

Francisco Navarro

List of Publications by Year in descending order

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50
papers

1,242
citations

279798

23
h-index

414414

32
g-index

53
all docs

53
docs citations

53
times ranked

1305
citing authors

#	ARTICLE	IF	CITATIONS
1	Rsc4 Connects the Chromatin Remodeler RSC to RNA Polymerases. <i>Molecular and Cellular Biology</i> , 2006, 26, 4920-4933.	2.3	98
2	The GS-GOGAT pathway is not operative in the heterocysts. Cloning and expression of glsF gene from the cyanobacterium <i>Anabaena</i> sp. PCC 7120. <i>FEBS Letters</i> , 2000, 476, 282-286.	2.8	82
3	The Prefoldin Bud27 Mediates the Assembly of the Eukaryotic RNA Polymerases in an Rpb5-Dependent Manner. <i>PLoS Genetics</i> , 2013, 9, e1003297.	3.5	69
4	Transposon activation is a major driver in the genome evolution of cultivated olive trees (<i>Olea</i>). <i>PLoS One</i> , 2014, 9, e101054.	2.8	54
5	Pitx2c overexpression promotes cell proliferation and arrests differentiation in myoblasts. <i>Developmental Dynamics</i> , 2006, 235, 2930-2939.	1.8	53
6	Cloning and correct expression in <i>E. coli</i> of the petJ gene encoding cytochrome c6 from <i>Synechocystis</i> 6803. <i>FEBS Letters</i> , 1994, 347, 173-177.	2.8	41
7	Existence of two ferredoxin-glutamate synthases in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. Isolation and insertional inactivation of gltB and gltS genes. <i>Plant Molecular Biology</i> , 1995, 27, 753-767.	3.9	40
8	<i>Synechocystis</i> 6803 plastocyanin isolated from both the cyanobacterium and <i>E. coli</i> transformed cells are identical. <i>FEBS Letters</i> , 1993, 319, 257-260.	2.8	37
9	The Cyanobacterial Thioredoxin Gene Is Required for Both Photoautotrophic and Heterotrophic Growth. <i>Plant Physiology</i> , 1996, 111, 1067-1075.	4.8	37
10	Partners of Rpb8p, a Small Subunit Shared by Yeast RNA Polymerases I, II, and III. <i>Molecular and Cellular Biology</i> , 2001, 21, 6056-6065.	2.3	36
11	Cross Talk between tRNA and rRNA Synthesis in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2001, 21, 189-195.	2.3	36
12	Tissue distribution and subcellular localization of the cardiac sodium channel during mouse heart development. <i>Cardiovascular Research</i> , 2008, 78, 45-52.	3.8	36
13	Electron transport controls transcription of the thioredoxin gene (<i>trxA</i>) in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Plant Molecular Biology</i> , 2000, 43, 23-32.	3.9	35
14	Analysis of the effect of ppGpp on the <i>ptsAQZ</i> operon in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 1998, 29, 815-823.	2.5	33
15	Rpb4/7 facilitates RNA polymerase II CTD dephosphorylation. <i>Nucleic Acids Research</i> , 2014, 42, 13674-13688.	14.5	33
16	Overexpression of SNG1 causes 6-azauracil resistance in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2010, 56, 251-263.	1.7	32
17	Ferredoxin-Dependent Iron-Sulfur Flavoprotein Glutamate Synthase (GlsF) from the Cyanobacterium <i>Synechocystis</i> sp. PCC 6803: Expression and Assembly in <i>Escherichia coli</i> . <i>Archives of Biochemistry and Biophysics</i> , 2000, 379, 267-276.	3.0	31
18	Functional organization of the Rpb5 subunit shared by the three yeast RNA polymerases. <i>Nucleic Acids Research</i> , 2007, 35, 634-647.	14.5	31

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19	Pitx2c Modulates Cardiac-Specific Transcription Factors Networks in Differentiating Cardiomyocytes from Murine Embryonic Stem Cells. <i>Cells Tissues Organs</i> , 2011, 194, 349-362.	2.3	31
20	Correct Assembly of RNA Polymerase II Depends on the Foot Domain and Is Required for Multiple Steps of Transcription in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2013, 33, 3611-3626.	2.3	29
21	The yeast prefoldin-like URI-orthologue Bud27 associates with the RSC nucleosome remodeler and modulates transcription. <i>Nucleic Acids Research</i> , 2014, 42, 9666-9676.	14.5	29
22	Glutamate 94 of [2Fe-2S]-ferredoxins is important for efficient electron transfer in the 1:1 complex formed with ferredoxin-glutamate synthase (GltS) from <i>Synechocystis</i> sp. PCC 6803. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1996, 1277, 135-140.	1.0	27
23	The mRNA degradation factor Xrn1 regulates transcription elongation in parallel to Ccr4. <i>Nucleic Acids Research</i> , 2019, 47, 9524-9541.	14.5	26
24	Temporal and spatial expression pattern of β 1 sodium channel subunit during heart development. <i>Cardiovascular Research</i> , 2005, 65, 842-850.	3.8	24
25	Identification of a gene involved in the juvenile-to-adult transition (JAT) in cultivated olive trees. <i>Tree Genetics and Genomes</i> , 2010, 6, 891-903.	1.6	24
26	Rpb1 foot mutations demonstrate a major role of Rpb4 in mRNA stability during stress situations in yeast. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 731-743.	1.9	23
27	Genetic changes involved in the juvenile-to-adult transition in the shoot apex of <i>Olea europaea</i> L. occur years before the first flowering. <i>Tree Genetics and Genomes</i> , 2014, 10, 585.	1.6	20
28	The Conserved Foot Domain of RNA Pol II Associates with Proteins Involved in Transcriptional Initiation and/or Early Elongation. <i>Genetics</i> , 2011, 189, 1235-1248.	2.9	17
29	A role for p38 β mitogen-activated protein kinase in embryonic cardiac differentiation. <i>FEBS Letters</i> , 2008, 582, 1025-1031.	2.8	16
30	Effects of diazepam and D-amphetamine on rhythmic pattern of eye movements in goldfish. <i>NeuroReport</i> , 1992, 3, 131-134.	1.2	15
31	Prefoldin-like Bud27 influences the transcription of ribosomal components and ribosome biogenesis in <i>Saccharomyces cerevisiae</i> . <i>Rna</i> , 2020, 26, 1360-1379.	3.5	15
32	In vivo misreading by tRNA overdose. <i>Rna</i> , 2000, 6, 103-110.	3.5	14
33	A novel yeast chromatin-enriched fractions purification approach, yChEFs, for the chromatin-associated protein analysis used for chromatin-associated and RNA-dependent chromatin-associated proteome studies from <i>Saccharomyces cerevisiae</i> . <i>Gene Reports</i> , 2019, 16, 100450.	0.8	12
34	Xrn1 influence on gene transcription results from the combination of general effects on elongating RNA pol II and gene-specific chromatin configuration. <i>RNA Biology</i> , 2021, 18, 1310-1323.	3.1	12
35	The Yeast Prefoldin Bud27. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1106, 109-118.	1.6	11
36	Rpb4 and Puf3 imprint and post-transcriptionally control the stability of a common set of mRNAs in yeast. <i>RNA Biology</i> , 2021, 18, 1206-1220.	3.1	10

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37	Biogenesis of RNA Polymerases in Yeast. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 669300.	3.5	10
38	RNA polymerase II conserved protein domains as platforms for protein-protein interactions. <i>Transcription</i> , 2011, 2, 193-197.	3.1	8
39	Regulation of Eukaryotic RNAPs Activities by Phosphorylation. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 681865.	3.5	8
40	Expression patterns and immunohistochemical localization of PITX2B transcription factor in the developing mouse heart. <i>International Journal of Developmental Biology</i> , 2015, 59, 247-254.	0.6	8
41	Rpb5 modulates the RNA polymerase II transition from initiation to elongation by influencing Spt5 association and backtracking. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 1-13.	1.9	6
42	Rpb5, a subunit shared by eukaryotic RNA polymerases, cooperates with prefoldin-like Bud27/URI. <i>AIMS Genetics</i> , 2018, 05, 063-074.	1.9	6
43	The Association of Rpb4 with RNA Polymerase II Depends on CTD Ser5P Phosphatase Rtr1 and Influences mRNA Decay in <i>Saccharomyces cerevisiae</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 2002.	4.1	5
44	Expression in bacteria of small and specific protein domains of two transcription factor isoforms, purification and monospecific polyclonal antibodies generation, by a two-step affinity chromatography procedure. <i>Protein Expression and Purification</i> , 2008, 60, 151-156.	1.3	4
45	A Yeast Chromatin-enriched Fractions Purification Approach, yChEFs, from <i>Saccharomyces cerevisiae</i> . <i>Bio-protocol</i> , 2020, 10, e3471.	0.4	4
46	Rpb5, a subunit shared by eukaryotic RNA polymerases, cooperates with prefoldin-like Bud27/URI. <i>AIMS Genetics</i> , 2018, 5, 63-74.	1.9	4
47	Several Isoforms for Each Subunit Shared by RNA Polymerases are Differentially Expressed in the Cultivated Olive Tree (<i>Olea europaea</i> L.). <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 679292.	3.5	3
48	A High-Copy Suppressor Screen Reveals a Broad Role of Prefoldin-like Bud27 in the TOR Signaling Pathway in <i>Saccharomyces cerevisiae</i> . <i>Genes</i> , 2022, 13, 748.	2.4	3
49	Ammonium assimilation in cyanobacteria. <i>The Regulation of the GS-GOGAT Pathway</i> . , 1998, , 3607-3612.		2
50	The Thioredoxin Gene, <i>trxA</i> from the Unicellular Cyanobacterium <i>Synechocystis</i> sp. PCC 6803 is Regulated by Light. , 1995, , 2413-2416.		0