

List of Publications by Year in descending order

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50
papers

11,407
citations

159358

30
h-index

189595

50
g-index

51
all docs

51
docs citations

51
times ranked

24102
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Role of AMPK-mTOR-Ulk1/2 in the Regulation of Autophagy: Cross Talk, Shortcuts, and Feedbacks. <i>Molecular and Cellular Biology</i> , 2012, 32, 2-11.	1.1	1,110
4	Ulk1-mediated phosphorylation of AMPK constitutes a negative regulatory feedback loop. <i>Autophagy</i> , 2011, 7, 696-706.	4.3	220
5	Autophagy signal transduction by ATG proteins: from hierarchies to networks. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4721-4757.	2.4	187
6	AMPK-independent induction of autophagy by cytosolic Ca ²⁺ increase. <i>Cellular Signalling</i> , 2010, 22, 914-925.	1.7	145
7	Atg13 and FIP200 act independently of Ulk1 and Ulk2 in autophagy induction. <i>Autophagy</i> , 2011, 7, 1424-1433.	4.3	117
8	Vemurafenib Potently Induces Endoplasmic Reticulum Stressâ€‘Mediated Apoptosis in BRAFV600E Melanoma Cells. <i>Science Signaling</i> , 2013, 6, ra7.	1.6	114
9	A systems study reveals concurrent activation of AMPK and mTOR by amino acids. <i>Nature Communications</i> , 2016, 7, 13254.	5.8	113
10	SIRT4 interacts with OPA1 and regulates mitochondrial quality control and mitophagy. <i>Aging</i> , 2017, 9, 2163-2189.	1.4	108
11	Fin56-induced ferroptosis is supported by autophagy-mediated GPX4 degradation and functions synergistically with mTOR inhibition to kill bladder cancer cells. <i>Cell Death and Disease</i> , 2021, 12, 1028.	2.7	107
12	Pro-Apoptotic and Immunostimulatory Tetrahydroxanthone Dimers from the Endophytic Fungus <i>Phomopsis longicolla</i> . <i>Journal of Organic Chemistry</i> , 2013, 78, 12409-12425.	1.7	87
13	Grb2 and the Non-T Cell Activation Linker NTAL Constitute a Ca ²⁺ -Regulating Signal Circuit in B Lymphocytes. <i>Immunity</i> , 2004, 21, 681-691.	6.6	76
14	Ca ²⁺ signaling in antigen receptorâ€‘activated B lymphocytes. <i>Immunological Reviews</i> , 2007, 218, 235-246.	2.8	75
15	Triggering of a novel intrinsic apoptosis pathway by the kinase inhibitor staurosporine: activation of caspaseâ€‘9 in the absence of Apafâ€‘1. <i>FASEB Journal</i> , 2011, 25, 3250-3261.	0.2	75
16	The incredible ULKs. <i>Cell Communication and Signaling</i> , 2012, 10, 7.	2.7	75
17	Targeting colorectal cancer cell metabolism through development of cisplatin and metformin nano-cubosomes. <i>BMC Cancer</i> , 2018, 18, 822.	1.1	63
18	Subcellular localization of Grb2 by the adaptor protein Dok-3 restricts the intensity of Ca ²⁺ signaling in B cells. <i>EMBO Journal</i> , 2007, 26, 1140-1149.	3.5	61

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19	Expression of a ULK1/2 binding-deficient ATG13 variant can partially restore autophagic activity in ATG13-deficient cells. <i>Autophagy</i> , 2015, 11, 1471-1483.	4.3	61
20	An siRNA screen for ATG protein depletion reveals the extent of the unconventional functions of the autophagy proteome in virus replication. <i>Journal of Cell Biology</i> , 2016, 214, 619-635.	2.3	52
21	Interferon- β and tumor necrosis factor- α sensitize primarily resistant human endometrial stromal cells to Fas-mediated apoptosis. <i>Journal of Cell Science</i> , 2007, 120, 4126-4133.	1.2	51
22	Callyspongiolide, a Cytotoxic Macrolide from the Marine Sponge <i>Callyspongia</i> sp.. <i>Organic Letters</i> , 2014, 16, 266-269.	2.4	51
23	ATG13. <i>Autophagy</i> , 2014, 10, 944-956.	4.3	46
24	The ciliary protein RPGRIP1L governs autophagy independently of its proteasome-regulating function at the ciliary base in mouse embryonic fibroblasts. <i>Autophagy</i> , 2018, 14, 567-583.	4.3	46
25	Effects of bacterial N-acyl homoserine lactones on human Jurkat T lymphocytes-OddHL induces apoptosis via the mitochondrial pathway. <i>International Journal of Medical Microbiology</i> , 2009, 299, 509-519.	1.5	43
26	TNF-induced necroptosis initiates early autophagy events via RIPK3-dependent AMPK activation, but inhibits late autophagy. <i>Autophagy</i> , 2021, 17, 3992-4009.	4.3	42
27	The Akt inhibitor triciribine sensitizes prostate carcinoma cells to TRAIL-induced apoptosis. <i>International Journal of Cancer</i> , 2009, 125, 932-941.	2.3	40
28	The Autophagy-Initiating Kinase ULK1 Controls RIPK1-Mediated Cell Death. <i>Cell Reports</i> , 2020, 31, 107547.	2.9	39
29	Systematic analysis of ATG13 domain requirements for autophagy induction. <i>Autophagy</i> , 2018, 14, 743-763.	4.3	38
30	Deubiquitinase inhibition by WP1130 leads to ULK1 aggregation and blockade of autophagy. <i>Autophagy</i> , 2015, 11, 1458-1470.	4.3	35
31	Targeting urothelial carcinoma cells by combining cisplatin with a specific inhibitor of the autophagy-inducing class III PtdIns3K complex. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2018, 36, 160.e1-160.e13.	0.8	33
32	PDK1 controls upstream PI3K expression and PIP3 generation. <i>Oncogene</i> , 2014, 33, 3043-3053.	2.6	30
33	Daldinone derivatives from the mangrove-derived endophytic fungus <i>Annulohyphoxylon</i> sp.. <i>RSC Advances</i> , 2017, 7, 5381-5393.	1.7	30
34	The mycotoxin phomoxanthone A disturbs the form and function of the inner mitochondrial membrane. <i>Cell Death and Disease</i> , 2018, 9, 286.	2.7	27
35	Phomoxanthone A - From Mangrove Forests to Anticancer Therapy. <i>Current Medicinal Chemistry</i> , 2015, 22, 3523-3532.	1.2	24
36	Efficient and safe gene delivery to human corneal endothelium using magnetic nanoparticles. <i>Nanomedicine</i> , 2016, 11, 1787-1800.	1.7	23

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37	The Dok-3/Grb2 Protein Signal Module Attenuates Lyn Kinase-dependent Activation of Syk Kinase in B Cell Antigen Receptor Microclusters. <i>Journal of Biological Chemistry</i> , 2013, 288, 2303-2313.	1.6	18
38	FIP200 controls the TBK1 activation threshold at SQSTM1/p62-positive condensates. <i>Scientific Reports</i> , 2021, 11, 13863.	1.6	18
39	Cyclic Cystine-Bridged Peptides from the Marine Sponge <i>Clathria basilana</i> Induce Apoptosis in Tumor Cells and Depolarize the Bacterial Cytoplasmic Membrane. <i>Journal of Natural Products</i> , 2017, 80, 2941-2952.	1.5	15
40	Anthraquinones and autophagy – Three rings to rule them all?. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115042.	1.4	15
41	Regulation of calcineurin activity in insulin-secreting cells: Stimulation by Hsp90 during glucocorticoid-induced apoptosis. <i>Cellular Signalling</i> , 2008, 20, 1780-1786.	1.7	14
42	Prodigiosin Sensitizes Sensitive and Resistant Urothelial Carcinoma Cells to Cisplatin Treatment. <i>Molecules</i> , 2021, 26, 1294.	1.7	13
43	Carbamoyl-Phosphate Synthase 1 as a Novel Target of Phomoxanthone A, a Bioactive Fungal Metabolite. <i>Biomolecules</i> , 2020, 10, 846.	1.8	10
44	First Results from a Screening of 300 Naturally Occurring Compounds: 4,6-dibromo-2-(2,4-dibromophenoxy)phenol, 4,5,6-tribromo-2-(2,4-dibromophenoxy)phenol, and 5-epi-nakijinone Q as Substances with the Potential for Anticancer Therapy. <i>Marine Drugs</i> , 2019, 17, 521.	2.2	8
45	High-throughput screening for natural compound-based autophagy modulators reveals novel chemotherapeutic mode of action for arzanol. <i>Cell Death and Disease</i> , 2021, 12, 560.	2.7	8
46	Metformin dampens cisplatin cytotoxicity on leukemia cells after incorporation into cubosomal nanoformulation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112140.	2.5	8
47	Regulating RIPK1: another way in which ULK1 contributes to survival. <i>Autophagy</i> , 2020, 16, 1544-1546.	4.3	6
48	Study of ULK1 Catalytic Activity and Its Regulation. <i>Methods in Enzymology</i> , 2017, 587, 391-404.	0.4	4
49	Phosphorylation of GAPVD1 Is Regulated by the PER Complex and Linked to GAPVD1 Degradation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3787.	1.8	2
50	The phospho-barcode of RIPK1: complementarity or redundancy?. <i>Molecular and Cellular Oncology</i> , 2020, 7, 1776085.	0.3	0