Isabel RodrÃ-guez-Escudero

List of Publications by Year
in descending order

27 papers	938 citations	471509 17 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	1416 citing authors

#	Article	IF	Citations
1	A global analysis of the reconstitution of PTEN function by translational readthrough ofPTENpathogenic premature termination codons. Human Mutation, 2021, 42, 551-566.	2.5	7
2	Modeling human disease in yeast: recreating the PI3K-PTEN-Akt signaling pathway in Saccharomyces cerevisiae. International Microbiology, 2020, 23, 75-87.	2.4	15
3	Assessment of the clinical utility of pharmacogenetic guidance in a comprehensive medication management service. JACCP Journal of the American College of Clinical Pharmacy, 2020, 3, 1028-1037.	1.0	8
4	Klebsiella pneumoniae type VI secretion system-mediated microbial competition is PhoPQ controlled and reactive oxygen species dependent. PLoS Pathogens, 2020, 16, e1007969.	4.7	86
5	The TIR-domain containing effectors BtpA and BtpB from Brucella abortus impact NAD metabolism. PLoS Pathogens, 2020, 16, e1007979.	4.7	45
6	Expression of Human PTEN-L in a Yeast Heterologous Model Unveils Specific N-Terminal Motifs Controlling PTEN-L Subcellular Localization and Function. Cells, 2019, 8, 1512.	4.1	9
7	A pathogenic role for germline PTEN variants which accumulate into the nucleus. European Journal of Human Genetics, 2018, 26, 1180-1187.	2.8	21
8	Heterologous mammalian Akt disrupts plasma membrane homeostasis by taking over TORC2 signaling in Saccharomyces cerevisiae. Scientific Reports, 2018, 8, 7732.	3.3	6
9	Insights into the pathological mechanisms of p85Î± mutations using a yeast-based phosphatidylinositol 3-kinase model. Bioscience Reports, 2017, 37, .	2.4	10
10	Studying Coxiella burnetii Type IV Substrates in the Yeast Saccharomyces cerevisiae: Focus on Subcellular Localization and Protein Aggregation. PLoS ONE, 2016, 11, e0148032.	2.5	12
11	TheSalmonellaeffector SteA binds phosphatidylinositol 4-phosphate for subcellular targeting within host cells. Cellular Microbiology, 2016, 18, 949-969.	2.1	38
12	A Functional Dissection of PTEN N-Terminus: Implications in PTEN Subcellular Targeting and Tumor Suppressor Activity. PLoS ONE, 2015, 10, e0119287.	2.5	27
13	Yeast-based methods to assess PTEN phosphoinositide phosphatase activity in vivo. Methods, 2015, 77-78, 172-179.	3.8	13
14	The yeast cell wall integrity pathway signals from recycling endosomes upon elimination of phosphatidylinositol (4,5)-bisphosphate by mammalian phosphatidylinositol 3-kinase. Cellular Signalling, 2015, 27, 2272-2284.	3.6	14
15	A Yeast-Based In Vivo Bioassay to Screen for Class I Phosphatidylinositol 3-Kinase Specific Inhibitors. Journal of Biomolecular Screening, 2012, 17, 1018-1029.	2.6	19
16	Interaction of the Salmonella Typhimurium effector protein SopB with host cell Cdc42 is involved in intracellular replication. Molecular Microbiology, 2011, 80, 1220-1240.	2.5	28
17	A comprehensive functional analysis of PTEN mutations: implications in tumor- and autism-related syndromes. Human Molecular Genetics, 2011, 20, 4132-4142.	2.9	174
18	Phosphatidylinositol 3-Kinase-dependent Activation of Mammalian Protein Kinase B/Akt in Saccharomyces cerevisiae, an in Vivo Model for the Functional Study of Akt Mutations. Journal of Biological Chemistry, 2009, 284, 13373-13383.	3.4	18

#	Article	IF	Citations
19	Addressing the effects of Salmonella internalization in host cell signaling on a reverseâ€phase protein array. Proteomics, 2009, 9, 3652-3665.	2.2	18
20	Assessment of PTEN tumor suppressor activity in nonmammalian models: the year of the yeast. Oncogene, 2008, 27, 5431-5442.	5.9	31
21	In vivo Functional Analysis of the Counterbalance of Hyperactive Phosphatidylinositol 3-Kinase p110 Catalytic Oncoproteins by the Tumor Suppressor PTEN. Cancer Research, 2007, 67, 9731-9739.	0.9	37
22	Inhibition of Cdc42-dependent signalling in Saccharomyces cerevisiae by phosphatase-dead SigD/SopB from Salmonella typhimurium. Microbiology (United Kingdom), 2006, 152, 3437-3452.	1.8	27
23	Reconstitution of the mammalian PI3K/PTEN/Akt pathway in yeast. Biochemical Journal, 2005, 390, 613-623.	3.7	84
24	The amino-terminal non-catalytic region of Salmonella typhimurium SigD affects actin organization in yeast and mammalian cells. Cellular Microbiology, 2005, 7, 1432-1446.	2.1	27
25	Enteropathogenic Escherichia coli type III effectors alter cytoskeletal function and signalling in Saccharomyces cerevisiae. Microbiology (United Kingdom), 2005, 151, 2933-2945.	1.8	22
26	Modulation of Host Cytoskeleton Function by the Enteropathogenic Escherichia coli and Citrobacter rodentium Effector Protein EspG. Infection and Immunity, 2005, 73, 2586-2594.	2.2	65
27	Proteomic Analysis of the Intestinal Epithelial Cell Response to Enteropathogenic Escherichia coli. Journal of Biological Chemistry, 2004, 279, 20127-20136.	3.4	76