

Leandro Sastre

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

530
citations

14
h-index

21
g-index

38
ext. papers

612
ext. citations

4
avg, IF

3.33
L-index

#	Paper	IF	Citations
38	Structural and functional studies of a family of Dictyostelium discoideum developmentally regulated, prestalk genes coding for small proteins. <i>BMC Microbiology</i> , 2008 , 8, 1	4.5	109
37	Cancer stem cells and cisplatin-resistant cells isolated from non-small-lung cancer cell lines constitute related cell populations. <i>Cancer Medicine</i> , 2014 , 3, 1099-111	4.8	57
36	Isolation of cDNA clones coding for mitochondrial 16S ribosomal RNA from the crustacean Artemia. <i>Gene</i> , 1988 , 68, 239-48	3.8	24
35	Cloning of a cDNA encoding an Artemia franciscana Na/K ATPase alpha-subunit. <i>Gene</i> , 1991 , 105, 197-204	3.8	23
34	Gene expression after resumption of development of Artemia franciscana cryptobiotic embryos. <i>Biochemistry and Cell Biology</i> , 1994 , 72, 78-83	3.6	22
33	A dyskerin motif reactivates telomerase activity in X-linked dyskeratosis congenita and in telomerase-deficient human cells. <i>Blood</i> , 2008 , 111, 2606-14	2.2	19
32	The MADS-box transcription factor SrfA is required for actin cytoskeleton organization and spore coat stability during Dictyostelium sporulation. <i>Mechanisms of Development</i> , 2004 , 121, 51-6	1.7	19
31	The MADS-box gene srfA is expressed in a complex pattern under the control of alternative promoters and is essential for different aspects of Dictyostelium development. <i>Developmental Biology</i> , 2001 , 235, 314-29	3.1	19
30	Identification of genes dependent on the MADS box transcription factor SrfA in Dictyostelium discoideum development. <i>Eukaryotic Cell</i> , 2004 , 3, 564-6		17
29	Dictyostelium discoideum developmentally regulated genes whose expression is dependent on MADS box transcription factor SrfA. <i>Eukaryotic Cell</i> , 2003 , 2, 1327-35		16
28	Expression of the genetic suppressor element 24.2 (GSE24.2) decreases DNA damage and oxidative stress in X-linked dyskeratosis congenita cells. <i>PLoS ONE</i> , 2014 , 9, e101424	3.7	15
27	Actin gene structure in two Artemia species, A. franciscana and A. parthenogenetica. <i>Journal of Molecular Evolution</i> , 1996 , 43, 224-35	3.1	15
26	The Dictyostelium discoideum acaA gene is transcribed from alternative promoters during aggregation and multicellular development. <i>PLoS ONE</i> , 2010 , 5, e13286	3.7	15
25	New DNA sequencing technologies open a promising era for cancer research and treatment. <i>Clinical and Translational Oncology</i> , 2011 , 13, 301-6	3.6	14
24	GSE4 peptide suppresses oxidative and telomere deficiencies in ataxia telangiectasia patient cells. <i>Cell Death and Differentiation</i> , 2019 , 26, 1998-2014	12.7	13
23	Polymorphism and structure of the gene coding for the alpha 1 subunit of the Artemia franciscana Na/K-ATPase. <i>Biochemical Journal</i> , 1997 , 321 (Pt 2), 509-18	3.8	13
22	SrfB, a member of the Serum Response Factor family of transcription factors, regulates starvation response and early development in Dictyostelium. <i>Developmental Biology</i> , 2008 , 316, 260-74	3.1	13

21	High DNA sequence variability at the alpha 1 Na/K-ATPase locus of <i>Artemia franciscana</i> (brine shrimp): polymorphism in a gene for salt-resistance in a salt-resistant organism. <i>Molecular Biology and Evolution</i> , 2000 , 17, 235-50	8.3	13
20	Genetic analyses of aplastic anemia and idiopathic pulmonary fibrosis patients with short telomeres, possible implication of DNA-repair genes. <i>Orphanet Journal of Rare Diseases</i> , 2019 , 14, 82	4.2	11
19	Role of Dusp6 Phosphatase as a Tumor Suppressor in Non-Small Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	11
18	Regulated expression of the MADS-box transcription factor SrfA mediates activation of gene expression by protein kinase A during <i>Dictyostelium</i> sporulation. <i>Mechanisms of Development</i> , 2002 , 117, 201-8	1.7	11
17	Defects in mTR stability and telomerase activity produced by the Dkc1 A353V mutation in dyskeratosis congenita are rescued by a peptide from the dyskerin TruB domain. <i>Clinical and Translational Oncology</i> , 2012 , 14, 755-63	3.6	10
16	GSE4, a Small Dyskerin- and GSE24.2-Related Peptide, Induces Telomerase Activity, Cell Proliferation and Reduces DNA Damage, Oxidative Stress and Cell Senescence in Dyskerin Mutant Cells. <i>PLoS ONE</i> , 2015 , 10, e0142980	3.7	9
15	Mef2A, a homologue of animal Mef2 transcription factors, regulates cell differentiation in <i>Dictyostelium discoideum</i> . <i>BMC Developmental Biology</i> , 2013 , 13, 12	3.1	5
14	Characterization of a functional serum response element in the Actin403 gene promoter from the crustacean <i>Artemia franciscana</i> . <i>FEBS Journal</i> , 2001 , 268, 2587-92		5
13	Isolation and characterization of the gene coding for <i>Artemia franciscana</i> TATA-binding protein: expression in cryptobiotic and developing embryos. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999 , 1445, 271-82		5
12	GSE4-loaded nanoparticles a potential therapy for lung fibrosis that enhances pneumocyte growth, reduces apoptosis and DNA damage. <i>FASEB Journal</i> , 2021 , 35, e21422	0.9	4
11	Exome sequencing: what clinicians need to know. <i>Advances in Genomics and Genetics</i> , 2014 , 15		3
10	The dual-specificity protein phosphatase MkpB, homologous to mammalian MKP phosphatases, is required for <i>D. discoideum</i> post-aggregative development and cisplatin response. <i>Differentiation</i> , 2011 , 81, 199-207	3.5	3
9	A serum response factor homologue is expressed in ectodermal tissues during development of the crustacean <i>Artemia franciscana</i> . <i>Mechanisms of Development</i> , 2000 , 96, 229-32	1.7	3
8	Dyskerin Mutations Present in Dyskeratosis Congenita Patients Increase Oxidative Stress and DNA Damage Signalling in. <i>Cells</i> , 2019 , 8,	7.9	3
7	Structure of <i>Dictyostelium discoideum</i> telomeres. Analysis of possible replication mechanisms. <i>PLoS ONE</i> , 2019 , 14, e0222909	3.7	2
6	Role of SP65 in assembly of the <i>Dictyostelium discoideum</i> spore coat. <i>Eukaryotic Cell</i> , 2007 , 6, 1137-49		2
5	Regulation of promoter occupancy during activation of cryptobiotic embryos from the crustacean <i>Artemia franciscana</i> . <i>Journal of Experimental Biology</i> , 2003 , 206, 1565-73	3	2
4	Molecular Diagnosis and Precision Therapeutic Approaches for Telomere Biology Disorders 2016 ,		2

- 3 Biological Activity of the Alternative Promoters of the Dictyostelium discoideum Adenylyl Cyclase A Gene. *PLoS ONE*, **2016**, 11, e0148533 3.7 2
- 2 Comparison of Colorectal Cancer Stem Cells and Oxaliplatin-Resistant Cells Unveils Functional Similarities.. *Cells*, **2022**, 11, 7.9 1
- 1 Transactivation domains are not functionally conserved between vertebrate and invertebrate serum response factors. *FEBS Journal*, **2002**, 269, 3669-77