

Paula Ludovico

List of Publications by Citations

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78
papers

7,233
citations

29
h-index

85
g-index

85
ext. papers

8,143
ext. citations

5.1
avg, IF

4.84
L-index

#	Paper	IF	Citations
78	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
77	<i>Saccharomyces cerevisiae</i> commits to a programmed cell death process in response to acetic acid. <i>Microbiology (United Kingdom)</i> , 2001 , 147, 2409-2415	2.9	418
76	An AIF orthologue regulates apoptosis in yeast. <i>Journal of Cell Biology</i> , 2004 , 166, 969-74	7.3	328
75	Cytochrome c release and mitochondria involvement in programmed cell death induced by acetic acid in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2002 , 13, 2598-606	3.5	310
74	Caloric restriction or catalase inactivation extends yeast chronological lifespan by inducing H ₂ O ₂ and superoxide dismutase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 15123-8	11.5	208
73	Hyperosmotic stress induces metacaspase- and mitochondria-dependent apoptosis in <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2005 , 58, 824-34	4.1	145
72	Assessment of mitochondrial membrane potential in yeast cell populations by flow cytometry. <i>Microbiology (United Kingdom)</i> , 2001 , 147, 3335-43	2.9	105
71	SNCA (Synuclein)-induced toxicity in yeast cells is dependent on sirtuin 2 (Sir2)-mediated mitophagy. <i>Autophagy</i> , 2012 , 8, 1494-509	10.2	102
70	NO-mediated apoptosis in yeast. <i>Journal of Cell Science</i> , 2007 , 120, 3279-88	5.3	96
69	Guidelines and recommendations on yeast cell death nomenclature. <i>Microbial Cell</i> , 2018 , 5, 4-31	3.9	96
68	Growth signaling promotes chronological aging in budding yeast by inducing superoxide anions that inhibit quiescence. <i>Aging</i> , 2010 , 2, 709-26	5.6	84
67	Isc1p plays a key role in hydrogen peroxide resistance and chronological lifespan through modulation of iron levels and apoptosis. <i>Molecular Biology of the Cell</i> , 2008 , 19, 865-76	3.5	79
66	Yeast protein expression profile during acetic acid-induced apoptosis indicates causal involvement of the TOR pathway. <i>Proteomics</i> , 2009 , 9, 720-32	4.8	71
65	Yeast programmed cell death: an intricate puzzle. <i>IUBMB Life</i> , 2005 , 57, 129-35	4.7	55
64	Dysregulation of autophagy and stress granule-related proteins in stress-driven Tau pathology. <i>Cell Death and Differentiation</i> , 2019 , 26, 1411-1427	12.7	55
63	Nitric oxide signaling is disrupted in the yeast model for Batten disease. <i>Molecular Biology of the Cell</i> , 2007 , 18, 2755-67	3.5	53
62	Drug-induced apoptosis in yeast. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008 , 1783, 1436-48	4.9	50

61	Cdc42p controls yeast-cell shape and virulence of <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 2009 , 46, 919-26	3.9	49
60	Towards a molecular genetic system for the pathogenic fungus <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 2007 , 44, 1387-98	3.9	48
59	Acetic acid induces a programmed cell death process in the food spoilage yeast <i>Zygosaccharomyces bailii</i> . <i>FEMS Yeast Research</i> , 2003 , 3, 91-6	3.1	47
58	Reactive oxygen species, ageing and the hormesis police. <i>FEMS Yeast Research</i> , 2014 , 14, 33-9	3.1	46
57	Low auxotrophy-complementing amino acid concentrations reduce yeast chronological life span. <i>Mechanisms of Ageing and Development</i> , 2007 , 128, 383-91	5.6	39
56	Multiplex PCR identification of eight clinically relevant <i>Candida</i> species. <i>Medical Mycology</i> , 2007 , 45, 619-27	3.7	38
55	Bioresorbable ureteral stents from natural origin polymers. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 608-17	3.5	37
54	Genome size and ploidy of <i>Paracoccidioides brasiliensis</i> reveals a haploid DNA content: flow cytometry and GP43 sequence analysis. <i>Fungal Genetics and Biology</i> , 2007 , 44, 25-31	3.9	37
53	Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is a specific substrate of yeast metacaspase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011 , 1813, 2044-9	4.9	35
52	The rs5743836 polymorphism in TLR9 confers a population-based increased risk of non-Hodgkin lymphoma. <i>Genes and Immunity</i> , 2012 , 13, 197-201	4.4	32
51	Energy conversion coupled to cyanide-resistant respiration in the yeasts <i>Pichia membranifaciens</i> and <i>Debaryomyces hansenii</i> . <i>FEMS Yeast Research</i> , 2003 , 3, 141-8	3.1	32
50	The C allele of rs5743836 polymorphism in the human TLR9 promoter links IL-6 and TLR9 up-regulation and confers increased B-cell proliferation. <i>PLoS ONE</i> , 2011 , 6, e28256	3.7	32
49	The fate of acetic acid during glucose co-metabolism by the spoilage yeast <i>Zygosaccharomyces bailii</i> . <i>PLoS ONE</i> , 2012 , 7, e52402	3.7	28
48	Expressing and functional analysis of mammalian apoptotic regulators in yeast. <i>Cell Death and Differentiation</i> , 2010 , 17, 737-45	12.7	27
47	Lipocalin-2 regulates adult neurogenesis and contextual discriminative behaviours. <i>Molecular Psychiatry</i> , 2018 , 23, 1031-1039	15.1	26
46	pH homeostasis links the nutrient sensing PKA/TORC1/Sch9 pathway to stress tolerance and longevity. <i>Microbial Cell</i> , 2018 , 5, 119-136	3.9	26
45	Longevity pathways and maintenance of the proteome: the role of autophagy and mitophagy during yeast ageing. <i>Microbial Cell</i> , 2014 , 1, 118-127	3.9	25
44	Metal stress induces programmed cell death in aquatic fungi. <i>Aquatic Toxicology</i> , 2009 , 92, 264-70	5.1	25

43	Targeting Metabolic Reprogramming in Acute Myeloid Leukemia. <i>Cells</i> , 2019 , 8,	7.9	24
42	Proteomic analysis of the action of the <i>Mycobacterium ulcerans</i> toxin mycolactone: targeting host cells cytoskeleton and collagen. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e3066	4.8	24
41	Accumulation of non-superoxide anion reactive oxygen species mediates nitrogen-limited alcoholic fermentation by <i>Saccharomyces cerevisiae</i> . <i>Applied and Environmental Microbiology</i> , 2010 , 76, 7918-24	4.8	24
40	The roles played by <i>Aspergillus nidulans</i> apoptosis-inducing factor (AIF)-like mitochondrial oxidoreductase (AifA) and NADH-ubiquinone oxidoreductases (NdeA-B and NdiA) in farnesol resistance. <i>Fungal Genetics and Biology</i> , 2010 , 47, 1055-69	3.9	24
39	The spoilage yeast <i>Zygosaccharomyces bailii</i> forms mitotic spores: a screening method for haploidization. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 649-53	4.8	24
38	The bacterial exotoxin AIP56 induces fish macrophage and neutrophil apoptosis using mechanisms of the extrinsic and intrinsic pathways. <i>Fish and Shellfish Immunology</i> , 2011 , 30, 173-81	4.3	23
37	Cell sheet engineering using the stromal vascular fraction of adipose tissue as a vascularization strategy. <i>Acta Biomaterialia</i> , 2017 , 55, 131-143	10.8	22
36	An atypical active cell death process underlies the fungicidal activity of ciclopirox olamine against the yeast <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2007 , 7, 404-12	3.1	20
35	IL-17A Promotes Intracellular Growth of <i>Mycobacterium</i> by Inhibiting Apoptosis of Infected Macrophages. <i>Frontiers in Immunology</i> , 2015 , 6, 498	8.4	19
34	Yeast chronological lifespan and proteotoxic stress: is autophagy good or bad?. <i>Biochemical Society Transactions</i> , 2011 , 39, 1466-70	5.1	19
33	An alternative respiratory pathway on <i>Candida krusei</i> : implications on susceptibility profile and oxidative stress. <i>FEMS Yeast Research</i> , 2012 , 12, 423-9	3.1	18
32	Caloric restriction alleviates alpha-synuclein toxicity in aged yeast cells by controlling the opposite roles of Tor1 and Sir2 on autophagy. <i>Mechanisms of Ageing and Development</i> , 2017 , 161, 270-276	5.6	16
31	Yeast at the Forefront of Research on Ageing and Age-Related Diseases. <i>Progress in Molecular and Subcellular Biology</i> , 2019 , 58, 217-242	3	15
30	Exploitation of new chalcones and 4H-chromenes as agents for cancer treatment. <i>European Journal of Medicinal Chemistry</i> , 2018 , 157, 101-114	6.8	15
29	Involvement of yeast HSP90 isoforms in response to stress and cell death induced by acetic acid. <i>PLoS ONE</i> , 2013 , 8, e71294	3.7	15
28	DNA replication stress-induced loss of reproductive capacity in <i>S. cerevisiae</i> and its inhibition by caloric restriction. <i>Cell Cycle</i> , 2013 , 12, 1189-200	4.7	14
27	Synuclein toxicity in yeast and human cells is caused by cell cycle re-entry and autophagy degradation of ribonucleotide reductase 1. <i>Aging Cell</i> , 2019 , 18, e12922	9.9	13
26	<i>P. brasiliensis</i> virulence is affected by SconC, the negative regulator of inorganic sulfur assimilation. <i>PLoS ONE</i> , 2013 , 8, e74725	3.7	13

25	A twenty-year survey of dermatophytoses in Braga, Portugal. <i>International Journal of Dermatology</i> , 2006 , 45, 822-7	1.7	13
24	Acetic acid induces a programmed cell death process in the food spoilage yeast <i>Zygosaccharomyces bailii</i> . <i>FEMS Yeast Research</i> , 2003 , 3, 91-96	3.1	12
23	Proteolytic systems and AMP-activated protein kinase are critical targets of acute myeloid leukemia therapeutic approaches. <i>Oncotarget</i> , 2015 , 6, 31428-40	3.3	12
22	The antifungal plant defensin HsAFP1 induces autophagy, vacuolar dysfunction and cell cycle impairment in yeast. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020 , 1862, 183255	3.8	10
21	Signalling mechanisms that regulate metabolic profile and autophagy of acute myeloid leukaemia cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 4807-4817	5.6	10
20	Mitochondrial proteomics of the acetic acid - induced programmed cell death response in a highly tolerant - derived hybrid strain. <i>Microbial Cell</i> , 2016 , 3, 65-78	3.9	10
19	Increasing the Fungicidal Action of Amphotericin B by Inhibiting the Nitric Oxide-Dependent Tolerance Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 4064628	6.7	9
18	Linking cellular proteostasis to yeast longevity. <i>FEMS Yeast Research</i> , 2018 , 18,	3.1	9
17	Transcriptomic and chemogenomic analyses unveil the essential role of Com2-regulon in response and tolerance of to stress induced by sulfur dioxide. <i>Microbial Cell</i> , 2019 , 6, 509-523	3.9	9
16	Unravelling the anticancer potential of functionalized chromeno[2,3-b]pyridines for breast cancer treatment. <i>Bioorganic Chemistry</i> , 2020 , 100, 103942	5.1	9
15	Assessing Autophagy in Archived Tissue or How to Capture Autophagic Flux from a Tissue Snapshot. <i>Biology</i> , 2020 , 9,	4.9	8
14	The sensitivity of the yeast, , to acetic acid is influenced by and. <i>PeerJ</i> , 2017 , 5, e4037	3.1	8
13	Sirtuins and proteolytic systems: implications for pathogenesis of synucleinopathies. <i>Biomolecules</i> , 2015 , 5, 735-57	5.9	7
12	Functionality of the <i>Paracoccidioides</i> mating Pheromone-receptor system. <i>PLoS ONE</i> , 2012 , 7, e47033	3.7	7
11	Caloric restriction rescues yeast cells from alpha-synuclein toxicity through autophagic control of proteostasis. <i>Aging</i> , 2018 , 10, 3821-3833	5.6	7
10	AMPK in Pathogens. <i>Exs</i> , 2016 , 107, 287-323		5
9	Elucidating the mechanisms of action of parecoxib in the MG-63 osteosarcoma cell line. <i>Anti-Cancer Drugs</i> , 2020 , 31, 507-517	2.4	4
8	Morphological heterogeneity of <i>Paracoccidioides brasiliensis</i> : relevance of the Rho-like GTPase PbCDC42. <i>Medical Mycology</i> , 2012 , 50, 768-74	3.9	3

7	Erratum to Acetic acid induces a programmed cell death process in the food spoilage yeast <i>Zygosaccharomyces bailii</i> [FEMS Yeast Res. 3 (2003) 919-6]. <i>FEMS Yeast Research</i> , 2003 , 3, 449-450	3.1	2
6	Overeating yeast display fatty acid-induced necrotic cell death. <i>Cell Cycle</i> , 2010 , 9, 2929	4.7	1
5	Functional Genetic Variants in Are Associated with Acute Myeloid Leukemia. <i>Cancers</i> , 2021 , 13,	6.6	1
4	Yeast between life and death: a summary of the Ninth International Meeting on Yeast Apoptosis in Rome, Italy, 17-20 September 2012. <i>Cell Death and Differentiation</i> , 2013 , 20, 1281-3	12.7	
3	Microbial Programmed Necrosis: The Cost of Conflicts Between Stress and Metabolism 2014 , 253-274		
2	New perspectives from South-Y-East, not all about death. A report of the 12 International Meeting on Yeast Apoptosis in Bari, Italy, May 14th-18th, 2017. <i>Microbial Cell</i> , 2018 , 5, 112-115	3.9	
1	Innovative, integrative, and interactive in-class activity on metabolic regulation: Evaluating educational impacts. <i>Biochemistry and Molecular Biology Education</i> , 2021 , 49, 870-881	1.3	