cells to camptothecin-induced toxicity. Oncotarget, 2017, 8, 77673-77684.	1.8	34
18	Mitochondrial binding of α-enolase stabilizes mitochondrial membrane: Its role in doxorubicin-induced cardiomyocyte apoptosis. Archives of Biochemistry and Biophysics, 2014, 542, 46-55.	3.0	33

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19	Astragaloside exerts anti-photoaging effects in UVB-induced premature senescence of rat dermal fibroblasts through enhanced autophagy. Archives of Biochemistry and Biophysics, 2018, 657, 31-40.	3.0	30
20	The protease activity of human ATG4B is regulated by reversible oxidative modification. Autophagy, 2020, 16, 1838-1850.	9.1	27
21	CCCP-Induced LC3 lipidation depends on Atg9 whereas FIP200/Atg13 and Beclin 1/Atg14 are dispensable. Biochemical and Biophysical Research Communications, 2013, 432, 226-230.	2.1	21
22	Transition metals and metal complexes in autophagy and diseases. Journal of Cellular Physiology, 2021, 236, 7144-7158.	4.1	21
23	Targeting autophagy peptidase ATG4B with a novel natural product inhibitor Azalomycin F4a for advanced gastric cancer. Cell Death and Disease, 2022, 13, 161.	6.3	17
24	New Anti-Cancer Strategy to Suppress Colorectal Cancer Growth Through Inhibition of ATG4B and Lysosome Function. Cancers, 2020, 12, 1523.	3.7	16
25	Comparison of biological and transcriptomic effects of conventional cigarette and electronic cigarette smoke exposure at toxicological dose in BEAS-2B cells. Ecotoxicology and Environmental Safety, 2021, 222, 112472.	6.0	16
26	A Review of Toxicity Mechanism Studies of Electronic Cigarettes on Respiratory System. International Journal of Molecular Sciences, 2022, 23, 5030.	4.1	15
27	Niclosamide Triggers Non-Canonical LC3 Lipidation. Cells, 2019, 8, 248.	4.1	14
28	Autophagy modulator scoring system: a user-friendly tool for quantitative analysis of methodological integrity of chemical autophagy modulator studies. Autophagy, 2020, 16, 195-202.	9.1	14
29	Toosendanin, a novel potent vacuolar-type H ⁺ -translocating ATPase inhibitor, sensitizes cancer cells to chemotherapy by blocking protective autophagy. International Journal of Biological Sciences, 2022, 18, 2684-2702.	6.4	12
30	Toosendanin, a late-stage autophagy inhibitor, sensitizes triple-negative breast cancer to irinotecan chemotherapy. Chinese Medicine, 2022, 17, 55.	4.0	10
31	Development of Thyroid Hormones and Synthetic Thyromimetics in Non-Alcoholic Fatty Liver Disease. International Journal of Molecular Sciences, 2022, 23, 1102.	4.1	8
32	Suppression of ATG4B by copper inhibits autophagy and involves in Mallory body formation. Redox Biology, 2022, 52, 102284.	9.0	8
33	A salt bridge turns off the foot-pocket in class-II HDACs. Physical Chemistry Chemical Physics, 2016, 18, 21246-21250.	2.8	7
34	The regulatory factors and pathological roles of autophagyâ€related protein 4Âin diverse diseases: Recent research advances. Medicinal Research Reviews, 2021, 41, 1644-1675.	10.5	7
35	Inside Front Cover Image, Volume 41, Issue 3. Medicinal Research Reviews, 2021, 41, ii.	10.5	0