Sabrina BÃ¼ttner

List of Publications by Year
in descending order

77 papers	7,952 citations	87723 38 h-index	71532 76 g-index
80 all docs	80 docs citations	80 times ranked	12063 citing authors

#	Article	IF	Citations
1	Sterol Metabolism Differentially Contributes to Maintenance and Exit of Quiescence. Frontiers in Cell and Developmental Biology, 2022, 10, 788472.	1.8	5
2	Targeting cellular senescence based on interorganelle communication, multilevel proteostasis, and metabolic control. FEBS Journal, 2021, 288, 3834-3854.	2.2	20
3	Snd3 controls nucleus-vacuole junctions in response to glucose signaling. Cell Reports, 2021, 34, 108637.	2.9	22
4	Editorial: Modeling Neurodegeneration in Yeast. Frontiers in Molecular Neuroscience, 2021, 14, 645190.	1.4	0
5	Increased mitochondrial protein import and cardiolipin remodelling upon early mtUPR. PLoS Genetics, 2021, 17, e1009664.	1.5	19
6	Nuclear envelope budding is a response to cellular stress. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	28
7	Remodelling of Nucleus-Vacuole Junctions During Metabolic and Proteostatic Stress. Contact (Thousand Oaks (Ventura County, Calif)), 2021, 4, 251525642110166.	0.4	2
8	Phosphate Restriction Promotes Longevity via Activation of Autophagy and the Multivesicular Body Pathway. Cells, 2021, 10, 3161.	1.8	17
9	Ca2+ administration prevents Î±-synuclein proteotoxicity by stimulating calcineurin-dependent lysosomal proteolysis. PLoS Genetics, 2021, 17, e1009911.	1.5	2
10	An Early mtUPR: Redistribution of the Nuclear Transcription Factor Rox1 to Mitochondria Protects against Intramitochondrial Proteotoxic Aggregates. Molecular Cell, 2020, 77, 180-188.e9.	4.5	53
11	The basic machineries for mitochondrial protein quality control. Mitochondrion, 2020, 50, 121-131.	1.6	40
12	Acyl-CoA-binding protein (ACBP): a phylogenetically conserved appetite stimulator. Cell Death and Disease, 2020, 11, 7.	2.7	34
13	Bab2 Functions as an Ecdysone-Responsive Transcriptional Repressor during Drosophila Development. Cell Reports, 2020, 32, 107972.	2.9	15
14	Membrane-tethering of cytochrome c accelerates regulated cell death in yeast. Cell Death and Disease, 2020, 11, 722.	2.7	10
15	Closing the Gap: Membrane Contact Sites in the Regulation of Autophagy. Cells, 2020, 9, 1184.	1.8	26
16	Apitoxin and Its Components against Cancer, Neurodegeneration and Rheumatoid Arthritis: Limitations and Possibilities. Toxins, 2020, 12, 66.	1.5	48
17	Respiratory supercomplexes enhance electron transport by decreasing cytochrome <i>c</i> diffusion distance. EMBO Reports, 2020, 21, e51015.	2.0	71
18	Stable and destabilized GFP reporters to monitor calcineurin activity in Saccharomyces cerevisiae. Microbial Cell, 2020, 7, 106-114.	1.4	10

#	ARTICLE	IF	CITATIONS
19	The mitochondrial network in Parkinson's disease. , 2020, , 123-138.		0
20	Mitochondria orchestrate proteostatic and metabolic stress responses. EMBO Reports, 2019, 20, e47865.	2.0	69
21	Acetyl-CoA carboxylase 1â€"dependent lipogenesis promotes autophagy downstream of AMPK. Journal of Biological Chemistry, 2019, 294, 12020-12039.	1.6	29
22	The vacuolar shapes of ageing: From function to morphology. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 957-970.	1.9	31
23	Bee Venom Composition: From Chemistry to Biological Activity. Studies in Natural Products Chemistry, 2019, 60, 459-484.	0.8	36
24	TDP-43 controls lysosomal pathways thereby determining its own clearance and cytotoxicity. Human Molecular Genetics, 2018, 27, 1593-1607.	1.4	47
25	Guidelines and recommendations on yeast cell death nomenclature. Microbial Cell, 2018, 5, 4-31.	1.4	158
26	Regulated Cell Death as a Therapeutic Target for Novel Antifungal Peptides and Biologics. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-20.	1.9	17
27	TraN: A novel repressor of an Enterococcus conjugative type IV secretion system. Nucleic Acids Research, 2018, 46, 9201-9219.	6.5	11
28	From Regulated Cell Death to Adaptive Stress Strategies: Convergence and Divergence in Eukaryotic Cells. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-2.	1.9	1
29	The Enzymatic Core of the Parkinsonâ€™s Disease-Associated Protein LRRK2 Impairs Mitochondrial Biogenesis in Aging Yeast. Frontiers in Molecular Neuroscience, 2018, 11, 205.	1.4	14
30	Diacylglycerol triggers Rim101 pathwayâ€"dependent necrosis in yeast: a model for lipotoxicity. Cell Death and Differentiation, 2018, 25, 767-783.	5.0	22
31	Mitochondrial Translation Efficiency Controls Cytoplasmic Protein Homeostasis. Cell Metabolism, 2018, 27, 1309-1322.e6.	7.2	85
32	A novel system to monitor mitochondrial translation in yeast. Microbial Cell, 2018, 5, 158-164.	1.4	11
33	Endolysosomal pathway activity protects cells from neurotoxic TDP-43. Microbial Cell, 2018, 5, 212-214.	1.4	13
34	Conjugative type IV secretion in Gram-positive pathogens: TraG, a lytic transglycosylase and endopeptidase, interacts with translocation channel protein TraM. Plasmid, 2017, 91, 9-18.	0.4	13
35	Mitochondrial lipids in neurodegeneration. Cell and Tissue Research, 2017, 367, 125-140.	1.5	62
36	The Coordinated Action of Calcineurin and Cathepsin D Protects Against Î±-Synuclein Toxicity. Frontiers in Molecular Neuroscience, 2017, 10, 207.	1.4	22

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37	Mitochondrial energy metabolism is required for lifespan extension by the spastic paraplegia-associated protein spartin. Microbial Cell, 2017, 4, 411-422.	1.4	10
38	Taking out the garbage: cathepsin D and calcineurin in neurodegeneration. Neural Regeneration Research, 2017, 12, 1776.	1.6	30
39	Cardioprotection and lifespan extension by the natural polyamine spermidine. Nature Medicine, 2016, 22, 1428-1438.	15.2	801
40	Peroxisomal fission controls yeast life span. Cell Cycle, 2015, 14, 2389-2390.	1.3	2
41	A histone point mutation that switches on autophagy. Autophagy, 2014, 10, 1143-1145.	4.3	18
42	Lifespan Extension by Methionine Restriction Requires Autophagy-Dependent Vacuolar Acidification. PLoS Genetics, 2014, 10, e1004347.	1.5	192
43	The many ways to age for a single yeast cell. Yeast, 2014, 31, 289-298.	0.8	29
44	Spermidine protects against Î±-synuclein neurotoxicity. Cell Cycle, 2014, 13, 3903-3908.	1.3	132
45	Nucleocytosolic Depletion of the Energy Metabolite Acetyl-Coenzyme A Stimulates Autophagy and Prolongs Lifespan. Cell Metabolism, 2014, 19, 431-444.	7.2	221
46	Lipids and cell death in yeast. FEMS Yeast Research, 2014, 14, 179-197.	1.1	65
47	Autophagy extends lifespan via vacuolar acidification. Microbial Cell, 2014, 1, 160-162.	1.4	13
48	Endonuclease G mediates Î±-synuclein cytotoxicity during Parkinson's disease. EMBO Journal, 2013, 32, 3041-3054.	3.5	71
49	The cell death protease Kex1p is essential for hypochlorite-induced apoptosis in yeast. Cell Cycle, 2013, 12, 1704-1712.	1.3	23
50	Yno1p/Aim14p, a NADPH-oxidase ortholog, controls extramitochondrial reactive oxygen species generation, apoptosis, and actin cable formation in yeast. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8658-8663.	3.3	126
51	A yeast BH3-only protein mediates the mitochondrial pathway of apoptosis. EMBO Journal, 2011, 30, 2779-2792.	3.5	120
52	Neurotoxic 43-kDa TAR DNA-binding Protein (TDP-43) Triggers Mitochondrion-dependent Programmed Cell Death in Yeast. Journal of Biological Chemistry, 2011, 286, 19958-19972.	1.6	80
53	The Role of Mitochondria in the Aging Processes of Yeast. Sub-Cellular Biochemistry, 2011, 57, 55-78.	1.0	43
54	ATGL-mediated fat catabolism regulates cardiac mitochondrial function via PPAR-Î± and PGC-1. Nature Medicine, 2011, 17, 1076-1085.	15.2	612

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55	Aggresome formation and segregation of inclusions influence toxicity of Î±-synuclein and synphilin-1 in yeast. Biochemical Society Transactions, 2011, 39, 1476-1481.	1.6	23
56	Ceramide triggers metacaspase-independent mitochondrial cell death in yeast. Cell Cycle, 2011, 10, 3973-3978.	1.3	40
57	Yeast Aging and Apoptosis. Sub-Cellular Biochemistry, 2011, 57, 207-232.	1.0	15
58	Necrosis in yeast. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 257-268.	2.2	127
59	Nervous yeast: modeling neurotoxic cell death. Trends in Biochemical Sciences, 2010, 35, 135-144.	3.7	69
60	Spermidine: A novel autophagy inducer and longevity elixir. Autophagy, 2010, 6, 160-162.	4.3	147
61	Fatty acids trigger mitochondrion-dependent necrosis. Cell Cycle, 2010, 9, 2908-2914.	1.3	71
62	Synphilin-1 Enhances Î±-Synuclein Aggregation in Yeast and Contributes to Cellular Stress and Cell Death in a Sir2-Dependent Manner. PLoS ONE, 2010, 5, e13700.	1.1	36
63	The Warburg Effect Suppresses Oxidative Stress Induced Apoptosis in a Yeast Model for Cancer. PLoS ONE, 2009, 4, e4592.	1.1	96
64	Caspase-dependent and caspase-independent cell death pathways in yeast. Biochemical and Biophysical Research Communications, 2009, 382, 227-231.	1.0	132
65	Induction of autophagy by spermidine promotes longevity. Nature Cell Biology, 2009, 11, 1305-1314.	4.6	1,302
66	Loss of peroxisome function triggers necrosis. FEBS Letters, 2008, 582, 2882-2886.	1.3	52
67	Caspase-dependent and -independent lipotoxic cell-death pathways in fission yeast. Journal of Cell Science, 2008, 121, 2671-2684.	1.2	39
68	Functional Mitochondria Are Required for Î±-Synuclein Toxicity in Aging Yeast. Journal of Biological Chemistry, 2008, 283, 7554-7560.	1.6	121
69	NO-mediated apoptosis in yeast. Journal of Cell Science, 2007, 120, 3279-3288.	1.2	114
70	Depletion of Endonuclease G Selectively Kills Polyploid Cells. Cell Cycle, 2007, 6, 1072-1076.	1.3	29
71	Endonuclease G Regulates Budding Yeast Life and Death. Molecular Cell, 2007, 25, 233-246.	4.5	305
72	The mitochondrial pathway in yeast apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 1011-1023.	2.2	194

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73	Why yeast cells can undergo apoptosis: death in times of peace, love, and war. Journal of Cell Biology, 2006, 175, 521-525.	2.3	168
74	Crucial Mitochondrial Impairment upon CDC48 Mutation in Apoptotic Yeast. Journal of Biological Chemistry, 2006, 281, 25757-25767.	1.6	74
75	Isolation of quiescent and nonquiescent cells from yeast stationary-phase cultures. Journal of Cell Biology, 2006, 174, 89-100.	2.3	280
76	An AIF orthologue regulates apoptosis in yeast. Journal of Cell Biology, 2004, 166, 969-974.	2.3	359
77	Chronological aging leads to apoptosis in yeast. Journal of Cell Biology, 2004, 164, 501-507.	2.3	502