BjÃ¶rn Stork

List of Publications by Year
in descending order

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	Prodigiosin Sensitizes Sensitive and Resistant Urothelial Carcinoma Cells to Cisplatin Treatment. Molecules, 2021, 26, 1294.	1.7	13
2	TNF-induced necroptosis initiates early autophagy events via RIPK3-dependent AMPK activation, but inhibits late autophagy. Autophagy, 2021, 17, 3992-4009.	4.3	42
3	Phosphorylation of GAPVD1 Is Regulated by the PER Complex and Linked to GAPVD1 Degradation. International Journal of Molecular Sciences, 2021, 22, 3787.	1.8	2
4	High-throughput screening for natural compound-based autophagy modulators reveals novel chemotherapeutic mode of action for arzanol. Cell Death and Disease, 2021, 12, 560.	2.7	8
5	FIP200 controls the TBK1 activation threshold at SQSTM1/p62-positive condensates. Scientific Reports, 2021, 11, 13863.	1.6	18
6	Metformin dampens cisplatin cytotoxicity on leukemia cells after incorporation into cubosomal nanoformulation. Biomedicine and Pharmacotherapy, 2021, 143, 112140.	2.5	8
7	Fin56-induced ferroptosis is supported by autophagy-mediated GPX4 degradation and functions synergistically with mTOR inhibition to kill bladder cancer cells. Cell Death and Disease, 2021, 12, 1028.	2.7	107
8	The phospho-barcode of RIPK1: complementarity or redundancy?. Molecular and Cellular Oncology, 2020, 7, 1776085.	0.3	0
9	Regulating RIPK1: another way in which ULK1 contributes to survival. Autophagy, 2020, 16, 1544-1546.	4.3	6
10	Carbamoyl-Phosphate Synthase 1 as a Novel Target of Phomoxanthone A, a Bioactive Fungal Metabolite. Biomolecules, 2020, 10, 846.	1.8	10
11	The Autophagy-Initiating Kinase ULK1 Controls RIPK1-Mediated Cell Death. Cell Reports, 2020, 31, 107547.	2.9	39
12	Anthraquinones and autophagy â€“ Three rings to rule them all?. Bioorganic and Medicinal Chemistry, 2019, 27, 115042.	1.4	15
13	First Results from a Screening of 300 Naturally Occurring Compounds: 4,6-dibromo-2-(2â€²,4â€²-dibromophenoxy)phenol, 4,5,6-tribromo-2-(2â€²,4â€²-dibromophenoxy)phenol, and 5-epi-nakijinone Q as Substances with the Potential for Anticancer Therapy. Marine Drugs, 2019, 17, 521.	2.2	8
14	The mycotoxin phomoxanthone A disturbs the form and function of the inner mitochondrial membrane. Cell Death and Disease, 2018, 9, 286.	2.7	27
15	The ciliary protein RPGRIP1L governs autophagy independently of its proteasome-regulating function at the ciliary base in mouse embryonic fibroblasts. Autophagy, 2018, 14, 567-583.	4.3	46
16	Targeting urothelial carcinoma cells by combining cisplatin with a specific inhibitor of the autophagy-inducing class III PtdIns3K complex. Urologic Oncology: Seminars and Original Investigations, 2018, 36, 160.e1-160.e13.	0.8	33
17	Systematic analysis of ATG13 domain requirements for autophagy induction. Autophagy, 2018, 14, 743-763.	4.3	38
18	Targeting colorectal cancer cell metabolism through development of cisplatin and metformin nano-cubosomes. BMC Cancer, 2018, 18, 822.	1.1	63

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19	Daldinone derivatives from the mangrove-derived endophytic fungus Annulohypoxylon sp.. RSC Advances, 2017, 7, 5381-5393.	1.7	30
20	Study of ULK1 Catalytic Activity and Its Regulation. Methods in Enzymology, 2017, 587, 391-404.	0.4	4
21	Cyclic Cystine-Bridged Peptides from the Marine SpongeClathria basilanaInduce Apoptosis in Tumor Cells and Depolarize the Bacterial Cytoplasmic Membrane. Journal of Natural Products, 2017, 80, 2941-2952.	1.5	15
22	SIRT4 interacts with OPA1 and regulates mitochondrial quality control and mitophagy. Aging, 2017, 9, 2163-2189.	1.4	108
23	Efficient and safe gene delivery to human corneal endothelium using magnetic nanoparticles. Nanomedicine, 2016, 11, 1787-1800.	1.7	23
24	An siRNA screen for ATG protein depletion reveals the extent of the unconventional functions of the autophagy proteome in virus replication. Journal of Cell Biology, 2016, 214, 619-635.	2.3	52
25	A systems study reveals concurrent activation of AMPK and mTOR by amino acids. Nature Communications, 2016, 7, 13254.	5.8	113
26	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
27	Expression of a ULK1/2 binding-deficient ATG13 variant can partially restore autophagic activity in ATG13-deficient cells. Autophagy, 2015, 11, 1471-1483.	4.3	61
28	Deubiquitinase inhibition by WP1130 leads to ULK1 aggregation and blockade of autophagy. Autophagy, 2015, 11, 1458-1470.	4.3	35
29	Autophagy signal transduction by ATG proteins: from hierarchies to networks. Cellular and Molecular Life Sciences, 2015, 72, 4721-4757.	2.4	187
30	Phomoxanthone A - From Mangrove Forests to Anticancer Therapy. Current Medicinal Chemistry, 2015, 22, 3523-3532.	1.2	24
31	ATG13. Autophagy, 2014, 10, 944-956.	4.3	46
32	PDK1 controls upstream PI3K expression and PIP3 generation. Oncogene, 2014, 33, 3043-3053.	2.6	30
33	Callyspongiolide, a Cytotoxic Macrolide from the Marine Sponge Callyspongia sp.. Organic Letters, 2014, 16, 266-269.	2.4	51
34	Pro-Apoptotic and Immunostimulatory Tetrahydroxanthone Dimers from the Endophytic Fungus Phomopsis longicolla. Journal of Organic Chemistry, 2013, 78, 12409-12425.	1.7	87
35	Vemurafenib Potently Induces Endoplasmic Reticulum Stressâ€“Mediated Apoptosis in BRAFV600E Melanoma Cells. Science Signaling, 2013, 6, ra7.	1.6	114
36	The Dok-3/Grb2 Protein Signal Module Attenuates Lyn Kinase-dependent Activation of Syk Kinase in B Cell Antigen Receptor Microclusters. Journal of Biological Chemistry, 2013, 288, 2303-2313.	1.6	18

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37	The incredible ULKs. Cell Communication and Signaling, 2012, 10, 7.	2.7	75
38	Role of AMPK-mTOR-Ulk1/2 in the Regulation of Autophagy: Cross Talk, Shortcuts, and Feedbacks. Molecular and Cellular Biology, 2012, 32, 2-11.	1.1	1,110
39	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
40	Ulk1-mediated phosphorylation of AMPK constitutes a negative regulatory feedback loop. Autophagy, 2011, 7, 696-706.	4.3	220
41	Atg13 and FIP200 act independently of Ulk1 and Ulk2 in autophagy induction. Autophagy, 2011, 7, 1424-1433.	4.3	117
42	Triggering of a novel intrinsic apoptosis pathway by the kinase inhibitor staurosporine: activation of caspaseâ€9 in the absence of Apafâ€1. FASEB Journal, 2011, 25, 3250-3261.	0.2	75
43	AMPK-independent induction of autophagy by cytosolic Ca2+ increase. Cellular Signalling, 2010, 22, 914-925.	1.7	145
44	The Akt inhibitor triciribine sensitizes prostate carcinoma cells to TRAILâ€induced apoptosis. International Journal of Cancer, 2009, 125, 932-941.	2.3	40
45	Effects of bacterial N-acyl homoserine lactones on human Jurkat T lymphocytes-OdDHL induces apoptosis via the mitochondrial pathway. International Journal of Medical Microbiology, 2009, 299, 509-519.	1.5	43
46	Regulation of calcineurin activity in insulin-secreting cells: Stimulation by Hsp90 during glucocorticoid-induced apoptosis. Cellular Signalling, 2008, 20, 1780-1786.	1.7	14
47	Interferon-Î³ and tumor necrosis factor-Î± sensitize primarily resistant human endometrial stromal cells to Fas-mediated apoptosis. Journal of Cell Science, 2007, 120, 4126-4133.	1.2	51
48	Subcellular localization of Grb2 by the adaptor protein Dok-3 restricts the intensity of Ca2+ signaling in B cells. EMBO Journal, 2007, 26, 1140-1149.	3.5	61
49	Ca²⁺ signaling in antigen receptorâ€activated B lymphocytes. Immunological Reviews, 2007, 218, 235-246.	2.8	75
50	Grb2 and the Non-T Cell Activation Linker NTAL Constitute a Ca2+-Regulating Signal Circuit in B Lymphocytes. Immunity, 2004, 21, 681-691.	6.6	76