

# Amparo Ruiz

## List of Publications by Year in descending order

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27  
papers

1,424  
citations

394421

19  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1609  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the Calcium-mediated Response to Alkaline Stress in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 43614-43624.	3.4	180
2	The transcriptional response to alkaline pH in <i>Saccharomyces cerevisiae</i> : evidence for calcium-mediated signalling. <i>Molecular Microbiology</i> , 2002, 46, 1319-1333.	2.5	174
3	Defining Breast Cancer Intrinsic Subtypes by Quantitative Receptor Expression. <i>Oncologist</i> , 2015, 20, 474-482.	3.7	145
4	Function and Regulation of the <i>Saccharomyces cerevisiae</i> ENA Sodium ATPase System. <i>Eukaryotic Cell</i> , 2007, 6, 2175-2183.	3.4	105
5	The Transcriptional Response of the Yeast Na <sup>+</sup> -ATPase ENA1 Gene to Alkaline Stress Involves Three Main Signaling Pathways*. <i>Journal of Biological Chemistry</i> , 2006, 281, 36632-36642.	3.4	80
6	Roles of two protein phosphatases, Reg1-Glc7 and Sit4, and glycogen synthesis in regulation of SNF1 protein kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6349-6354.	7.1	70
7	Regulation of ENA1 Na <sup>+</sup> -ATPase Gene Expression by the Ppz1 Protein Phosphatase Is Mediated by the Calcineurin Pathway. <i>Eukaryotic Cell</i> , 2003, 2, 937-948.	3.4	68
8	Transcriptional Profiling of the Protein Phosphatase 2C Family in Yeast Provides Insights into the Unique Functional Roles of Ptc1. <i>Journal of Biological Chemistry</i> , 2006, 281, 35057-35069.	3.4	59
9	The role of the Snf1 kinase in the adaptive response of <i>Saccharomyces cerevisiae</i> to alkaline pH stress. <i>Biochemical Journal</i> , 2012, 444, 39-49.	3.7	54
10	Moonlighting proteins Hal3 and Vhs3 form a heteromeric PPCDC with Ykl088w in yeast CoA biosynthesis. <i>Nature Chemical Biology</i> , 2009, 5, 920-928.	8.0	53
11	Direct Regulation of Genes Involved in Glucose Utilization by the Calcium/Calcineurin Pathway. <i>Journal of Biological Chemistry</i> , 2008, 283, 13923-13933.	3.4	52
12	Functional Characterization of the <i>Saccharomyces cerevisiae</i> VHS3 Gene. <i>Journal of Biological Chemistry</i> , 2004, 279, 34421-34430.	3.4	45
13	Role of protein phosphatases 2C on tolerance to lithium toxicity in the yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2006, 62, 263-277.	2.5	44
14	Normal Function of the Yeast TOR Pathway Requires the Type 2C Protein Phosphatase Ptc1. <i>Molecular and Cellular Biology</i> , 2009, 29, 2876-2888.	2.3	38
15	Ptc1 Protein Phosphatase 2C Contributes to Glucose Regulation of SNF1/AMP-activated Protein Kinase (AMPK) in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 31052-31058.	3.4	38
16	The role of the protein kinase A pathway in the response to alkaline pH stress in yeast. <i>Biochemical Journal</i> , 2011, 438, 523-533.	3.7	36
17	Heterotrimer-independent regulation of activation-loop phosphorylation of Snf1 protein kinase involves two protein phosphatases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8652-8657.	7.1	34
18	Functional Characterization of the Yeast Ppz1 Phosphatase Inhibitory Subunit Hal3. <i>Journal of Biological Chemistry</i> , 2004, 279, 42619-42627.	3.4	32

#	ARTICLE	IF	CITATIONS
19	A Role for the Ppz Ser/Thr Protein Phosphatases in the Regulation of Translation Elongation Factor 1B1±. <i>Journal of Biological Chemistry</i> , 2001, 276, 14829-14834.	3.4	30
20	The Ppz protein phosphatases regulate Trk-independent potassium influx in yeast. <i>FEBS Letters</i> , 2004, 578, 58-62.	2.8	19
21	Heterologous Expression Implicates a GATA Factor in Regulation of Nitrogen Metabolic Genes and Ion Homeostasis in the Halotolerant Yeast <i>Debaryomyces hansenii</i> . <i>Eukaryotic Cell</i> , 2006, 5, 1388-1398.	3.4	18
22	Modulation of Yeast Alkaline Cation Tolerance by Ypi1 Requires Calcineurin. <i>Genetics</i> , 2012, 190, 1355-1364.	2.9	14
23	Diffusion tensor imaging of articular cartilage using a navigated radial imaging spin-echo diffusion (RAISED) sequence. <i>European Radiology</i> , 2019, 29, 2598-2607.	4.5	13
24	Molecular analysis of a conditional hal3 vhs3 yeast mutant links potassium homeostasis with flocculation and invasiveness. <i>Fungal Genetics and Biology</i> , 2013, 53, 1-9.	2.1	9
25	A robust diffusion tensor model for clinical applications of MRI to cartilage. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1157-1164.	3.0	7
26	Accuracy of Ultrasound-Guided versus Landmark-Guided Intra-articular Injection for Rat Knee Joints. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2787-2796.	1.5	7
27	Reply to Aytakin et al.: Comment on "Accuracy of Ultrasound-Guided versus Landmark-Guided Intra-articular Injection for Rat Knee Joints". <i>Ultrasound in Medicine and Biology</i> , 2022, , .	1.5	0