Bjrn Stork

List of Publications by Year in Descending Order

49 papers	9,265 citations	26 h-index	51 g-index
51 ext. papers	10,436 ext. citations	7.6 avg, IF	5.02 L-index

#	Paper	IF	Citations
49	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	9.8	12
48	TNF-induced necroptosis initiates early autophagy events via RIPK3-dependent AMPK activation, but inhibits late autophagy. *Autophagy*, **2021**, 1-18	10.2	7
47	High-throughput screening for natural compound-based autophagy modulators reveals novel chemotherapeutic mode of action for arzanol. *Cell Death and Disease*, **2021**, 12, 560	9.8	3
46	FIP200 controls the TBK1 activation threshold at SQSTM1/p62-positive condensates. *Scientific Reports*, **2021**, 11, 13863	4.9	2
45	Prodigiosin Sensitizes Sensitive and Resistant Urothelial Carcinoma Cells to Cisplatin Treatment. *Molecules*, **2021**, 26,	4.8	3
44	Metformin dampens cisplatin cytotoxicity on leukemia cells after incorporation into cubosomal nanoformulation. *Biomedicine and Pharmacotherapy*, **2021**, 143, 112140	7.5	2
43	Regulating RIPK1: another way in which ULK1 contributes to survival. *Autophagy*, **2020**, 16, 1544-1546	10.2	2
42	Carbamoyl-Phosphate Synthase 1 as a Novel Target of Phomoxanthone A, a Bioactive Fungal Metabolite. *Biomolecules*, **2020**, 10,	5.9	3
41	The Autophagy-Initiating Kinase ULK1 Controls RIPK1-Mediated Cell Death. *Cell Reports*, **2020**, 31, 107547	10.6	24
40	The phospho-barcode of RIPK1: complementarity or redundancy?. *Molecular and Cellular Oncology*, **2020**, 7, 1776085	1.2	
39	First Results from a Screening of 300 Naturally Occurring Compounds: 4,6-dibromo-2-(2R,4Rdibromophenoxy)phenol, 4,5,6-tribromo-2-(2R,4Rdibromophenoxy)phenol, and 5-epi-nakijinone Q as Substances with the Potential for Anticancer Therapy. *Marine Drugs*, **2019**, 17,	6	4
38	Anthraquinones and autophagy - Three rings to rule them all?. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 115042	3.4	9
37	The mycotoxin phomoxanthone A disturbs the form and function of the inner mitochondrial membrane. *Cell Death and Disease*, **2018**, 9, 286	9.8	16
36	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	10.2	32
35	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	2.8	19
34	Targeting colorectal cancer cell metabolism through development of cisplatin and metformin nano-cubosomes. *BMC Cancer*, **2018**, 18, 822	4.8	34
33	Systematic analysis of ATG13 domain requirements for autophagy induction. *Autophagy*, **2018**, 14, 743-763	10.2	28

32	Daldinone derivatives from the mangrove-derived endophytic fungus Annulohypoxylon sp.. *RSC Advances*, **2017**, 7, 5381-5393	3.7	21
31	Study of ULK1 Catalytic Activity and Its Regulation. *Methods in Enzymology*, **2017**, 587, 391-404	1.7	3
30	Cyclic Cystine-Bridged Peptides from the Marine Sponge Clathria basilana Induce Apoptosis in Tumor Cells and Depolarize the Bacterial Cytoplasmic Membrane. *Journal of Natural Products*, **2017**, 80, 2941-2952	4.9	13
29	SIRT4 interacts with OPA1 and regulates mitochondrial quality control and mitophagy. *Aging*, **2017**, 9, 2163-2189	5.6	73
28	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, 619-35	7.3	40
27	A systems study reveals concurrent activation of AMPK and mTOR by amino acids. *Nature Communications*, **2016**, 7, 13254	17.4	75
26	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
25	Efficient and safe gene delivery to human corneal endothelium using magnetic nanoparticles. *Nanomedicine*, **2016**, 11, 1787-800	5.6	17
24	Expression of a ULK1/2 binding-deficient ATG13 variant can partially restore autophagic activity in ATG13-deficient cells. *Autophagy*, **2015**, 11, 1471-83	10.2	40
23	Deubiquitinase inhibition by WP1130 leads to ULK1 aggregation and blockade of autophagy. *Autophagy*, **2015**, 11, 1458-70	10.2	24
22	Autophagy signal transduction by ATG proteins: from hierarchies to networks. *Cellular and Molecular Life Sciences*, **2015**, 72, 4721-57	10.3	150
21	Phomoxanthone A--From Mangrove Forests to Anticancer Therapy. *Current Medicinal Chemistry*, **2015**, 22, 3523-32	4.3	17
20	Callyspongiolide, a cytotoxic macrolide from the marine sponge Callyspongia sp. *Organic Letters*, **2014**, 16, 266-9	6.2	37
19	ATG13: just a companion, or an executor of the autophagic program?. *Autophagy*, **2014**, 10, 944-56	10.2	36
18	PDK1 controls upstream PI3K expression and PIP3 generation. *Oncogene*, **2014**, 33, 3043-53	9.2	17
17	Pro-apoptotic and immunostimulatory tetrahydroxanthone dimers from the endophytic fungus Phomopsis longicolla. *Journal of Organic Chemistry*, **2013**, 78, 12409-25	4.2	65
16	Vemurafenib potently induces endoplasmic reticulum stress-mediated apoptosis in BRAFV600E melanoma cells. *Science Signaling*, **2013**, 6, ra7	8.8	96
15	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, 2303-13	5.4	15

14	Role of AMPK-mTOR-Ulk1/2 in the regulation of autophagy: cross talk, shortcuts, and feedbacks. *Molecular and Cellular Biology*, **2012**, 32, 2-11	4.8	853
13	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
12	The incredible ULKs. *Cell Communication and Signaling*, **2012**, 10, 7	7.5	65
11	Ulk1-mediated phosphorylation of AMPK constitutes a negative regulatory feedback loop. *Autophagy*, **2011**, 7, 696-706	10.2	179
10	Atg13 and FIP200 act independently of Ulk1 and Ulk2 in autophagy induction. *Autophagy*, **2011**, 7, 1423-33	10.2	94
9	Triggering of a novel intrinsic apoptosis pathway by the kinase inhibitor staurosporine: activation of caspase-9 in the absence of Apaf-1. *FASEB Journal*, **2011**, 25, 3250-61	0.9	64
8	AMPK-independent induction of autophagy by cytosolic Ca2+ increase. *Cellular Signalling*, **2010**, 22, 914-25	4.9	126
7	The Akt inhibitor triciribine sensitizes prostate carcinoma cells to TRAIL-induced apoptosis. *International Journal of Cancer*, **2009**, 125, 932-41	7.5	37
6	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, 509-19	3.7	33
5	Regulation of calcineurin activity in insulin-secreting cells: stimulation by Hsp90 during glucocorticoid-induced apoptosis. *Cellular Signalling*, **2008**, 20, 1780-6	4.9	11
4	Subcellular localization of Grb2 by the adaptor protein Dok-3 restricts the intensity of Ca2+ signaling in B cells. *EMBO Journal*, **2007**, 26, 1140-9	13	56
3	Ca(2+) signaling in antigen receptor-activated B lymphocytes. *Immunological Reviews*, **2007**, 218, 235-46	11.3	69
2	Interferon-gamma and tumor necrosis factor-alpha sensitize primarily resistant human endometrial stromal cells to Fas-mediated apoptosis. *Journal of Cell Science*, **2007**, 120, 4126-33	5.3	44
1	Grb2 and the non-T cell activation linker NTAL constitute a Ca(2+)-regulating signal circuit in B lymphocytes. *Immunity*, **2004**, 21, 681-91	32.3	73