

Isabel Rodríguez-Escudero

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

938
citations

471509

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526287

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28
all docs

28
docs citations

28
times ranked

1416
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive functional analysis of PTEN mutations: implications in tumor- and autism-related syndromes. <i>Human Molecular Genetics</i> , 2011, 20, 4132-4142.	2.9	174
2	<i>Klebsiella pneumoniae</i> type VI secretion system-mediated microbial competition is PhoPQ controlled and reactive oxygen species dependent. <i>PLoS Pathogens</i> , 2020, 16, e1007969.	4.7	86
3	Reconstitution of the mammalian PI3K/PTEN/Akt pathway in yeast. <i>Biochemical Journal</i> , 2005, 390, 613-623.	3.7	84
4	Proteomic Analysis of the Intestinal Epithelial Cell Response to Enteropathogenic <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 20127-20136.	3.4	76
5	Modulation of Host Cytoskeleton Function by the Enteropathogenic <i>Escherichia coli</i> and <i>Citrobacter rodentium</i> Effector Protein EspG. <i>Infection and Immunity</i> , 2005, 73, 2586-2594.	2.2	65
6	The TIR-domain containing effectors BtpA and BtpB from <i>Brucella abortus</i> impact NAD metabolism. <i>PLoS Pathogens</i> , 2020, 16, e1007979.	4.7	45
7	The <i>Salmonella</i> effector SteA binds phosphatidylinositol 4-phosphate for subcellular targeting within host cells. <i>Cellular Microbiology</i> , 2016, 18, 949-969.	2.1	38
8	<i>In vivo</i> Functional Analysis of the Counterbalance of Hyperactive Phosphatidylinositol 3-Kinase p110 Catalytic Oncoproteins by the Tumor Suppressor PTEN. <i>Cancer Research</i> , 2007, 67, 9731-9739.	0.9	37
9	Assessment of PTEN tumor suppressor activity in nonmammalian models: the year of the yeast. <i>Oncogene</i> , 2008, 27, 5431-5442.	5.9	31
10	Interaction of the <i>Salmonella</i> Typhimurium effector protein SopB with host cell Cdc42 is involved in intracellular replication. <i>Molecular Microbiology</i> , 2011, 80, 1220-1240.	2.5	28
11	The amino-terminal non-catalytic region of <i>Salmonella typhimurium</i> SigD affects actin organization in yeast and mammalian cells. <i>Cellular Microbiology</i> , 2005, 7, 1432-1446.	2.1	27
12	Inhibition of Cdc42-dependent signalling in <i>Saccharomyces cerevisiae</i> by phosphatase-dead SigD/SopB from <i>Salmonella typhimurium</i> . <i>Microbiology (United Kingdom)</i> , 2006, 152, 3437-3452.	1.8	27
13	A Functional Dissection of PTEN N-Terminus: Implications in PTEN Subcellular Targeting and Tumor Suppressor Activity. <i>PLoS ONE</i> , 2015, 10, e0119287.	2.5	27
14	Enteropathogenic <i>Escherichia coli</i> type III effectors alter cytoskeletal function and signalling in <i>Saccharomyces cerevisiae</i> . <i>Microbiology (United Kingdom)</i> , 2005, 151, 2933-2945.	1.8	22
15	A pathogenic role for germline PTEN variants which accumulate into the nucleus. <i>European Journal of Human Genetics</i> , 2018, 26, 1180-1187.	2.8	21
16	A Yeast-Based In Vivo Bioassay to Screen for Class I Phosphatidylinositol 3-Kinase Specific Inhibitors. <i>Journal of Biomolecular Screening</i> , 2012, 17, 1018-1029.	2.6	19
17	Phosphatidylinositol 3-Kinase-dependent Activation of Mammalian Protein Kinase B/Akt in <i>Saccharomyces cerevisiae</i> , an in Vivo Model for the Functional Study of Akt Mutations. <i>Journal of Biological Chemistry</i> , 2009, 284, 13373-13383.	3.4	18
18	Addressing the effects of <i>Salmonella</i> internalization in host cell signaling on a reverse-phase protein array. <i>Proteomics</i> , 2009, 9, 3652-3665.	2.2	18

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19	Modeling human disease in yeast: recreating the PI3K-PTEN-Akt signaling pathway in <i>Saccharomyces cerevisiae</i> . <i>International Microbiology</i> , 2020, 23, 75-87.	2.4	15
20	The yeast cell wall integrity pathway signals from recycling endosomes upon elimination of phosphatidylinositol (4,5)-bisphosphate by mammalian phosphatidylinositol 3-kinase. <i>Cellular Signalling</i> , 2015, 27, 2272-2284.	3.6	14
21	Yeast-based methods to assess PTEN phosphoinositide phosphatase activity in vivo. <i>Methods</i> , 2015, 77-78, 172-179.	3.8	13
22	Studying <i>Coxiella burnetii</i> Type IV Substrates in the Yeast <i>Saccharomyces cerevisiae</i> : Focus on Subcellular Localization and Protein Aggregation. <i>PLoS ONE</i> , 2016, 11, e0148032.	2.5	12
23	Insights into the pathological mechanisms of p85 ^L mutations using a yeast-based phosphatidylinositol 3-kinase model. <i>Bioscience Reports</i> , 2017, 37, .	2.4	10
24	Expression of Human PTEN-L in a Yeast Heterologous Model Unveils Specific N-Terminal Motifs Controlling PTEN-L Subcellular Localization and Function. <i>Cells</i> , 2019, 8, 1512.	4.1	9
25	Assessment of the clinical utility of pharmacogenetic guidance in a comprehensive medication management service. <i>JACCP Journal of the American College of Clinical Pharmacy</i> , 2020, 3, 1028-1037.	1.0	8
26	A global analysis of the reconstitution of PTEN function by translational readthrough of pathogenic premature termination codons. <i>Human Mutation</i> , 2021, 42, 551-566.	2.5	7
27	Heterologous mammalian Akt disrupts plasma membrane homeostasis by taking over TORC2 signaling in <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2018, 8, 7732.	3.3	6