Julio T Ãvila

List of Publications by Year
in descending order

57 papers	1,524 citations	394286 19 h-index	315616 38 g-index
58 all docs	58 docs citations	58 times ranked	1833 citing authors

#	Article	IF	Citations
1	Na+, K+-ATPase Isozyme Diversity; Comparative Biochemistry and Physiological Implications of Novel Functional Interactions. Bioscience Reports, 2000, 20, 51-91.	1.1	280
2	Dual DNA binding specificity of a petal epidermis-specific MYB transcription factor (MYB.Ph3) from Petunia hybrida.. EMBO Journal, 1995, 14, 1773-1784.	3.5	208
3	Petunia hybrida genes related to the maize regulatory C1 gene and to animal myb proto-oncogenes. Plant Journal, 1993, 3, 553-562.	2.8	90
4	The YNT1 gene encoding the nitrate transporter in the yeast Hansenula polymorpha is clustered with genes YNI1 and YNR1 encoding nitrite reductase and nitrate reductase, and its disruption causes inability to grow in nitrate. Biochemical Journal, 1997, 321, 397-403.	1.7	86
5	Oxidative Stress in Granulosa-Lutein Cells From In Vitro Fertilization Patients. Reproductive Sciences, 2016, 23, 1656-1661.	1.1	59
6	Expression of the Î²-subunit isoforms of the Na, K-ATpase in rat embryo tissues, inner ear and choroid plexus. Biology of the Cell, 1994, 81, 215-222.	0.7	57
7	Expression of the Î²1 and Î²2(AMOG) subunits of the Na,K-ATPase in neural tissues: Cellular and developmental distribution patterns. Brain Research Bulletin, 1996, 40, 167-174.	1.4	50
8	Apoptosis of cultured granulosa-lutein cells is reduced by insulin-like growth factor I and may correlate with embryo fragmentation and pregnancy rate. Fertility and Sterility, 2006, 85, 474-480.	0.5	50
9	The genes YNI1 and YNR1, encoding nitrite reductase and nitrate reductase respectively in the yeast Hansenula polymorpha, are clustered and co-ordinately regulated. Biochemical Journal, 1996, 317, 89-95.	1.7	46
10	Clustering of the YNA1 gene encoding a Zn(II)2Cys6 transcriptional factor in the yeast Hansenula polymorpha with the nitrate assimilation genes YNT1, YNI1 and YNR1, and its involvement in their transcriptional activation. Biochemical Journal, 1998, 335, 647-652.	1.7	46
11	The Ovarian Renin-Angiotensin System (OVRAS): A Major Factor in Ovarian Function and Disease. Reproductive Sciences, 2016, 23, 1644-1655.	1.1	43
12	Cloning and disruption of theYNR1gene encoding the nitrate reductase apoenzyme of the yeastHansenula polymorpha. FEBS Letters, 1995, 366, 137-142.	1.3	38
13	Patients with endometriosis and patients with poor ovarian reserve have abnormal follicle-stimulating hormone receptor signaling pathways. Fertility and Sterility, 2011, 95, 2373-2378.	0.5	36
14	Na,K-ATPase Isozymes in Colorectal Cancer and Liver Metastases. Frontiers in Physiology, 2016, 7, 9.	1.3	34
15	hIscA: a protein implicated in the biogenesis of ironâ€“sulfur clusters. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2004, 1700, 179-188.	1.1	32
16	Regeneration influences expression of the Na+,K+-atpase subunit isoforms in the rat peripheral nervous system. Neuroscience, 2004, 129, 691-702.	1.1	31
17	A second Zn(II)2Cys6transcriptional factor encoded by theYNA2gene is indispensable for the transcriptional activation of the genes involved in nitrate assimilation in the yeastHansenula polymorpha. Yeast, 2002, 19, 537-544.	0.8	23
18	Cloning, sequencing, and expression ofH.a.YNR1 andH.a.YNI1, encoding nitrate and nitrite reductases in the yeastHansenula anomala. Yeast, 2000, 16, 1099-1105.	0.8	20

#	Article	IF	Citations
19	Opposite Expression Pattern of the Human Na, K-ATPase ?1 Isoform in Stomach and Colon Adenocarcinomas. Annals of the New York Academy of Sciences, 1997, 834, 653-655.	1.8	19
20	Expression Levels of the Oxidative Stress Response Gene ALDH3A2 in Granulosa-Lutein Cells Are Related to Female Age and Infertility Diagnosis. Reproductive Sciences, 2016, 23, 604-609.	1.1	19
21	Expression and localization of the immunophilin FKBP51 in colorectal carcinomas and primary metastases, and alterations following oxaliplatin-based chemotherapy. Oncology Letters, 2016, 12, 1315-1322.	0.8	17
22	Granulosa-Lutein Cell Sirtuin Gene Expression Profiles Differ between Normal Donors and Infertile Women. International Journal of Molecular Sciences, 2020, 21, 295.	1.8	16
23	Structure and expression of the human Na,K-ATPase Î²2-subunit gene. Gene, 1998, 208, 221-227.	1.0	15
24	Expression of angiotensin II type 1 (AT1) and angiotensin II type 2 (AT2) receptors in human granulosa-lutein (GL) cells: correlation with infertility diagnoses. Fertility and Sterility, 2010, 93, 1601-1608.	0.5	15
25	Cell sources for cartilage repair Contribution of the mesenchymal perivascular niche. Frontiers in Bioscience - Scholar, 2012, S4, 1275-1294.	0.8	14
26	The Na, K-ATPase Î²-Subunit Isoforms Expression in Glioblastoma Multiforme: Moonlighting Roles. International Journal of Molecular Sciences, 2017, 18, 2369.	1.8	14
27	FSH receptor, KL1/2, P450, and PAPP genes in granulosa-lutein cells from in vitro fertilization patients show a different expression pattern depending on the infertility diagnosis. Fertility and Sterility, 2010, 94, 99-104.	0.5	13
28	Changes in leukocyte gene expression profiles induced by antineoplastic chemotherapy. Oncology Letters, 2012, 3, 1341-1349.	0.8	13
29	Expression and cellular localization of Na,K-ATPase isoforms in the rat ventral prostate. BJU International, 2003, 92, 793-802.	1.3	12
30	Angiotensin II induces apoptosis in human mural granulosa-lutein cells, but not in cumulus cells. Fertility and Sterility, 2009, 91, 1984-1989.	0.5	12
31	IQGAP1 in Podosomes/Invadosomes Is Involved in the Progression of Glioblastoma Multiforme Depending on the Tumor Status. International Journal of Molecular Sciences, 2017, 18, 150.	1.8	12
32	Commitment of Scaffold Proteins in the Onco-Biology of Human Colorectal Cancer and Liver Metastases after Oxaliplatin-Based Chemotherapy. International Journal of Molecular Sciences, 2017, 18, 891.	1.8	12
33	Alterations in IQGAP1 expression and localization in colorectal carcinoma and liver metastases following oxaliplatin-based chemotherapy. Oncology Letters, 2017, 14, 2621-2628.	0.8	11
34	Nitrite causes reversible inactivation of nitrate reductase in the yeast Hansenula anomala. Microbiology (United Kingdom), 1994, 140, 2633-2637.	0.7	10
35	Differential Transcriptome Profile of Peripheral White Cells to Identify Biomarkers Involved in Oxaliplatin Induced Neuropathy. Journal of Personalized Medicine, 2014, 4, 282-296.	1.1	9
36	Disproportion in Pericyte/Endothelial Cell Proliferation and Mechanisms of Intussusceptive Angiogenesis Participate in Bizarre Vessel Formation in Glioblastoma. Cells, 2021, 10, 2625.	1.8	8

#	Article	IF	Citations
37	Celastrol and Melatonin Modify SIRT1, SIRT6 and SIRT7 Gene Expression and Improve the Response of Human Granulosa-Lutein Cells to Oxidative Stress. Antioxidants, 2021, 10, 1871.	2.2	8
38	Autoantigenic nuclear proteins of a clinically atypical renal vasculitis. Journal of Autoimmune Diseases, 2008, 5, 3.	1.0	6
39	AmotL2, IQGAP1, and FKBP51 Scaffold Proteins in Glioblastoma Stem Cell Niches. Journal of Histochemistry and Cytochemistry, 2022, 70, 9-16.	1.3	6
40	IQGAP1, AmotL2, and FKBP51 Scaffoldins in the Glioblastoma Microenvironment. Journal of Histochemistry and Cytochemistry, 2019, 67, 481-494.	1.3	5
41	Chromatin structure analysis of the rat Na, K-ATPase Î²2 gene 5â€²-flanking region. International Journal of Biochemistry and Cell Biology, 2002, 34, 632-644.	1.2	4
42	Na K -ATPase genes are down-regulated during adipose stem cell differentiation. Frontiers in Bioscience - Elite, 2011, E3, 1229-1240.	0.9	4
43	The Neuronal-Specific SGK1.1 (SGK1_v2) Kinase as a Transcriptional Modulator of BAG4, Brox, and PPP1CB Genes Expression. International Journal of Molecular Sciences, 2015, 16, 7462-7477.	1.8	4
44	Cellular and Developmental Distribution of the Na, K-ATPase ? Subunit Isoforms of Neural Tissues. Annals of the New York Academy of Sciences, 1997, 834, 110-114.	1.8	3
45	Glucose-induced oxidative stress is associated with increased ALDH3A2 expression and altered response to FSH in cultured human granulosa-lutein cells (GI cells) from young oocyte donors. Fertility and Sterility, 2013, 100, S427.	0.5	3
46	Celastrol Prevents Oxidative Stress Effects on FSHR, PAPP, and CYP19A1 Gene Expression in Cultured Human Granulosa-Lutein Cells. International Journal of Molecular Sciences, 2021, 22, 3596.	1.8	3
47	Effect of Angiotensin II (AngII) on Apoptosis of Human Granulosa-Lutein Cells: A Correlation With IVF Outcome. Fertility and Sterility, 2005, 84, S416-S417.	0.5	2
48	Molecular-Morphological Relationships of the Scaffold Protein FKBP51 and Inflammatory Processes in Knee Osteoarthritis. Cells, 2021, 10, 2196.	1.8	2
49	FKBP51, AmotL2 and IQGAP1 Involvement in Cilastatin Prevention of Cisplatin-Induced Tubular Nephrotoxicity in Rats. Cells, 2022, 11, 1585.	1.8	2
50	Na⁺,K⁺â€ATPase Subunit Isoforms of the Developing Central Nervous System of the Lizard Gallotia galloti. Annals of the New York Academy of Sciences, 2003, 986, 608-610.	1.8	1
51	Genetic Profiling of Glucocorticoid (NR3C1) and Mineralocorticoid (NR3C2) Receptor Polymorphisms before Starting Therapy with Androgen Receptor Inhibitors: A Study of a Patient Who Developed Toxic Myocarditis after Enzalutamide Treatment. Biomedicines, 2022, 10, 1271.	1.4	1
52	Correlation of apoptosis in cultured granulosa-lutein cells from women undergoing in vitro fertilization (IVF) with the IVF outcome. Fertility and Sterility, 2004, 82, S55.	0.5	0
53	O-204. Fertility and Sterility, 2006, 86, S87-S88.	0.5	0
54	Triggering final oocyte maturation with a GnRH agonist does not affect apoptosis of follicular granulosa-lutein cells. Fertility and Sterility, 2007, 88, S173-S174.	0.5	0

#	Article	IF	Citations
55	The SLC47A1 gene as a marker of chemical cytotoxity in granulosa-lutein cells and its relationship with IVF outcome. Fertility and Sterility, 2011, 96, S26.	0.5	0
56	Expression of lipid oxidative stress-related gene ALDH3A2 (aldehyde dehydrogenase 3 family, member) Tj ETQq0 0 0 rgBT /Overlock 10 T Sterility, 2012, 98, S238-S239.	0.5	0
57	Relationship between expression of SIRT1 and SIRT6 genes and the response to ovarian stimulation. Fertility and Sterility, 2015, 104, e109.	0.5	0