

Beatriz A Castilho

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9340469/publications.pdf>

Version: 2024-02-01

47
papers

1,811
citations

236925

25
h-index

265206

42
g-index

48
all docs

48
docs citations

48
times ranked

2641
citing authors

#	ARTICLE	IF	CITATIONS
1	Yeast as a Model to Understand Actin-Mediated Cellular Functions in Mammals—Illustrated with Four Actin Cytoskeleton Proteins. <i>Cells</i> , 2020, 9, 672.	4.1	10
2	Dietary sulfur amino acid restriction upregulates DICER to confer beneficial effects. <i>Molecular Metabolism</i> , 2019, 29, 124-135.	6.5	15
3	The GCN2 inhibitor IMPACT contributes to diet-induced obesity and body temperature control. <i>PLoS ONE</i> , 2019, 14, e0217287.	2.5	7
4	A Rapid Extraction Method for mammalian cell cultures, suitable for quantitative immunoblotting analysis of proteins, including phosphorylated GCN2 and eIF2 α . <i>MethodsX</i> , 2018, 5, 75-82.	1.6	10
5	Topical Dexamethasone Administration Impairs Protein Synthesis and Neuronal Regeneration in the Olfactory Epithelium. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 50.	2.9	23
6	Perturbations in actin dynamics reconfigure protein complexes that modulate GCN2 activity and promote an eIF2 response. <i>Journal of Cell Science</i> , 2016, 129, 4521-4533.	2.0	30
7	IMPACT is a GCN2 inhibitor that limits lifespan in <i>Caenorhabditis elegans</i> . <i>BMC Biology</i> , 2016, 14, 87.	3.8	16
8	Phosphorylation of eIF2 α on Threonine 169 is not required for <i>Trypanosoma brucei</i> cell cycle arrest during differentiation. <i>Molecular and Biochemical Parasitology</i> , 2016, 205, 16-21.	1.1	8
9	The Gcn2 Regulator Yih1 Interacts with the Cyclin Dependent Kinase Cdc28 and Promotes Cell Cycle Progression through G2/M in Budding Yeast. <i>PLoS ONE</i> , 2015, 10, e0131070.	2.5	17
10	A Membrane-bound eIF2 Alpha Kinase Located in Endosomes Is Regulated by Heme and Controls Differentiation and ROS Levels in <i>Trypanosoma cruzi</i> . <i>PLoS Pathogens</i> , 2015, 11, e1004618.	4.7	40
11	GCN2 kinase plays an important role triggering the remission phase of experimental autoimmune encephalomyelitis (EAE) in mice. <i>Brain, Behavior, and Immunity</i> , 2014, 37, 177-186.	4.1	27
12	Keeping the eIF2 alpha kinase Gcn2 in check. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1948-1968.	4.1	231
13	Evolutionarily conserved IMPACT impairs various stress responses that require GCN1 for activating the eIF2 kinase GCN2. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 592-597.	2.1	25
14	Eukaryotic initiation factor 5A dephosphorylation is required for translational arrest in stationary phase cells. <i>Biochemical Journal</i> , 2013, 451, 257-267.	3.7	25
15	IMPACT Is a Developmentally Regulated Protein in Neurons That Opposes the Eukaryotic Initiation Factor 2 α Kinase GCN2 in the modulation of Neurite Outgrowth. <i>Journal of Biological Chemistry</i> , 2013, 288, 10860-10869.	3.4	53
16	The NIP7 protein is required for accurate pre-rRNA processing in human cells. <i>Nucleic Acids Research</i> , 2011, 39, 648-665.	14.5	27
17	Protein Synthesis Attenuation by Phosphorylation of eIF2 α Is Required for the Differentiation of <i>Trypanosoma cruzi</i> into Infective Forms. <i>PLoS ONE</i> , 2011, 6, e27904.	2.5	53
18	Gcn1 and Actin Binding to Yih1. <i>Journal of Biological Chemistry</i> , 2011, 286, 10341-10355.	3.4	28

#	ARTICLE	IF	CITATIONS
19	Evidence That Eukaryotic Translation Elongation Factor 1A (eEF1A) Binds the Gcn2 Protein C Terminus and Inhibits Gcn2 Activity*. Journal of Biological Chemistry, 2011, 286, 36568-36579.	3.4	39
20	Prion protein interaction with stress-inducible protein 1 enhances neuronal protein synthesis via mTOR. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13147-13152.	7.1	93
21	Multiple RNAs from the mouse carboxypeptidase M locus: functional RNAs or transcription noise?. BMC Molecular Biology, 2009, 10, 7.	3.0	3
22	Characterization of the Trypanosoma cruzi ortholog of the SBDS protein reveals an intrinsically disordered extended C-terminal region showing RNA-interacting activity. Biochimie, 2009, 91, 475-483.	2.6	3
23	GCN2 activation and eIF2 γ phosphorylation in the maturation of mouse oocytes. Biochemical and Biophysical Research Communications, 2009, 378, 41-44.	2.1	15
24	Distribution of the protein IMPACT, an inhibitor of GCN2, in the mouse, rat, and marmoset brain. Journal of Comparative Neurology, 2008, 507, 1811-1830.	1.6	23
25	Salicylates Trigger Protein Synthesis Inhibition in a Protein Kinase R-like Endoplasmic Reticulum Kinase-dependent Manner. Journal of Biological Chemistry, 2007, 282, 10164-10171.	3.4	29
26	Novel Membrane-Bound eIF2 γ Kinase in the Flagellar Pocket of <i>Trypanosoma brucei</i> . Eukaryotic Cell, 2007, 6, 1979-1991.	3.4	65
27	The Shwachman-Bodian-Diamond syndrome associated protein interacts with HsNip7 and its down-regulation affects gene expression at the transcriptional and translational levels. Experimental Cell Research, 2007, 313, 4180-4195.	2.6	30
28	Phosphorylation of the γ subunit of translation initiation factor-2 by PKR mediates protein synthesis inhibition in the mouse brain during status epilepticus. Biochemical Journal, 2006, 397, 187-194.	3.7	25
29	IMPACT, a Protein Preferentially Expressed in the Mouse Brain, Binds GCN1 and Inhibits GCN2 Activation. Journal of Biological Chemistry, 2005, 280, 28316-28323.	3.4	69
30	Gir2 is an intrinsically unstructured protein that is present in <i>Saccharomyces cerevisiae</i> as a group of heterogeneously electrophoretic migrating forms. Biochemical and Biophysical Research Communications, 2005, 332, 450-455.	2.1	17
31	Epitope mapping of a single repetitive unit of the B13 <i>Trypanosoma cruzi</i> antigen as fusions to <i>Escherichia coli</i> LamB protein. FEMS Microbiology Letters, 2004, 235, 237-242.	1.8	1
32	Biophysical characterization of Gir2, a highly acidic protein of <i>Saccharomyces cerevisiae</i> with anomalous electrophoretic behavior. Biochemical and Biophysical Research Communications, 2004, 314, 229-234.	2.1	36
33	Phosphorylation of translation initiation factor eIF2 γ in the brain during pilocarpine-induced status epilepticus in mice. Neuroscience Letters, 2004, 357, 191-194.	2.1	22
34	Epitope mapping of a single repetitive unit of the B13 <i>Trypanosoma cruzi</i> antigen as fusions to <i>Escherichia coli</i> LamB protein. FEMS Microbiology Letters, 2004, 235, 237-242.	1.8	1
35	Translation initiation at non-AUG codons mediated by weakened association of eukaryotic initiation factor (eIF) 2 subunits. Biochemical Journal, 2002, 367, 359-368.	3.7	36
36	Antibody response against <i>Escherichia coli</i> heat-stable enterotoxin expressed as fusions to flagellin. Microbiology (United Kingdom), 2001, 147, 861-867.	1.8	29

#	ARTICLE	IF	CITATIONS
37	Conserved sequences in the $\hat{1}^2$ subunit of archaeal and eukaryal translation initiation factor 2 (eIF2), absent from eIF5, mediate interaction with eIF2 $\hat{1}^3$. <i>Biochemical Journal</i> , 2000, 347, 703.	3.7	13
38	Conserved sequences in the $\hat{1}^2$ subunit of archaeal and eukaryal translation initiation factor 2 (eIF2), absent from eIF5, mediate interaction with eIF2 $\hat{1}^3$. <i>Biochemical Journal</i> , 2000, 347, 703-709.	3.7	35
39	A <i>Plasmodium vivax</i> Vaccine Candidate Displays Limited Allele Polymorphism, Which Does Not Restrict Recognition by Antibodies. <i>Molecular Medicine</i> , 1999, 5, 459-470.	4.4	43
40	The $\hat{1}^2$ Subunit of Eukaryotic Translation Initiation Factor 2 Binds mRNA through the Lysine Repeats and a Region Comprising the C ₂ -C ₂ Motif. <i>Molecular and Cellular Biology</i> , 1999, 19, 173-181.	2.3	67
41	Adhesion of <i>Escherichia coli</i> to HeLa Cells Mediated by <i>Trypanosoma cruzi</i> Surface Glycoprotein-Derived Peptides Inserted in the Outer Membrane Protein LamB. <i>Infection and Immunity</i> , 1999, 67, 4908-4911.	2.2	10
42	Mapping of B cell epitopes in an immunodominant antigen of <i>Trypanosoma cruzi</i> using fusions to the <i>Escherichia coli</i> LamB protein. <i>FEMS Microbiology Letters</i> , 1998, 164, 125-131.	1.8	9
43	A new tetracycline resistance determinant cloned from <i>Proteus mirabilis</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998, 1443, 262-266.	2.4	15
44	Mapping of B cell epitopes in an immunodominant antigen of <i>Trypanosoma cruzi</i> using fusions to the <i>Escherichia coli</i> LamB protein. <i>FEMS Microbiology Letters</i> , 1998, 164, 125-131.	1.8	0
45	Absence of cell wall chitin in <i>Saccharomyces cerevisiae</i> leads to resistance to <i>Kluyveromyces lactis</i> killer toxin. <i>Yeast</i> , 1993, 9, 589-598.	1.7	46
46	Mutations at a Zn(II) finger motif in the yeast eIF-2 $\hat{1}^2$ gene alter ribosomal start-site selection during the scanning process. <i>Cell</i> , 1988, 54, 621-632.	28.9	297
47	In vivo DNA cloning and adjacent gene fusing with a mini-Mu-lac bacteriophage containing a plasmid replicon.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1984, 81, 1480-1483.	7.1	95