

Esther Rodríguez-Belmonte

List of Publications by Year in descending order

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37
papers

752
citations

623734

14
h-index

526287

27
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38
all docs

38
docs citations

38
times ranked

945
citing authors

#	ARTICLE	IF	CITATIONS
1	Metagenomics of Thermophiles with a Focus on Discovery of Novel Thermozyms. <i>Frontiers in Microbiology</i> , 2016, 7, 1521.	3.5	98
2	Identification of a Novel Protein, PDIP38, That Interacts with the p50 Subunit of DNA Polymerase β and Proliferating Cell Nuclear Antigen. <i>Journal of Biological Chemistry</i> , 2003, 278, 10041-10047.	3.4	91
3	Identification of a Fourth Subunit of Mammalian DNA Polymerase β . <i>Journal of Biological Chemistry</i> , 2000, 275, 18739-18744.	3.4	87
4	Codon usage in <i>Kluyveromyces lactis</i> and in yeast cytochrome c-encoding genes. <i>Gene</i> , 1994, 139, 43-49.	2.2	71
5	Cellulases from Thermophiles Found by Metagenomics. <i>Microorganisms</i> , 2018, 6, 66.	3.6	46
6	Permeabilization of <i>Kluyveromyces lactis</i> cells for milk whey saccharification: A comparison of different treatments. <i>Biotechnology Letters</i> , 1992, 6, 289-292.	0.5	29
7	High Mobility Group B Proteins, Their Partners, and Other Redox Sensors in Ovarian and Prostate Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-17.	4.0	29
8	Covalent immobilization of β -galactosidase on corn grits. A system for lactose hydrolysis without diffusional resistance. <i>Process Biochemistry</i> , 1994, 29, 7-12.	3.7	27
9	Engineered autolytic yeast strains secreting <i>Kluyveromyces lactis</i> β -galactosidase for production of heterologous proteins in lactose media. <i>Journal of Biotechnology</i> , 2004, 109, 131-137.	3.8	27
10	The Challenges and Opportunities of LncRNAs in Ovarian Cancer Research and Clinical Use. <i>Cancers</i> , 2020, 12, 1020.	3.7	26
11	Ixr1p and the control of the <i>Saccharomyces cerevisiae</i> hypoxic response. <i>Applied Microbiology and Biotechnology</i> , 2012, 94, 173-184.	3.6	22
12	Genome-Wide Analysis of the Yeast Transcriptome Upon Heat and Cold Shock. <i>Comparative and Functional Genomics</i> , 2003, 4, 366-375.	2.0	18
13	Functional characterization of KIHAP1: A model to foresee different mechanisms of transcriptional regulation by Hap1p in yeasts. <i>Gene</i> , 2007, 405, 96-107.	2.2	18
14	Improved bioethanol production in an engineered <i>Kluyveromyces lactis</i> strain shifted from respiratory to fermentative metabolism by deletion of NDI 1. <i>Microbial Biotechnology</i> , 2015, 8, 319-330.	4.2	15
15	HMGB proteins involved in TOR signaling as general regulators of cell growth by controlling ribosome biogenesis. <i>Current Genetics</i> , 2018, 64, 1205-1213.	1.7	15
16	KIRox1p contributes to yeast resistance to metals and is necessary for KLYCF1 expression in the presence of cadmium. <i>Gene</i> , 2012, 497, 27-37.	2.2	14
17	Characterization of HMGB1/2 Interactome in Prostate Cancer by Yeast Two Hybrid Approach: Potential Pathobiological Implications. <i>Cancers</i> , 2019, 11, 1729.	3.7	12
18	The HMGB1-2 Ovarian Cancer Interactome. The Role of HMGB Proteins and Their Interacting Partners MIEN1 and NOP53 in Ovary Cancer and Drug-Response. <i>Cancers</i> , 2020, 12, 2435.	3.7	11

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19	Exploring the taxonomical and functional profile of As Burgas hot spring focusing on thermostable β -galactosidases. Scientific Reports, 2021, 11, 101.	3.3	11
20	Metabolic engineering for direct lactose utilization by <i>Saccharomyces cerevisiae</i> . Biotechnology Letters, 2002, 24, 1391-1396.	2.2	10
21	Genome-Wide analysis of yeast transcription upon calcium shortage. Cell Calcium, 2002, 32, 83-91.	2.4	9
22	Delineating the HMGB1 and HMGB2 interactome in prostate and ovary epithelial cells and its relationship with cancer. Oncotarget, 2018, 9, 19050-19064.	1.8	9
23	Identification of a putative methylenetetrahydrofolate reductase by sequence analysis of a 6.8 kb DNA fragment of yeast chromosome VII. Yeast, 1996, 12, 1047-1051.	1.7	8
24	PICDI, a simple program for codon bias calculation. Molecular Biotechnology, 1996, 5, 191-195.	2.4	7
25	KlGcr1 controls glucose-6-phosphate dehydrogenase activity and responses to H ₂ O ₂ , cadmium and arsenate in <i>Kluyveromyces lactis</i> . Fungal Genetics and Biology, 2015, 82, 95-103.	2.1	7
26	The KLSRB10 gene from <i>Kluyveromyces lactis</i> . Yeast, 2004, 21, 511-518.	1.7	5
27	SKY1 and IXR1 interactions, their effects on cisplatin and spermine resistance in <i>Saccharomyces cerevisiae</i> . Canadian Journal of Microbiology, 2012, 58, 184-188.	1.7	5
28	Sequence analysis of a 10 kb DNA fragment from yeast chromosome VII reveals a novel member of the dnaJ family. , 1996, 12, 145-148.		4
29	Heat-Loving β -Galactosidases from Cultured and Uncultured Microorganisms. Current Protein and Peptide Science, 2018, 19, 1224-1234.	1.4	4
30	Comparative transcriptome analysis of yeast strains carrying slt2, rlm1, and pop2 deletions. Genome, 2011, 54, 99-109.	2.0	3
31	Proteomic Analyses Reveal that Sky1 Modulates Apoptosis and Mitophagy in <i>Saccharomyces cerevisiae</i> Cells Exposed to Cisplatin. International Journal of Molecular Sciences, 2014, 15, 12573-12590.	4.1	3
32	Advances of Functional Metagenomics in Harnessing Thermozyms. , 2018, , 289-307.		3
33	Comparative Metagenomic Analysis of Two Hot Springs From Ourense (Northwestern Spain) and Others Worldwide. Frontiers in Microbiology, 2021, 12, 769065.	3.5	3
34	The <i>Kluyveromyces lactis</i> gene KIGSK-3 combines functions which in <i>Saccharomyces cerevisiae</i> are performed by MCK1 and MSD1. Current Genetics, 1998, 33, 262-267.	1.7	2
35	A functional analysis of <i>KLSRB10</i> : implications in <i>Kluyveromyces lactis</i> transcriptional regulation. Yeast, 2007, 24, 1061-1073.	1.7	2
36	Two Proteins with Different Functions Are Derived from the <i>KIHEM13</i> Gene. Eukaryotic Cell, 2011, 10, 1331-1339.	3.4	1

#	ARTICLE	IF	CITATIONS
37	Archaeal Biocommunication in Hot Springs Revealed by Metagenomics. , 2017,, 85-101.		0