

# Bjrn Stork

## List of Publications by Citations

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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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
48	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-546	10.2	2783
47	Role of AMPK-mTOR-Ulk1/2 in the regulation of autophagy: cross talk, shortcuts, and feedbacks. <i>Molecular and Cellular Biology</i> , <b>2012</b> , 32, 2-11	4.8	853
46	Ulk1-mediated phosphorylation of AMPK constitutes a negative regulatory feedback loop. <i>Autophagy</i> , <b>2011</b> , 7, 696-706	10.2	179
45	Autophagy signal transduction by ATG proteins: from hierarchies to networks. <i>Cellular and Molecular Life Sciences</i> , <b>2015</b> , 72, 4721-57	10.3	150
44	AMPK-independent induction of autophagy by cytosolic Ca <sup>2+</sup> increase. <i>Cellular Signalling</i> , <b>2010</b> , 22, 914-25	11.3	126
43	Vemurafenib potently induces endoplasmic reticulum stress-mediated apoptosis in BRAFV600E melanoma cells. <i>Science Signaling</i> , <b>2013</b> , 6, ra7	8.8	96
42	Atg13 and FIP200 act independently of Ulk1 and Ulk2 in autophagy induction. <i>Autophagy</i> , <b>2011</b> , 7, 1423-33	11.2	94
41	A systems study reveals concurrent activation of AMPK and mTOR by amino acids. <i>Nature Communications</i> , <b>2016</b> , 7, 13254	17.4	75
40	Grb2 and the non-T cell activation linker NTAL constitute a Ca <sup>2+</sup> -regulating signal circuit in B lymphocytes. <i>Immunity</i> , <b>2004</b> , 21, 681-91	32.3	73
39	SIRT4 interacts with OPA1 and regulates mitochondrial quality control and mitophagy. <i>Aging</i> , <b>2017</b> , 9, 2163-2189	5.6	73
38	Ca <sup>2+</sup> signaling in antigen receptor-activated B lymphocytes. <i>Immunological Reviews</i> , <b>2007</b> , 218, 235-46	11.3	69
37	Pro-apoptotic and immunostimulatory tetrahydroxanthone dimers from the endophytic fungus <i>Phomopsis longicolla</i> . <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 12409-25	4.2	65
36	The incredible ULKs. <i>Cell Communication and Signaling</i> , <b>2012</b> , 10, 7	7.5	65
35	Triggering of a novel intrinsic apoptosis pathway by the kinase inhibitor staurosporine: activation of caspase-9 in the absence of Apaf-1. <i>FASEB Journal</i> , <b>2011</b> , 25, 3250-61	0.9	64
34	Subcellular localization of Grb2 by the adaptor protein Dok-3 restricts the intensity of Ca <sup>2+</sup> signaling in B cells. <i>EMBO Journal</i> , <b>2007</b> , 26, 1140-9	13	56
33	Interferon-gamma and tumor necrosis factor-alpha sensitize primarily resistant human endometrial stromal cells to Fas-mediated apoptosis. <i>Journal of Cell Science</i> , <b>2007</b> , 120, 4126-33	5.3	44

32	Expression of a ULK1/2 binding-deficient ATG13 variant can partially restore autophagic activity in ATG13-deficient cells. <i>Autophagy</i> , <b>2015</b> , 11, 1471-83	10.2	40
31	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> , <b>2016</b> , 214, 619-35	7.3	40
30	Callyspongiolide, a cytotoxic macrolide from the marine sponge Callyspongia sp. <i>Organic Letters</i> , <b>2014</b> , 16, 266-9	6.2	37
29	The Akt inhibitor triciribine sensitizes prostate carcinoma cells to TRAIL-induced apoptosis. <i>International Journal of Cancer</i> , <b>2009</b> , 125, 932-41	7.5	37
28	ATG13: just a companion, or an executor of the autophagic program?. <i>Autophagy</i> , <b>2014</b> , 10, 944-56	10.2	36
27	Targeting colorectal cancer cell metabolism through development of cisplatin and metformin nano-cubosomes. <i>BMC Cancer</i> , <b>2018</b> , 18, 822	4.8	34
26	Effects of bacterial N-acyl homoserine lactones on human Jurkat T lymphocytes-OddDHL induces apoptosis via the mitochondrial pathway. <i>International Journal of Medical Microbiology</i> , <b>2009</b> , 299, 509-19	3.7	33
25	The ciliary protein RPGRIP1L governs autophagy independently of its proteasome-regulating function at the ciliary base in mouse embryonic fibroblasts. <i>Autophagy</i> , <b>2018</b> , 14, 567-583	10.2	32
24	Systematic analysis of ATG13 domain requirements for autophagy induction. <i>Autophagy</i> , <b>2018</b> , 14, 743-763	10.2	28
23	Deubiquitinase inhibition by WP1130 leads to ULK1 aggregation and blockade of autophagy. <i>Autophagy</i> , <b>2015</b> , 11, 1458-70	10.2	24
22	The Autophagy-Initiating Kinase ULK1 Controls RIPK1-Mediated Cell Death. <i>Cell Reports</i> , <b>2020</b> , 31, 107547	10.6	24
21	Daldinone derivatives from the mangrove-derived endophytic fungus <i>Annulohyphoxylon</i> sp.. <i>RSC Advances</i> , <b>2017</b> , 7, 5381-5393	3.7	21
20	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> , <b>2018</b> , 36, 160.e1-160.e13	2.8	19
19	PDK1 controls upstream PI3K expression and PIP3 generation. <i>Oncogene</i> , <b>2014</b> , 33, 3043-53	9.2	17
18	Phomoxanthone A--From Mangrove Forests to Anticancer Therapy. <i>Current Medicinal Chemistry</i> , <b>2015</b> , 22, 3523-32	4.3	17
17	Efficient and safe gene delivery to human corneal endothelium using magnetic nanoparticles. <i>Nanomedicine</i> , <b>2016</b> , 11, 1787-800	5.6	17
16	The mycotoxin phomoxanthone A disturbs the form and function of the inner mitochondrial membrane. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 286	9.8	16
15	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> , <b>2013</b> , 288, 2303-13	5.4	15

14	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> , <b>2017</b> , 80, 2941-2952	4.9	13
13	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> , <b>2021</b> , 12, 1028	9.8	12
12	Regulation of calcineurin activity in insulin-secreting cells: stimulation by Hsp90 during glucocorticoid-induced apoptosis. <i>Cellular Signalling</i> , <b>2008</b> , 20, 1780-6	4.9	11
11	Anthraquinones and autophagy - Three rings to rule them all?. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 115042	3.4	9
10	TNF-induced necroptosis initiates early autophagy events via RIPK3-dependent AMPK activation, but inhibits late autophagy. <i>Autophagy</i> , <b>2021</b> , 1-18	10.2	7
9	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> , <b>2019</b> , 17,	6	4
8	Study of ULK1 Catalytic Activity and Its Regulation. <i>Methods in Enzymology</i> , <b>2017</b> , 587, 391-404	1.7	3
7	Carbamoyl-Phosphate Synthase 1 as a Novel Target of Phomoxanthone A, a Bioactive Fungal Metabolite. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	3
6	High-throughput screening for natural compound-based autophagy modulators reveals novel chemotherapeutic mode of action for arzanol. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 560	9.8	3
5	Prodigiosin Sensitizes Sensitive and Resistant Urothelial Carcinoma Cells to Cisplatin Treatment. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
4	Regulating RIPK1: another way in which ULK1 contributes to survival. <i>Autophagy</i> , <b>2020</b> , 16, 1544-1546	10.2	2
3	FIP200 controls the TBK1 activation threshold at SQSTM1/p62-positive condensates. <i>Scientific Reports</i> , <b>2021</b> , 11, 13863	4.9	2
2	Metformin dampens cisplatin cytotoxicity on leukemia cells after incorporation into cubosomal nanoformulation. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 143, 112140	7.5	2
1	The phospho-barcode of RIPK1: complementarity or redundancy?. <i>Molecular and Cellular Oncology</i> , <b>2020</b> , 7, 1776085	1.2	