

Gabriel Gutiérrez Pozo

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,577
citations

361413

20
h-index

315739

38
g-index

52
all docs

52
docs citations

52
times ranked

2415
citing authors

#	ARTICLE	IF	CITATIONS
1	Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. <i>Current Biology</i> , 2016, 26, 1577-1584.	3.9	175
2	A Phylogenetic Analysis of the Lipocalin Protein Family. <i>Molecular Biology and Evolution</i> , 2000, 17, 114-126.	8.9	136
3	Exon-Intron Structure and Evolution of the Lipocalin Gene Family. <i>Molecular Biology and Evolution</i> , 2003, 20, 775-783.	8.9	90
4	The Histone Acetyltransferase GcnE (GCN5) Plays a Central Role in the Regulation of <i>Aspergillus</i> Asexual Development. <i>Genetics</i> , 2014, 197, 1175-1189.	2.9	79
5	Fungal cryptochrome with DNA repair activity reveals an early stage in cryptochrome evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15130-15135.	7.1	72
6	A Reanalysis of the Ancient Mitochondrial DNA Sequences Recovered from Neandertal Bones. <i>Molecular Biology and Evolution</i> , 2002, 19, 1359-1366.	8.9	68
7	Defective histone supply causes changes in RNA polymerase II elongation rate and cotranscriptional pre-mRNA splicing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14840-14845.	7.1	68
8	Molecular evolution of epididymal lipocalin genes localized on mouse chromosome 2. <i>Gene</i> , 2004, 339, 49-59.	2.2	67
9	MicroRNA-Dependent Regulation of Transcription in Non-Small Cell Lung Cancer. <i>PLoS ONE</i> , 2014, 9, e90524.	2.5	65
10	Apolipoprotein D alters the early transcriptional response to oxidative stress in the adult cerebellum. <i>Journal of Neurochemistry</i> , 2011, 117, 949-960.	3.9	49
11	Preference for guanosine at first codon position in highly expressed <i>Escherichia coli</i> genes. A relationship with translational efficiency. <i>Nucleic Acids Research</i> , 1996, 24, 2525-2527.	14.5	47
12	Evolution of the lipocalin family as inferred from a protein sequence phylogeny. <i>BBA - Proteins and Proteomics</i> , 2000, 1482, 35-45.	2.1	43
13	A Relationship between Carotenoid Accumulation and the Distribution of Species of the Fungus <i>Neurospora</i> in Spain. <i>PLoS ONE</i> , 2012, 7, e33658.	2.5	43
14	Downregulation of Lnc-Spy1 mediates TGF- β -induced epithelial-mesenchymal transition by transcriptional and posttranscriptional regulatory mechanisms. <i>Cell Death and Differentiation</i> , 2017, 24, 785-797.	11.2	43
15	On the Origin of the Periodicity of Three in Protein Coding DNA Sequences. <i>Journal of Theoretical Biology</i> , 1994, 167, 413-414.	1.7	40
16	Relationship between G+C content, ORF-length and mRNA concentration in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2003, 20, 703-711.	1.7	40
17	Comparative gene expression profile of mouse carotid body and adrenal medulla under physiological hypoxia. <i>Journal of Physiology</i> , 2005, 566, 491-503.	2.9	37
18	Patterns of Group I Intron Presence in Nuclear SSU rDNA of the Lichen Family Parmeliaceae. <i>Journal of Molecular Evolution</i> , 2007, 64, 181-195.	1.8	33

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19	MAP17 (PDZKIP1) Expression Determines Sensitivity to the Proteasomal Inhibitor Bortezomib by Preventing Cytoprotective Autophagy and NF κ B Activation in Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1454-1465.	4.1	26
20	Compositional heterogeneity of the <i>Escherichia coli</i> genome: A role for VSP repair?. <i>Journal of Molecular Evolution</i> , 1994, 39, 340-346.	1.8	23
21	Expression and potential role of apolipoprotein D on the death-survival balance of human colorectal cancer cells under oxidative stress conditions. <i>International Journal of Colorectal Disease</i> , 2013, 28, 751-766.	2.2	23
22	A New Species of the $\hat{1}^3$ -Proteobacterium <i>Francisella</i> , <i>F. adeliensis</i> Sp. Nov., Endocytobiont in an Antarctic Marine Ciliate and Potential Evolutionary Forerunner of Pathogenic Species. <i>Microbial Ecology</i> , 2019, 77, 587-596.	2.8	22
23	Contribution of DNA adenine methylation to gene expression heterogeneity in <i>Salmonella enterica</i> . <i>Nucleic Acids Research</i> , 2020, 48, 11857-11867.	14.5	21
24	The DASH-type Cryptochrome from the Fungus <i>Mucor circinelloides</i> Is a Canonical CPD-Photolyase. <i>Current Biology</i> , 2020, 30, 4483-4490.e4.	3.9	19
25	Transcriptional regulation of fermentative and respiratory metabolism in <i>Saccharomyces cerevisiae</i> industrial bakers' strains. <i>FEMS Yeast Research</i> , 2012, 12, 625-636.	2.3	18
26	Genome sequencing of evolved aspergilli populations reveals robust genomes, transversions in <i>A. flavus</i> , and sexual aberrancy in non-homologous end-joining mutants. <i>BMC Biology</i> , 2019, 17, 88.	3.8	18
27	Subtracting the sequence bias from partially digested MNase-seq data reveals a general contribution of TFIS to nucleosome positioning. <i>Epigenetics and Chromatin</i> , 2017, 10, 58.	3.9	17
28	Formation of phenotypic lineages in <i>Salmonella enterica</i> by a pleiotropic fimbrial switch. <i>PLoS Genetics</i> , 2018, 14, e1007677.	3.5	17
29	Ubiquitin and Ubiquitin-Like Proteins and Domains in Ribosome Production and Function: Chance or Necessity?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4359.	4.1	17
30	Global impact of <i>Salmonella</i> type III secretion effector SteA on host cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 419-424.	2.1	15
31	Identification of <i>Pelomyxa palustris</i> Endosymbionts. <i>Protist</i> , 2017, 168, 408-424.	1.5	15
32	Draft Genome Sequence of <i>Methanobacterium formicicum</i> DSM 3637, an Archaeobacterium Isolated from the Methane Producer Amoeba <i>Pelomyxa palustris</i> . <i>Journal of Bacteriology</i> , 2012, 194, 6967-6968.	2.2	14
33	Short-range compositional correlation in the yeast genome depends on transcriptional orientation. <i>Gene</i> , 2004, 333, 151-155.	2.2	13
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	Gene length and codon usage bias in <i>Drosophila melanogaster</i> , <i>Saccharomyces cerevisiae</i> and <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 1998, 26, 4540-4540.	14.5	11
36	A Comparison of Morphological, Chemical and Molecular Characters in Some Parmelioid Genera. <i>Lichenologist</i> , 1999, 31, 451-460.	0.8	11

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37	Lack of reelin modifies the gene expression in the small intestine of mice. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 205-218.	3.0	10
38	Light regulates a <i>Phycomyces blakesleeenans</i> gene family similar to the carotenogenic repressor gene of <i>Mucor circinelloides</i> . <i>Fungal Biology</i> , 2020, 124, 338-351.	2.5	10
39	Phylogeny and regulation of four lipocalin genes clustered in the chicken genome: evidence of a functional diversification after gene duplication. <i>Gene</i> , 2004, 331, 95-106.	2.2	9
40	Impact of the White Collar Photoreceptor WcoA on the <i>Fusarium fujikuroi</i> Transcriptome. <i>Frontiers in Microbiology</i> , 2020, 11, 619474.	3.5	9
41	An Evolutionary Perspective of the Lipocalin Protein Family. <i>Frontiers in Physiology</i> , 2021, 12, 718983.	2.8	9
42	A novel lncRNA as a positive regulator of carotenoid biosynthesis in <i>Fusarium</i> . <i>Scientific Reports</i> , 2020, 10, 678.	3.3	8
43	Control of the neuroprotective Lipocalin Apolipoprotein D expression by alternative promoter regions and differentially expressed mRNA 5' UTR variants. <i>PLoS ONE</i> , 2020, 15, e0234857.	2.5	4
44	Compound Heterozygous Mutations in the <i>SLC26A3</i> Gene in 2 Spanish Siblings With Congenital Chloride Diarrhea. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 52, 106-110.	1.8	3
45	A possible relationship between vsp mismatch repair and gene expression level. <i>Journal of Molecular Evolution</i> , 1996, 43, 161-163.	1.8	2
46	Characterization of mammalian Lipocalin UTRs in silico: Predictions for their role in post-transcriptional regulation. <i>PLoS ONE</i> , 2019, 14, e0213206.	2.5	2
47	An <i>arsRB</i> resistance operon confers tolerance to arsenite in the environmental isolate <i>Terribacillus</i> sp. AE2B 122. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	2.7	2
48	Compositional Correlation Between Open Reading Frames with Opposite Transcriptional Orientations in <i>Escherichia coli</i> . <i>Journal of Molecular Evolution</i> , 1999, 48, 712-716.	1.8	0
49	The carP lncRNA is a carS-Related Regulatory Element with Broad Effects on the <i>Fusarium fujikuroi</i> Transcriptome. <i>Non-coding RNA</i> , 2021, 7, 46.	2.6	0
50	LETTER TO THE EDITOR - The Mysterious Case of the Reverse Sequences. <i>The Open Genomics Journal</i> , 2011, 4, 16-17.	0.5	0
51	Identification of an acetyl esterase in the supernatant of the environmental strain <i>Bacillus</i> sp. HR21-6. <i>Biochimie</i> , 2022, 198, 48-59.	2.6	0