

# Sandra Tenreiro

## List of Publications by Year in descending order

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57  
papers

4,321  
citations

117571

34  
h-index

161767

54  
g-index

59  
all docs

59  
docs citations

59  
times ranked

7455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	4.3	1,430
2	The YEASTRACT database: a tool for the analysis of transcription regulatory associations in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2006, 34, D446-D451.	6.5	421
3	Protein phosphorylation in neurodegeneration: friend or foe?. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 42.	1.4	203
4	YEASTRACT-DISCOVERER: new tools to improve the analysis of transcriptional regulatory associations in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2007, 36, D132-D136.	6.5	140
5	DJ-1 interactions with $\alpha$ -synuclein attenuate aggregation and cellular toxicity in models of Parkinson's disease. <i>Cell Death and Disease</i> , 2014, 5, e1350-e1350.	2.7	130
6	Phosphorylation Modulates Clearance of Alpha-Synuclein Inclusions in a Yeast Model of Parkinson's Disease. <i>PLoS Genetics</i> , 2014, 10, e1004302.	1.5	114
7	SNCA ( $\alpha$ -synuclein)-induced toxicity in yeast cells is dependent on Sir2-mediated mitophagy. <i>Autophagy</i> , 2012, 8, 1494-1509.	4.3	113
8	Expression of the AZR1 gene (ORF YGR224w), encoding a plasma membrane transporter of the major facilitator superfamily, is required for adaptation to acetic acid and resistance to azoles in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2000, 16, 1469-1481.	0.8	91
9	Harnessing the power of yeast to unravel the molecular basis of neurodegeneration. <i>Journal of Neurochemistry</i> , 2013, 127, 438-452.	2.1	82
10	FLR1 gene (ORF YBR008c) is required for benomyl and methotrexate resistance in <i>Saccharomyces cerevisiae</i> and its benomyl-induced expression is dependent on Pdr3 transcriptional regulator. <i>Yeast</i> , 1999, 15, 1595-1608.	0.8	78
11	Simple is good: yeast models of neurodegeneration. <i>FEMS Yeast Research</i> , 2010, 10, 970-979.	1.1	77
12	<i>Saccharomyces cerevisiae</i> Aqr1 Is an Internal-Membrane Transporter Involved in Excretion of Amino Acids. <i>Eukaryotic Cell</i> , 2004, 3, 1492-1503.	3.4	76
13	Dtr1p, a Multidrug Resistance Transporter of the Major Facilitator Superfamily, Plays an Essential Role in Spore Wall Maturation in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2002, 1, 799-810.	3.4	74
14	Visualization of cell-to-cell transmission of mutant huntingtin oligomers. <i>PLOS Currents</i> , 2011, 3, RRN1210.	1.4	74
15	AQR1 Gene (ORF YNL065w) Encodes a Plasma Membrane Transporter of the Major Facilitator Superfamily That Confers Resistance to Short-Chain Monocarboxylic Acids and Quinidine in <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2002, 292, 741-748.	1.0	73
16	(Poly)phenols protect from $\alpha$ -synuclein toxicity by reducing oxidative stress and promoting autophagy. <i>Human Molecular Genetics</i> , 2015, 24, 1717-1732.	1.4	66
17	The multidrug resistance transporters of the major facilitator superfamily, 6 years after disclosure of <i>Saccharomyces cerevisiae</i> genome sequence. <i>Journal of Biotechnology</i> , 2002, 98, 215-226.	1.9	65
18	From the baker to the bedside: yeast models of Parkinson's disease. <i>Microbial Cell</i> , 2015, 2, 262-279.	1.4	59

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19	<i>Thermus silvanus</i> sp. nov. and <i>Thermus chlorophilus</i> sp. nov., Two New Species Related to <i>Thermus ruber</i> but with Lower Growth Temperatures. <i>International Journal of Systematic Bacteriology</i> , 1995, 45, 633-639.	2.8	56
20	Parkinson Disease Mutant E46K Enhances $\alpha$ -Synuclein Phosphorylation in Mammalian Cell Lines, in Yeast, and in Vivo. <i>Journal of Biological Chemistry</i> , 2015, 290, 9412-9427.	1.6	52
21	Yeast models of Parkinson's disease-associated molecular pathologies. <i>Current Opinion in Genetics and Development</i> , 2017, 44, 74-83.	1.5	49
22	<i>Saccharomyces cerevisiae</i> Multidrug Resistance Transporter Qdr2 Is Implicated in Potassium Uptake, Providing a Physiological Advantage to Quinidine-Stressed Cells. <i>Eukaryotic Cell</i> , 2007, 6, 134-142.	3.4	48
23	Age-Related Macular Degeneration: Pathophysiology, Management, and Future Perspectives. <i>Ophthalmologica</i> , 2021, 244, 495-511.	1.0	48
24	<i>Thermonema rossianum</i> sp. nov., a New Thermophilic and Slightly Halophilic Species from Saline Hot Springs in Naples, Italy. <i>International Journal of Systematic Bacteriology</i> , 1997, 47, 122-126.	2.8	46
25	Transfer of extracellular vesicle-microRNA controls germinal center reaction and antibody production. <i>EMBO Reports</i> , 2020, 21, e48925.	2.0	46
26	<i>Saccharomyces cerevisiae</i> Multidrug Transporter Qdr2p (Yil121wp): Localization and Function as a Quinidine Resistance Determinant. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 2531-2537.	1.4	45
27	The yeast multidrug transporter Qdr3 (Ybr043c): localization and role as a determinant of resistance to quinidine, barbiturate, cisplatin, and bleomycin. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 952-959.	1.0	43
28	Inhibition of formation of $\alpha$ -synuclein inclusions by mannosylglycerate in a yeast model of Parkinson's disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4065-4072.	1.1	43
29	Transcriptional Activation of FLR1 Gene during <i>Saccharomyces cerevisiae</i> Adaptation to Growth with Benomyl: Role of Yap1p and Pdr3p. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 216-222.	1.0	40
30	Resistance and Adaptation to Quinidine in <i>Saccharomyces cerevisiae</i> : Role of QDR1 ( YIL120w ), Encoding a Plasma Membrane Transporter of the Major Facilitator Superfamily Required for Multidrug Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1528-1534.	1.4	40
31	Adaptive response to the antimalarial drug artesunate in yeast involves Pdr1p/Pdr3p-mediated transcriptional activation of the resistance determinants TPO1 and PDR5. <i>FEMS Yeast Research</i> , 2006, 6, 1130-1139.	1.1	38
32	Fatty Composition of the Species of the Genera <i>Thermus</i> and <i>Meiothermus</i> . <i>Systematic and Applied Microbiology</i> , 1996, 19, 303-311.	1.2	37
33	PLK2 Modulates $\alpha$ -Synuclein Aggregation in Yeast and Mammalian Cells. <i>Molecular Neurobiology</i> , 2013, 48, 854-862.	1.9	37
34	Yeast response and tolerance to polyamine toxicity involving the drug $\text{H}^+$ antiporter Qdr3 and the transcription factors Yap1 and Gcn4. <i>Microbiology (United Kingdom)</i> , 2011, 157, 945-956.	0.7	36
35	The effects of the novel A53E alpha-synuclein mutation on its oligomerization and aggregation. <i>Acta Neuropathologica Communications</i> , 2016, 4, 128.	2.4	35
36	Modulation of alpha-synuclein toxicity in yeast using a novel microfluidic-based gradient generator. <i>Lab on A Chip</i> , 2014, 14, 3949-3957.	3.1	33

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37	Yeast reveals similar molecular mechanisms underlying alpha- and beta-synuclein toxicity. <i>Human Molecular Genetics</i> , 2016, 25, 275-290.	1.4	29
38	Polar lipids and fatty acid composition of <i>Thermus</i> strains from New Zealand. <i>Antonie Van Leeuwenhoek</i> , 1994, 66, 357-363.	0.7	21
39	Transcriptomic Profiling of the <i>Saccharomyces cerevisiae</i> Response to Quinine Reveals a Glucose Limitation Response Attributable to Drug-Induced Inhibition of Glucose Uptake. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 5213-5223.	1.4	21
40	(Poly)phenol-digested metabolites modulate alpha-synuclein toxicity by regulating proteostasis. <i>Scientific Reports</i> , 2018, 8, 6965.	1.6	20
41	DNA:DNA hybridization and chemotaxonomic studies of <i>Thermus scotoductus</i> . <i>Research in Microbiology</i> , 1995, 146, 315-324.	1.0	19
42	High-throughput study of alpha-synuclein expression in yeast using microfluidics for control of local cellular microenvironment. <i>Biomicrofluidics</i> , 2012, 6, 014109.	1.2	11
43	Macular Vascular Imaging and Connectivity Analysis Using High-Resolution Optical Coherence Tomography. <i>Translational Vision Science and Technology</i> , 2022, 11, 2.	1.1	10
44	Phycocyanin protects against Alpha-Synuclein toxicity in yeast. <i>Journal of Functional Foods</i> , 2017, 38, 553-560.	1.6	9
45	Retinal Progression Biomarkers of Early and Intermediate Age-Related Macular Degeneration. <i>Life</i> , 2022, 12, 36.	1.1	9
46	Neuroprotection or Neurotoxicity of Illicit Drugs on Parkinson's Disease. <i>Life</i> , 2020, 10, 86.	1.1	8
47	Formation of Lipofuscin-Like Autofluorescent Granules in the Retinal Pigment Epithelium Requires Lysosome Dysfunction. , 2021, 62, 39.		6
48	Impaired Proteostasis Contributes to Renal Tubular Dysgenesis. <i>PLoS ONE</i> , 2011, 6, e20854.	1.1	6
49	Identification of novel protein phosphatases as modifiers of alpha-synuclein aggregation in yeast. <i>FEMS Yeast Research</i> , 2018, 18, .	1.1	4
50	The synthetic cannabinoid JWH-018 modulates <i>Saccharomyces cerevisiae</i> energetic metabolism. <i>FEMS Yeast Research</i> , 2019, 19, .	1.1	2
51	CORRELATION STUDY BETWEEN DRUSEN MORPHOLOGY AND FUNDUS AUTOFLUORESCENCE. <i>Retina</i> , 2021, 41, 555-562.	1.0	2
52	Choroidal Vascular Impairment in Intermediate Age-Related Macular Degeneration. <i>Diagnostics</i> , 2022, 12, 1290.	1.3	2
53	Analysis of Protein Oligomeric Species by Sucrose Gradients. <i>Methods in Molecular Biology</i> , 2016, 1449, 331-339.	0.4	1
54	A biophysical perspective on the unexplored mechanisms driving Parkinson's disease by amphetamine-like stimulants. <i>Neural Regeneration Research</i> , 2021, 16, 2213.	1.6	1

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55	A levedura como modelo para estudar as bases moleculares da doença de Parkinson. Revista Brasileira De Ciências Do Envelhecimento Humano, 2015, 12, .	0.0	1
56	Identification of targets and mechanisms of resistance to imatinib and quinine using a molecular systems biology approach. , 2011, , .		0
57	Integration of Single Cell Traps, Chemical Gradient Generator and Photosensors in a Microfluidic Platform for the Study of Alpha-Synuclein Toxicity in Yeast. Procedia Engineering, 2014, 87, 92-95.	1.2	0