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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	Identification of an acetyl esterase in the supernatant of the environmental strain Bacillus sp. HR21-6. Biochimie, 2022, 198, 48-59.	2.6	0
2	Xrn1 influence on gene transcription results from the combination of general effects on elongating RNA pol II and gene-specific chromatin configuration. RNA Biology, 2021, 18, 1310-1323.	3.1	12
3	An arsRB resistance operon confers tolerance to arsenite in the environmental isolate Terribacillus sp. AE2B 122. FEMS Microbiology Ecology, 2021, 97, .	2.7	2
4	Ubiquitin and Ubiquitin-Like Proteins and Domains in Ribosome Production and Function: Chance or Necessity?. International Journal of Molecular Sciences, 2021, 22, 4359.	4.1	17
5	The carP lncRNA Is a carS-Related Regulatory Element with Broad Effects on the Fusarium fujikuroi Transcriptome. Non-coding RNA, 2021, 7, 46.	2.6	0
6	An Evolutionary Perspective of the Lipocalin Protein Family. Frontiers in Physiology, 2021, 12, 718983.	2.8	9
7	Light regulates a Phycomyces blakesleeanus gene family similar to the carotenogenic repressor gene of Mucor circinelloides. Fungal Biology, 2020, 124, 338-351.	2.5	10
8	The DASH-type Cryptochrome from the Fungus Mucor circinelloides Is a Canonical CPD-Photolyase. Current Biology, 2020, 30, 4483-4490.e4.	3.9	19
9	Contribution of DNA adenine methylation to gene expression heterogeneity inSalmonella enterica. Nucleic Acids Research, 2020, 48, 11857-11867.	14.5	21
10	Control of the neuroprotective Lipocalin Apolipoprotein D expression by alternative promoter regions and differentially expressed mRNA 5â€™ UTR variants. PLoS ONE, 2020, 15, e0234857.	2.5	4
11	A novel lncRNA as a positive regulator of carotenoid biosynthesis in Fusarium. Scientific Reports, 2020, 10, 678.	3.3	8
12	Impact of the White Collar Photoreceptor WcoA on the Fusarium fujikuroi Transcriptome. Frontiers in Microbiology, 2020, 11, 619474.	3.5	9
13	Characterization of mammalian Lipocalin UTRs in silico: Predictions for their role in post-transcriptional regulation. PLoS ONE, 2019, 14, e0213206.	2.5	2
14	Genome sequencing of evolved aspergilli populations reveals robust genomes, transversions in A. flavus, and sexual aberrancy in non-homologous end-joining mutants. BMC Biology, 2019, 17, 88.	3.8	18
15	A New Species of the Î³-Proteobacterium Francisella, F. adeliensis Sp. Nov., Endocytobiont in an Antarctic Marine Ciliate and Potential Evolutionary Forerunner of Pathogenic Species. Microbial Ecology, 2019, 77, 587-596.	2.8	22
16	Formation of phenotypic lineages in Salmonella enterica by a pleiotropic fimbrial switch. PLoS Genetics, 2018, 14, e1007677.	3.5	17
17	Downregulation of Lnc-Spry1 mediates TGF-Î²-induced epithelialâ€“mesenchymal transition by transcriptional and posttranscriptional regulatory mechanisms. Cell Death and Differentiation, 2017, 24, 785-797.	11.2	43
18	Identification of Pelomyxa palustris Endosymbionts. Protist, 2017, 168, 408-424.	1.5	15

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19	Subtracting the sequence bias from partially digested MNase-seq data reveals a general contribution of TFIIS to nucleosome positioning. Epigenetics and Chromatin, 2017, 10, 58.	3.9	17
20	Expansion of Signal Transduction Pathways in Fungi by Extensive Genome Duplication. Current Biology, 2016, 26, 1577-1584.	3.9	175
21	MAP17 (PDZKIP1) Expression Determines Sensitivity to the Proteasomal Inhibitor Bortezomib by Preventing Cytoprotective Autophagy and NFÎºB Activation in Breast Cancer. Molecular Cancer Therapeutics, 2015, 14, 1454-1465.	4.1	26
22	Fungal cryptochrome with DNA repair activity reveals an early stage in cryptochrome evolution. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15130-15135.	7.1	72
23	Defective histone supply causes changes in RNA polymerase II elongation rate and cotranscriptional pre-mRNA splicing. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14840-14845.	7.1	68
24	The Histone Acetyltransferase GcnE (GCN5) Plays a Central Role in the Regulation of Aspergillus Asexual Development. Genetics, 2014, 197, 1175-1189.	2.9	79
25	Global impact of Salmonella type III secretion effector SteA on host cells. Biochemical and Biophysical Research Communications, 2014, 449, 419-424.	2.1	15
26	MicroRNA-Dependent Regulation of Transcription in Non-Small Cell Lung Cancer. PLoS ONE, 2014, 9, e90524.	2.5	65
27	Expression and potential role of apolipoprotein D on the deathâ€“survival balance of human colorectal cancer cells under oxidative stress conditions. International Journal of Colorectal Disease, 2013, 28, 751-766.	2.2	23
28	Draft Genome Sequence of Methanobacterium formicicum DSM 3637, an Archaebacterium Isolated from the Methane Producer Amoeba Pelomyxa palustris. Journal of Bacteriology, 2012, 194, 6967-6968.	2.2	14
29	A Relationship between Carotenoid Accumulation and the Distribution of Species of the Fungus Neurospora in Spain. PLoS ONE, 2012, 7, e33658.	2.5	43
30	Lack of reelin modifies the gene expression in the small intestine of mice. Journal of Physiology and Biochemistry, 2012, 68, 205-218.	3.0	10
31	Transcriptional regulation of fermentative and respiratory metabolism in Saccharomyces cerevisiae industrial bakers' strains. FEMS Yeast Research, 2012, 12, 625-636.	2.3	18
32	Compound Heterozygous Mutations in the SLC26A3 Gene in 2 Spanish Siblings With Congenital Chloride Diarrhea. Journal of Pediatric Gastroenterology and Nutrition, 2011, 52, 106-110.	1.8	3
33	Apolipoprotein D alters the early transcriptional response to oxidative stress in the adult cerebellum. Journal of Neurochemistry, 2011, 117, 949-960.	3.9	49
34	LETTER TO THE EDITOR - The Mysterious Case of the Reverse Sequences. The Open Genomics Journal, 2011, 4, 16-17.	0.5	0
35	Patterns of Group I Intron Presence in Nuclear SSU rDNA of the Lichen Family Parmeliaceae. Journal of Molecular Evolution, 2007, 64, 181-195.	1.8	33
36	Comparative gene expression profile of mouse carotid body and adrenal medulla under physiological hypoxia. Journal of Physiology, 2005, 566, 491-503.	2.9	37

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37	Short-range compositional correlation in the yeast genome depends on transcriptional orientation. Gene, 2004, 333, 151-155.	2.2	13
38	Molecular evolution of epididymal lipocalin genes localized on mouse chromosome 2. Gene, 2004, 339, 49-59.	2.2	67
39	Phylogeny and regulation of four lipocalin genes clustered in the chicken genome: evidence of a functional diversification after gene duplication. Gene, 2004, 331, 95-106.	2.2	9
40	Relationship between G+C content, ORF-length and mRNA concentration inSaccharomyces cerevisiae. Yeast, 2003, 20, 703-711.	1.7	40
41	Exon-Intron Structure and Evolution of the Lipocalin Gene Family. Molecular Biology and Evolution, 2003, 20, 775-783.	8.9	90
42	A Reanalysis of the Ancient Mitochondrial DNA Sequences Recovered from Neandertal Bones. Molecular Biology and Evolution, 2002, 19, 1359-1366.	8.9	68
43	A Phylogenetic Analysis of the Lipocalin Protein Family. Molecular Biology and Evolution, 2000, 17, 114-126.	8.9	136
44	Evolution of the lipocalin family as inferred from a protein sequence phylogeny. BBA - Proteins and Proteomics, 2000, 1482, 35-45.	2.1	43
45	A Comparison of Morphological, Chemical and Molecular Characters in Some Parmelioid Genera. Lichenologist, 1999, 31, 451-460.	0.8	11
46	Compositional Correlation Between Open Reading Frames with Opposite Transcriptional Orientations in Escherichia coli. Journal of Molecular Evolution, 1999, 48, 712-716.	1.8	0
47	Gene length and codon usage bias in Drosophila melanogaster, Saccharomyces cervisiae and Escherichia coli. Nucleic Acids Research, 1998, 26, 4540-4540.	14.5	11
48	A possible relationship between vsp mismatch repair and gene expression level. Journal of Molecular Evolution, 1996, 43, 161-163.	1.8	2
49	Preference for guanosine at first codon position in highly expressed Escherichia coli genes. A relationship with translational efficiency. Nucleic Acids Research, 1996, 24, 2525-2527.	14.5	47
50	Compositional heterogeneity of the Escherichia coli genome: A role for VSP repair?. Journal of Molecular Evolution, 1994, 39, 340-346.	1.8	23
51	On the Origin of the Periodicity of Three in Protein Coding DNA Sequences. Journal of Theoretical Biology, 1994, 167, 413-414.	1.7	40