Frank Madeo

List of Publications by Year
in descending order

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265 papers	51,884 citations	2802 94 h-index	1461 220 g-index
272 all docs	272 docs citations	272 times ranked	59000 citing authors

#	Article	IF	Citations
1	Spermidine supplementation influences mitochondrial number and morphology in the heart of aged mice. Journal of Anatomy, 2023, 242, 91-101.	1.5	16
2	The ups and downs of caloric restriction and fasting: from molecular effects to clinical application. EMBO Molecular Medicine, 2022, 14, e14418.	6.9	76
3	The effect of spermidine on autoimmunity and beta cell function in NOD mice. Scientific Reports, 2022, 12, 4502.	3.3	9
4	The HSP40 chaperone Ydj1 drives amyloid beta 42 toxicity. EMBO Molecular Medicine, 2022, 14, e13952.	6.9	16
5	A hundred spotlights on microbiology: how microorganisms shape our lives. Microbial Cell, 2022, 9, 72-79.	3.2	2
6	Effects of Spermidine Supplementation on Cognition and Biomarkers in Older Adults With Subjective Cognitive Decline. JAMA Network Open, 2022, 5, e2213875.	5.9	17
7	Fine-Tuning Cardiac Insulin-Like Growth Factor 1 Receptor Signaling to Promote Health and Longevity. Circulation, 2022, 145, 1853-1866.	1.6	29
8	Correction: Effects of spermidine supplementation on cognition and biomarkers in older adults with subjective cognitive decline (SmartAge)â€"study protocol for a randomized controlled trial. Alzheimer's Research and Therapy, 2022, 14, .	6.2	1
9	Assessing autophagic flux in yeast. Methods in Cell Biology, 2021, 164, 73-94.	1.1	1
10	Nicotinamide for the treatment of heart failure with preserved ejection fraction. Science Translational Medicine, 2021, 13, .	12.4	109
11	Oral administration of Akkermansia muciniphila elevates systemic antiaging and anticancer metabolites. Aging, 2021, 13, 6375-6405.	3.1	75
12	Spermidine supplementation in rare translation associated disorders. Cell Stress, 2021, 5, 29-32.	3.2	4
13	Dietary spermidine improves cognitive function. Cell Reports, 2021, 35, 108985.	6.4	98
14	eIF5A hypusination, boosted by dietary spermidine, protects from premature brain aging and mitochondrial dysfunction. Cell Reports, 2021, 35, 108941.	6.4	56
15	Spermidine-induced hypusination preserves mitochondrial and cognitive function during aging. Autophagy, 2021, 17, 2037-2039.	9.1	35
16	IGF1 receptor inhibition amplifies the effects of cancer drugs by autophagy and immune-dependent mechanisms. , 2021, 9, e002722.		40
17	Effects of acyl-coenzyme A binding protein (ACBP)/diazepam-binding inhibitor (DBI) on body mass index. Cell Death and Disease, 2021, 12, 599.	6.3	13
18	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	7.8	615

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19	Caloric Restriction Mimetics in Nutrition and Clinical Trials. Frontiers in Nutrition, 2021, 8, 717343.	3.7	52
20	Circulating acetylated polyamines correlate with Covid-19 severity in cancer patients. Aging, 2021, 13, 20860-20885.	3.1	9
21	Novel aspects of age-protection by spermidine supplementation are associated with preserved telomere length. GeroScience, 2021, 43, 673-690.	4.6	18
22	Murals meet microbes: at the crossroads of microbiology and cultural heritage. Microbial Cell, 2021, 8, 276-279.	3.2	1
23	The NADH Dehydrogenase Nde1 Executes Cell Death after Integrating Signals from Metabolism and Proteostasis on the Mitochondrial Surface. Molecular Cell, 2020, 77, 189-202.e6.	9.7	39
24	A discovery platform for the identification of caloric restriction mimetics with broad health-improving effects. Autophagy, 2020, 16, 188-189.	9.1	21
25	Acyl-CoA-binding protein (ACBP): a phylogenetically conserved appetite stimulator. Cell Death and Disease, 2020, 11, 7.	6.3	34
26	Isobacachalcone induces autophagy and improves the outcome of immunogenic chemotherapy. Cell Death and Disease, 2020, 11, 1015.	6.3	17
27	Transcriptional and epigenetic control of regulated cell death in yeast. International Review of Cell and Molecular Biology, 2020, 352, 55-82.	3.2	1
28	Chemical activation of SAT1 corrects diet-induced metabolic syndrome. Cell Death and Differentiation, 2020, 27, 2904-2920.	11.2	22
29	Spermidine supplementation and voluntary activity differentially affect obesity-related structural changes in the mouse lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L312-L324.	2.9	5
30	Triethylenetetramine (trientine): a caloric restriction mimetic with a new mode of action. Autophagy, 2020, 16, 1534-1536.	9.1	8
31	Classification and Nomenclature of Metacaspases and Paracaspases: No More Confusion with Caspases. Molecular Cell, 2020, 77, 927-929.	9.7	71
32	Nutritional Aspects of Spermidine. Annual Review of Nutrition, 2020, 40, 135-159.	10.1	55
33	Autophagy in cardiovascular health and disease. Progress in Molecular Biology and Translational Science, 2020, 172, 87-106.	1.7	35
34	ACBP is an appetite stimulator across phylogenetic barriers. Cell Stress, 2020, 4, 27-29.	3.2	7
35	Digesting the crisis: autophagy and coronaviruses. Microbial Cell, 2020, 7, 119-128.	3.2	59
36	Fungal infections in humans: the silent crisis. Microbial Cell, 2020, 7, 143-145.	3.2	168

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37	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. Cell Metabolism, 2019, 30, 754-767.e9.	16.2	67
38	4,4'Dimethoxychalcone: a natural flavonoid that promotes health through autophagy-dependent and -independent effects. Autophagy, 2019, 15, 1662-1664.	9.1	8
39	3,4â€Dimethoxychalcone induces autophagy through activation of the transcription factors <scp>TFE</scp> 3 and <scp>TFEB</scp>. EMBO Molecular Medicine, 2019, 11, e10469.	6.9	45
40	Alternate Day Fasting Improves Physiological and Molecular Markers of Aging in Healthy, Non-obese Humans. Cell Metabolism, 2019, 30, 462-476.e6.	16.2	256
41	Cardioprotection by spermidine does not depend on structural characteristics of the myocardial microcirculation in aged mice. Experimental Gerontology, 2019, 119, 82-88.	2.8	5
42	Targeting GATA transcription factors â€“ a novel strategy for anti-aging interventions?. Microbial Cell, 2019, 6, 212-216.	3.2	6
43	Astaxanthin exerts protective effects similar to bexarotene in Alzheimer's disease by modulating amyloid-beta and cholesterol homeostasis in blood-brain barrier endothelial cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2224-2245.	3.8	26
44	Aspirin impairs acetyl-coenzyme A metabolism in redox-compromised yeast cells. Scientific Reports, 2019, 9, 6152.	3.3	5
45	Effects of spermidine supplementation on cognition and biomarkers in older adults with subjective cognitive decline (SmartAge)â€”study protocol for a randomized controlled trial. Alzheimer's Research and Therapy, 2019, 11, 36.	6.2	74
46	Autophagy within the mushroom body protects from synapse aging in a non-cell autonomous manner. Nature Communications, 2019, 10, 1318.	12.8	53
47	Caloric Restriction Mimetics against Age-Associated Disease: Targets, Mechanisms, and Therapeutic Potential. Cell Metabolism, 2019, 29, 592-610.	16.2	394
48	The flavonoid 4,4â€²-dimethoxychalcone promotes autophagy-dependent longevity across species. Nature Communications, 2019, 10, 651.	12.8	100
49	Spermidine protects from age-related synaptic alterations at hippocampal mossy fiber-CA3 synapses. Scientific Reports, 2019, 9, 19616.	3.3	33
50	Reply to Gostner and Fuchs. American Journal of Clinical Nutrition, 2019, 109, 218-219.	4.7	1
51	Spermidine reduces cancer-related mortality in humans. Autophagy, 2019, 15, 362-365.	9.1	31
52	Spermidine: a physiological autophagy inducer acting as an anti-aging vitamin in humans?. Autophagy, 2019, 15, 165-168.	9.1	108
53	Acyl-CoA-binding protein (ACBP): the elusive â€˜hunger factorâ€™ linking autophagy to food intake. Cell Stress, 2019, 3, 312-318.	3.2	19
54	Î±-Ketoglutarate inhibits autophagy. Aging, 2019, 11, 3418-3431.	3.1	30

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55	The metabolomic signature of extreme longevity: naked mole rats versus mice. Aging, 2019, 11, 4783-4800.	3.1	43
56	Aspirin Recapitulates Features of Caloric Restriction. Cell Reports, 2018, 22, 2395-2407.	6.4	98
57	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
58	Spermidine in health and disease. Science, 2018, 359, .	12.6	616
59	Trans-Fats Inhibit Autophagy Induced by Saturated Fatty Acids. EBioMedicine, 2018, 30, 261-272.	6.1	31
60	Yeast as a tool to identify anti-aging compounds. FEMS Yeast Research, 2018, 18, .	2.3	74
61	Microbial wars: competition in ecological niches and within the microbiome. Microbial Cell, 2018, 5, 215-219.	3.2	189
62	Guidelines and recommendations on yeast cell death nomenclature. Microbial Cell, 2018, 5, 4-31.	3.2	158
63	The effect of spermidine on memory performance in older adults at risk for dementia: A randomized controlled trial. Cortex, 2018, 109, 181-188.	2.4	98
64	Safety and tolerability of spermidine supplementation in mice and older adults with subjective cognitive decline. Aging, 2018, 10, 19-33.	3.1	101
65	Spermidine delays aging in humans. Aging, 2018, 10, 2209-2211.	3.1	62
66	Carbotoxicityâ€"Noxious Effects of Carbohydrates. Cell, 2018, 175, 605-614.	28.9	82
67	Autophagy in Cardiovascular Aging. Circulation Research, 2018, 123, 803-824.	4.5	171
68	Studying Huntingtonâ€™s Disease in Yeast: From Mechanisms to Pharmacological Approaches. Frontiers in Molecular Neuroscience, 2018, 11, 318.	2.9	23
69	Higher spermidine intake is linked to lower mortality: a prospective population-based study. American Journal of Clinical Nutrition, 2018, 108, 371-380.	4.7	150
70	Intermittent Fasting (Alternate Day Fasting) in Healthy, Non-obese Adults: Protocol for a Cohort Trial with an Embedded Randomized Controlled Pilot Trial. Advances in Therapy, 2018, 35, 1265-1283.	2.9	15
71	Diacylglycerol triggers Rim101 pathwayâ€"dependent necrosis in yeast: a model for lipotoxicity. Cell Death and Differentiation, 2018, 25, 767-783.	11.2	22
72	Cardioprotective effects of autophagy induction in sepsis. Annals of Translational Medicine, 2018, 6, S61-S61.	1.7	7

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73	New perspectives from South-Y-East, not all about death A report of the 12th International Meeting on Yeast Apoptosis in Bari, Italy, May 14th-18th, 2017. Microbial Cell, 2018, 5, 112-115.	3.2	0
74	Metabolic effects of fasting on human and mouse blood in vivo. Autophagy, 2017, 13, 567-578.	9.1	75
75	Dietary spermidine for lowering high blood pressure. Autophagy, 2017, 13, 767-769.	9.1	63
76	Methods to Assess Autophagy and Chronological Aging in Yeast. Methods in Enzymology, 2017, 588, 367-394.	1.0	20
77	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	7.8	1,230
78	Spermidine boosts autophagy to protect from synapse aging. Autophagy, 2017, 13, 444-445.	9.1	53
79	Cytosolic lipolysis and lipophagy: two sides of the same coin. Nature Reviews Molecular Cell Biology, 2017, 18, 671-684.	37.0	348
80	The neuroprotective steroid progesterone promotes mitochondrial uncoupling, reduces cytosolic calcium and augments stress resistance in yeast cells. Microbial Cell, 2017, 4, 191-199.	3.2	10
81	Mitochondrial energy metabolism is required for lifespan extension by the spastic paraplegia-associated protein spartin. Microbial Cell, 2017, 4, 411-422.	3.2	10
82	Cell Stress â€“ a new journal for cellular pathophysiology. Cell Stress, 2017, 1, 1-3.	3.2	0
83	Sexually transmitted infections: old foes on the rise. Microbial Cell, 2016, 3, 361-362.	3.2	17
84	Autophagy: one more Nobel Prize for yeast. Microbial Cell, 2016, 3, 579-581.	3.2	20
85	Spermidine Suppresses Age-Associated Memory Impairment by Preventing Adverse Increase of Presynaptic Active Zone Size and Release. PLoS Biology, 2016, 14, e1002563.	5.6	82
86	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. Cancer Cell, 2016, 30, 147-160.	16.8	410
87	The crucial impact of lysosomes in aging and longevity. Ageing Research Reviews, 2016, 32, 2-12.	10.9	200
88	Metabolic Control of Longevity. Cell, 2016, 166, 802-821.	28.9	591
89	Autophagy induction for the treatment of cancer. Autophagy, 2016, 12, 1962-1964.	9.1	50
90	Cardioprotection and lifespan extension by the natural polyamine spermidine. Nature Medicine, 2016, 22, 1428-1438.	30.7	801

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91	Magnetomitotransfer: An efficient way for direct mitochondria transfer into cultured human cells. Scientific Reports, 2016, 6, 35571.	3.3	38
92	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. Cell Metabolism, 2016, 23, 1093-1112.	16.2	360
93	Ethanolamine: A novel anti-aging agent. Molecular and Cellular Oncology, 2016, 3, e1019023.	0.7	4
94	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
95	Interventions to Slow Aging in Humans: Are We Ready?. Aging Cell, 2015, 14, 497-510.	6.7	481
96	Molecular and Translational Classifications of DAMPs in Immunogenic Cell Death. Frontiers in Immunology, 2015, 6, 588.	4.8	317
97	Acetyl Coenzyme A: A Central Metabolite and Second Messenger. Cell Metabolism, 2015, 21, 805-821.	16.2	963
98	Essential role for autophagy in life span extension. Journal of Clinical Investigation, 2015, 125, 85-93.	8.2	369
99	IPO: a tool for automated optimization of XCMS parameters. BMC Bioinformatics, 2015, 16, 118.	2.6	249
100	Unsaturated fatty acids induce nonâ€canonical autophagy. EMBO Journal, 2015, 34, 1025-1041.	7.8	147
101	Novel inducers of BECN1-independent autophagy:cis-unsaturated fatty acids. Autophagy, 2015, 11, 575-577.	9.1	13
102	Metabolomic analyses reveal that anti-aging metabolites are depleted by palmitate but increased by oleate in vivo. Cell Cycle, 2015, 14, 2399-2407.	2.6	27
103	Phosphatidylethanolamine positively regulates autophagy and longevity. Cell Death and Differentiation, 2015, 22, 499-508.	11.2	184
104	Accumulation of Basic Amino Acids at Mitochondria Dictates the Cytotoxicity of Aberrant Ubiquitin. Cell Reports, 2015, 10, 1557-1571.	6.4	52
105	A molecular mechanism for lipophagy regulation in the liver. Hepatology, 2015, 61, 1781-1783.	7.3	21
106	Endogenous Hydrogen Sulfide Production Is Essential for Dietary Restriction Benefits. Cell, 2015, 160, 132-144.	28.9	449
107	Spermidine induces autophagy by inhibiting the acetyltransferase EP300. Cell Death and Differentiation, 2015, 22, 509-516.	11.2	237
108	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	11.2	811

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109	Modeling non-hereditary mechanisms of Alzheimer disease during apoptosis in yeast. Microbial Cell, 2015, 2, 136-138.	3.2	8
110	The peptidyl prolyl cis/trans isomerase Pin1/Ess1 inhibits phosphorylation and toxicity of tau in a yeast model for Alzheimerâ€™s disease. AIMS Molecular Science, 2015, 2, 144-160.	0.5	6
111	When less is more: hormesis against stress and disease. Microbial Cell, 2014, 1, 150-153.	3.2	37
112	Metabolites in aging and autophagy. Microbial Cell, 2014, 1, 110-114.	3.2	15
113	Consensus guidelines for the detection of immunogenic cell death. OncoImmunology, 2014, 3, e955691.	4.6	686
114	Spermidine-triggered autophagy ameliorates memory during aging. Autophagy, 2014, 10, 178-179.	9.1	62
115	A histone point mutation that switches on autophagy. Autophagy, 2014, 10, 1143-1145.	9.1	18
116	Acetyl-coenzyme A. Autophagy, 2014, 10, 1335-1337.	9.1	42
117	Lifespan Extension by Methionine Restriction Requires Autophagy-Dependent Vacuolar Acidification. PLoS Genetics, 2014, 10, e1004347.	3.5	192
118	Coffee induces autophagy in vivo. Cell Cycle, 2014, 13, 1987-1994.	2.6	49
119	Spermidine protects against Î±-synuclein neurotoxicity. Cell Cycle, 2014, 13, 3903-3908.	2.6	132
120	Caloric restriction mimetics: natural/physiological pharmacological autophagy inducers. Autophagy, 2014, 10, 1879-1882.	9.1	91
121	Dimethyl Î±-ketoglutarate inhibits maladaptive autophagy in pressure overload-induced cardiomyopathy. Autophagy, 2014, 10, 930-932.	9.1	45
122	Methionine restriction slows down senescence in human diploid fibroblasts. Aging Cell, 2014, 13, 1038-1048.	6.7	47
123	Nucleocytosolic Depletion of the Energy Metabolite Acetyl-Coenzyme A Stimulates Autophagy and Prolongs Lifespan. Cell Metabolism, 2014, 19, 431-444.	16.2	221
124	Regulation of Autophagy by Cytosolic Acetyl-Coenzyme A. Molecular Cell, 2014, 53, 710-725.	9.7	412
125	Amyloid-Î² Peptide Induces Mitochondrial Dysfunction by Inhibition of Preprotein Maturation. Cell Metabolism, 2014, 20, 662-669.	16.2	176
126	Caloric restriction mimetics: towards a molecular definition. Nature Reviews Drug Discovery, 2014, 13, 727-740.	46.4	200

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127	Polyamines in biological samples: Rapid and robust quantification by solid-phase extraction online-coupled to liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2014, 1331, 44-51.	3.7	65
128	The Search for Antiaging Interventions: From Elixirs to Fasting Regimens. Cell, 2014, 157, 1515-1526.	28.9	302
129	Immunogenic calreticulin exposure occurs through a phylogenetically conserved stress pathway involving the chemokine CXCL8. Cell Death and Differentiation, 2014, 21, 59-68.	11.2	83
130	One cell, one love: a journal for microbial research. Microbial Cell, 2014, 1, 1-5.	3.2	4
131	Autophagy extends lifespan via vacuolar acidification. Microbial Cell, 2014, 1, 160-162.	3.2	13
132	Yeast between life and death: a summary of the Ninth International Meeting on Yeast Apoptosis in Rome, Italy, 17â€“20 September 2012. Cell Death and Differentiation, 2013, 20, 1281-1283.	11.2	0
133	Restoring polyamines protects from age-induced memory impairment in an autophagy-dependent manner. Nature Neuroscience, 2013, 16, 1453-1460.	14.8	283
134	Cell death pathways. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3447.	4.1	1
135	The Ca2+/Mn2+ ion-pump PMR1 links elevation of cytosolic Ca2+ levels to Î±-synuclein toxicity in Parkinsonâ€™s disease models. Cell Death and Differentiation, 2013, 20, 465-477.	11.2	76
136	Spermidine promotes mating and fertilization efficiency in model organisms. Cell Cycle, 2013, 12, 346-352.	2.6	29
137	Yeast Programed Cell Death and Aging. Frontiers in Oncology, 2013, 3, 283.	2.8	14
138	Endonuclease G mediates Î±-synuclein cytotoxicity during Parkinson's disease. EMBO Journal, 2013, 32, 3041-3054.	7.8	71
139	The cell death protease Kex1p is essential for hypochlorite-induced apoptosis in yeast. Cell Cycle, 2013, 12, 1704-1712.	2.6	23
140	A higher spirit: avoiding yeast suicide during alcoholic fermentation. Cell Death and Differentiation, 2012, 19, 913-914.	11.2	19
141	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.	7.1	126
142	Independent transcriptional reprogramming and apoptosis induction by cisplatin. Cell Cycle, 2012, 11, 3472-3480.	2.6	32
143	Friend or food. Autophagy, 2012, 8, 995-996.	9.1	4
144	14-3-3 Protects against stress-induced apoptosis. Cell Death and Disease, 2012, 3, e348-e348.	6.3	52

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145	C16 ceramide is crucial for triacylglycerol-induced apoptosis in macrophages. Cell Death and Disease, 2012, 3, e280-e280.	6.3	55
146	Inhibition of Autophagy Rescues Palmitic Acid-induced Necroptosis of Endothelial Cells. Journal of Biological Chemistry, 2012, 287, 21110-21120.	3.4	118
147	Identification of Autophagosome-associated Proteins and Regulators by Quantitative Proteomic Analysis and Genetic Screens. Molecular and Cellular Proteomics, 2012, 11, M111.014035.	3.8	118
148	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. Cell Reports, 2012, 2, 257-269.	6.4	122
149	Prognostic Impact of Vitamin B6 Metabolism in Lung Cancer. Cell Reports, 2012, 2, 1472.	6.4	0
150	An Immunosurveillance Mechanism Controls Cancer Cell Ploidy. Science, 2012, 337, 1678-1684.	12.6	367
151	When Death Was Young: An Ancestral Apoptotic Network in Bacteria. Molecular Cell, 2012, 46, 552-554.	9.7	15
152	FAT SIGNALS - Lipases and Lipolysis in Lipid Metabolism and Signaling. Cell Metabolism, 2012, 15, 279-291.	16.2	852
153	Spermidine promotes stress resistance in Drosophila melanogaster through autophagy-dependent and -independent pathways. Cell Death and Disease, 2012, 3, e401-e401.	6.3	83
154	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
155	Molecular definitions of cell death subroutines: recommendations of the Nomenclature Committee on Cell Death 2012. Cell Death and Differentiation, 2012, 19, 107-120.	11.2	2,144
156	Resveratrol induces antioxidant defence via transcription factor Yap1p. Yeast, 2012, 29, 251-263.	1.7	33
157	Sip18 hydrophilin prevents yeast cell death during desiccation stress. Journal of Applied Microbiology, 2012, 112, 512-525.	3.1	38
158	The yeast metacaspase is implicated in oxidative stress response in frataxinâ€deficient cells. FEBS Letters, 2012, 586, 143-148.	2.8	16
159	The metabolism beyond programmed cell death in yeast. Experimental Cell Research, 2012, 318, 1193-1200.	2.6	22
160	A yeast BH3-only protein mediates the mitochondrial pathway of apoptosis. EMBO Journal, 2011, 30, 2779-2792.	7.8	120
161	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.	3.4	80
162	The Role of Mitochondria in the Aging Processes of Yeast. Sub-Cellular Biochemistry, 2011, 57, 55-78.	2.4	43

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163	Programmed Necrosis. International Review of Cell and Molecular Biology, 2011, 289, 1-35.	3.2	132
164	ATGL-mediated fat catabolism regulates cardiac mitochondrial function via PPAR-Î± and PGC-1. Nature Medicine, 2011, 17, 1076-1085.	30.7	612
165	Spermidine and resveratrol induce autophagy by distinct pathways converging on the acetylproteome. Journal of Cell Biology, 2011, 192, 615-629.	5.2	439
166	Aggresome formation and segregation of inclusions influence toxicity of Î±-synuclein and synphilin-1 in yeast. Biochemical Society Transactions, 2011, 39, 1476-1481.	3.4	23
167	Polyamines in aging and disease. Aging, 2011, 3, 716-732.	3.1	376
168	The Antifungal Plant Defensin HsAFP1 from Heuchera Sanguinea Induces Apoptosis in Candida Albicans. Frontiers in Microbiology, 2011, 2, 47.	3.5	83
169	Autophagy for tissue homeostasis and neuroprotection. Current Opinion in Cell Biology, 2011, 23, 198-206.	5.4	182
170	Ceramide triggers metacaspase-independent mitochondrial cell death in yeast. Cell Cycle, 2011, 10, 3973-3978.	2.6	40
171	The propeptide of yeast cathepsin D inhibits programmed necrosis. Cell Death and Disease, 2011, 2, e161-e161.	6.3	55
172	Longevity-relevant regulation of autophagy at the level of the acetylproteome. Autophagy, 2011, 7, 647-649.	9.1	34
173	Triacylglycerol Accumulation Activates the Mitochondrial Apoptosis Pathway in Macrophages. Journal of Biological Chemistry, 2011, 286, 7418-7428.	3.4	66
174	p53 inhibits autophagy by interacting with the human ortholog of yeast Atg17, RB1CC1/FIP200. Cell Cycle, 2011, 10, 2763-2769.	2.6	131
175	Necrosis in yeast. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 257-268.	4.9	127
176	Nervous yeast: modeling neurotoxic cell death. Trends in Biochemical Sciences, 2010, 35, 135-144.	7.5	69
177	Ageing and eating. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 499-506.	4.1	29
178	Identification of evolutionarily conserved genetic regulators of cellular aging. Aging Cell, 2010, 9, 1084-1097.	6.7	57
179	Skn1 and Ipt1 negatively regulate autophagy inSaccharomyces cerevisiae. FEMS Microbiology Letters, 2010, 303, 163-168.	1.8	16
180	Killing and chilling in Graz. Cell Death and Differentiation, 2010, 17, 895-899.	11.2	0

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181	Metacaspases are caspases. Doubt no more. Cell Death and Differentiation, 2010, 17, 377-378.	11.2	77
182	Apoptosis in yeast: triggers, pathways, subroutines. Cell Death and Differentiation, 2010, 17, 763-773.	11.2	443
183	Cell death in yeast: growing applications of a dying buddy. Cell Death and Differentiation, 2010, 17, 733-734.	11.2	36
184	Can autophagy promote longevity?. Nature Cell Biology, 2010, 12, 842-846.	10.3	394
185	Spermidine: A novel autophagy inducer and longevity elixir. Autophagy, 2010, 6, 160-162.	9.1	147
186	Interdependent regulation of p53 and miR-34a in chronic lymphocytic leukemia. Cell Cycle, 2010, 9, 2836-2840.	2.6	116
187	Cell cycle control of cell death in yeast. Cell Cycle, 2010, 9, 4052-4051.	2.6	8
188	Fatty acids trigger mitochondrion-dependent necrosis. Cell Cycle, 2010, 9, 2908-2914.	2.6	71
189	Caloric restriction and resveratrol promote longevity through the Sirtuin-1-dependent induction of autophagy. Cell Death and Disease, 2010, 1, e10-e10.	6.3	518
190	A Stress-Responsive System for Mitochondrial Protein Degradation. Molecular Cell, 2010, 40, 465-480.	9.7	275
191	The life span-prolonging effect of Sirtuin-1 is mediated by autophagy. Autophagy, 2010, 6, 186-188.	9.1	127
192	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.	2.5	36
193	The sweet taste of death: glucose triggers apoptosis during yeast chronological aging. Aging, 2010, 2, 643-649.	3.1	23
194	The Warburg Effect Suppresses Oxidative Stress Induced Apoptosis in a Yeast Model for Cancer. PLoS ONE, 2009, 4, e4592.	2.5	96
195	Phylogenetic conservation of the preapoptotic calreticulin exposure pathway from yeast to mammals. Cell Cycle, 2009, 8, 639-642.	2.6	23
196	Tracing the Roots of Death: Apoptosis in Saccharomyces cerevisiae. , 2009, , 325-354.		4
197	Viral subversion of immunogenic cell death. Cell Cycle, 2009, 8, 860-869.	2.6	60
198	Autophagy for the avoidance of neurodegeneration. Genes and Development, 2009, 23, 2253-2259.	5.9	91

#	Article	IF	Citations
199	Mitochondrial dysfunction leads to reduced chronological lifespan and increased apoptosis in yeast. FEBS Letters, 2009, 583, 113-117.	2.8	63
200	The antifungal plant defensin RsAFP2 from radish induces apoptosis in a metacaspase independent way in Candida albicans. FEBS Letters, 2009, 583, 2513-2516.	2.8	113
201	Yeast protein expression profile during acetic acidâ€induced apoptosis indicates causal involvement of the TOR pathway. Proteomics, 2009, 9, 720-732.	2.2	82
202	Mechanisms of pre-apoptotic calreticulin exposure in immunogenic cell death. EMBO Journal, 2009, 28, 578-590.	7.8	683
203	Another way to get rid of fat. Nature, 2009, 458, 1118-1119.	27.8	44
204	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. Cell Death and Differentiation, 2009, 16, 1093-1107.	11.2	599
205	Caspase-dependent and caspase-independent cell death pathways in yeast. Biochemical and Biophysical Research Communications, 2009, 382, 227-231.	2.1	132
206	Intricate Links between ER Stress and Apoptosis. Molecular Cell, 2009, 33, 669-670.	9.7	35
207	Induction of autophagy by spermidine promotes longevity. Nature Cell Biology, 2009, 11, 1305-1314.	10.3	1,302
208	The mitochondrial ribosomal protein of the large subunit, Afo1p, determines cellular longevity through mitochondrial back-signaling via TOR1. Aging, 2009, 1, 622-636.	3.1	81
209	Autophagy mediates pharmacological lifespan extension by spermidineand resveratrol. Aging, 2009, 1, 961-970.	3.1	180
210	Ydc1p ceramidase triggers organelle fragmentation, apoptosis and accelerated ageing in yeast. Cellular and Molecular Life Sciences, 2008, 65, 1933-1942.	5.4	56
211	No death without life: vital functions of apoptotic effectors. Cell Death and Differentiation, 2008, 15, 1113-1123.	11.2	221
212	Regulation of autophagy by cytoplasmic p53. Nature Cell Biology, 2008, 10, 676-687.	10.3	1,025
213	Loss of peroxisome function triggers necrosis. FEBS Letters, 2008, 582, 2882-2886.	2.8	52
214	Absence of the peroxiredoxin Pmp20 causes peroxisomal protein leakage and necrotic cell death. Free Radical Biology and Medicine, 2008, 45, 1115-1124.	2.9	55
215	Preface to the special issue: Apoptosis in yeast. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1271.	4.1	3
216	Apoptotic death of ageing yeast. Experimental Gerontology, 2008, 43, 876-881.	2.8	76

#	Article	IF	Citations
217	The co-translocation of ERp57 and calreticulin determines the immunogenicity of cell death. Cell Death and Differentiation, 2008, 15, 1499-1509.	11.2	298
218	Caspase-dependent and -independent lipotoxic cell-death pathways in fission yeast. Journal of Cell Science, 2008, 121, 2671-2684.	2.0	39
219	Functional Mitochondria Are Required for Î±-Synuclein Toxicity in Aging Yeast. Journal of Biological Chemistry, 2008, 283, 7554-7560.	3.4	121
220	The use of genetically engineered model systems for research on human aging. Frontiers in Bioscience - Landmark, 2008, Volume, 7022.	3.0	9
221	NO-mediated apoptosis in yeast. Journal of Cell Science, 2007, 120, 3279-3288.	2.0	114
222	Depletion of Endonuclease G Selectively Kills Polyploid Cells. Cell Cycle, 2007, 6, 1072-1076.	2.6	29
223	Endonuclease G Regulates Budding Yeast Life and Death. Molecular Cell, 2007, 25, 233-246.	9.7	305
224	The mitochondrial pathway in yeast apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 1011-1023.	4.9	194
225	MMI1 (YKL056c, TMA19), the yeast orthologue of the translationally controlled tumor protein (TCTP) has apoptotic functions and interacts with both microtubules and mitochondria. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 631-638.	1.0	95
226	Why yeast cells can undergo apoptosis: death in times of peace, love, and war. Journal of Cell Biology, 2006, 175, 521-525.	5.2	168
227	The inhibitor-of-apoptosis protein Bir1p protects against apoptosis in S. cerevisiae and is a substrate for the yeast homologue of Omi/HtrA2. Journal of Cell Science, 2006, 119, 1843-1851.	2.0	124
228	Yeast Unravels Epigenetic Apoptosis Control: Deadly Chat within a Histone Tail. Molecular Cell, 2006, 24, 167-169.	9.7	10
229	Evidence for ORC-dependent repression of budding yeast genes induced by starvation and other stresses. FEMS Yeast Research, 2006, 6, 763-776.	2.3	17
230	Defects in N-glycosylation induce apoptosis in yeast. Molecular Microbiology, 2006, 59, 765-778.	2.5	103
231	Physical interaction of apoptosis-inducing factor with DNA and RNA. Oncogene, 2006, 25, 1763-1774.	5.9	47
232	Apoptosis-inducing factor: vital and lethal. Trends in Cell Biology, 2006, 16, 264-272.	7.9	291
233	Differential Analysis of Saccharomyces cerevisiae Mitochondria by Free Flow Electrophoresis. Molecular and Cellular Proteomics, 2006, 5, 2185-2200.	3.8	56
234	Crucial Mitochondrial Impairment upon CDC48 Mutation in Apoptotic Yeast. Journal of Biological Chemistry, 2006, 281, 25757-25767.	3.4	74

#	Article	IF	Citations
235	Isolation of quiescent and nonquiescent cells from yeast stationary-phase cultures. Journal of Cell Biology, 2006, 174, 89-100.	5.2	280
236	Glutamate receptor dynamics organizing synapse formation in vivo. Nature Neuroscience, 2005, 8, 898-905.	14.8	180
237	Prostaglandin D2 induces programmed cell death in Trypanosoma brucei bloodstream form. Cell Death and Differentiation, 2005, 12, 335-346.	11.2	81
238	Yeast caspase 1 links messenger RNA stability to apoptosis in yeast. EMBO Reports, 2005, 6, 1076-1081.	4.5	94
239	High throughput functional genomics: Identification of novel genes with tumor suppressor phenotypes. International Journal of Cancer, 2005, 113, 434-439.	5.1	16
240	A comparison of the aging and apoptotic transcriptome of. FEMS Yeast Research, 2005, 5, 1261-1272.	2.3	55
241	Viral killer toxins induce caspase-mediated apoptosis in yeast. Journal of Cell Biology, 2005, 168, 353-358.	5.2	142
242	A Glutamate Receptor-Interacting Protein homolog organizes muscle guidance in Drosophila. Genes and Development, 2004, 18, 223-237.	5.9	53
243	An AIF orthologue regulates apoptosis in yeast. Journal of Cell Biology, 2004, 166, 969-974.	5.2	359
244	Aged mother cells of Saccharomyces cerevisiae show markers of oxidative stress and apoptosis. Molecular Microbiology, 2004, 39, 1166-1173.	2.5	377
245	AIF deficiency compromises oxidative phosphorylation. EMBO Journal, 2004, 23, 4679-4689.	7.8	576
246	Chronological aging leads to apoptosis in yeast. Journal of Cell Biology, 2004, 164, 501-507.	5.2	502
247	Yeast Lacking theSRO7/SOP1-encoded Tumor Suppressor Homologue Show Increased Susceptibility to Apoptosis-like Cell Death on Exposure to NaCl Stress. Molecular Biology of the Cell, 2004, 15, 1436-1444.	2.1	78
248	Apoptosis in yeast. Current Opinion in Microbiology, 2004, 7, 655-660.	5.1	272
249	A mutant in the essential gene shows phenotypic markers of apoptosis. FEMS Yeast Research, 2003, 4, 29-35.	2.3	21
250	A Truncated Form of KlLsm4p and the Absence of Factors Involved in mRNA Decapping Trigger Apoptosis in Yeast. Molecular Biology of the Cell, 2003, 14, 721-729.	2.1	74
251	A Caspase-Related Protease Regulates Apoptosis in Yeast. Molecular Cell, 2002, 9, 911-917.	9.7	801
252	Comment on Severin, F.F., and Hyman, A.A. (2002). Pheromone Induces Programmed Cell Death in S. cerevisiae. Curr. Biol. 12, R233â€“R235. Current Biology, 2002, 12, R445.	3.9	7

#	Article	IF	Citations
253	Apoptosis in yeast: a new model system with applications in cell biology and medicine. Current Genetics, 2002, 41, 208-216.	1.7	164
254	The Proteasomal Substrate Stm1 Participates in Apoptosis-like Cell Death in Yeast. Molecular Biology of the Cell, 2001, 12, 2422-2432.	2.1	73
255	Aged Yeast Mother Cells Show Markers of Apoptosis. Scientific World Journal, The, 2001, 1, 141-141.	2.1	2
256	Apoptosis in yeast: a new model for aging research. Experimental Gerontology, 2001, 37, 27-31.	2.8	47
257	Aged mother cells of Saccharomyces cerevisiae show markers of oxidative stress and apoptosis. Molecular Microbiology, 2001, 39, 1166-1173.	2.5	12
258	Aged yeast mother cells show markers of apoptosis. Scientific World Journal, The, 2001, 1, 141-141.	2.1	0
259	Apoptosis in yeast - a monocellular organism exhibits altruistic behaviour. FEBS Letters, 2000, 473, 6-9.	2.8	182
260	Oxygen Stress: A Regulator of Apoptosis in Yeast. Journal of Cell Biology, 1999, 145, 757-767.	5.2	963
261	Mammalian Bax triggers apoptotic changes in yeast. FEBS Letters, 1998, 438, 61-65.	2.8	180
262	Tyrosine Phosphorylation Regulates Cell Cycle-dependent Nuclear Localization of Cdc48p. Molecular Biology of the Cell, 1998, 9, 131-141.	2.1	121
263	Identification of the regions of porcine VCP preventing its function in Saccharomyces cerevisiae. Gene, 1997, 204, 145-151.	2.2	20
264	A Yeast Mutant Showing Diagnostic Markers of Early and Late Apoptosis. Journal of Cell Biology, 1997, 139, 729-734.	5.2	740
265	The Yeast AIF Homolog Nde1 Integrates Signals from Metabolism and Proteostasis on the Mitochondrial Surface and Executes Cell Death. SSRN Electronic Journal, 0, , .	0.4	0