

Pablo Martín-Vasallo

List of Publications by Year in descending order

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62
papers

2,285
citations

257450

24
h-index

214800

47
g-index

71
all docs

71
docs citations

71
times ranked

3000
citing authors

#	ARTICLE	IF	CITATIONS
1	Pericytes. Morphofunction, interactions and pathology in a quiescent and activated mesenchymal cell niche. <i>Histology and Histopathology</i> , 2009, 24, 909-69.	0.7	451
2	Na ⁺ , K ⁺ -ATPase Isozyme Diversity; Comparative Biochemistry and Physiological Implications of Novel Functional Interactions. <i>Bioscience Reports</i> , 2000, 20, 51-91.	2.4	280
3	Isoforms of Na,K-ATPase α and β Subunits in the Rat Cerebellum and in Granule Cell Cultures. <i>Journal of Neuroscience</i> , 1997, 17, 3488-3502.	3.6	149
4	Regional expression of sodium pump subunits isoforms and Na ⁺ -Ca ⁺⁺ exchanger in the human heart.. <i>Journal of Clinical Investigation</i> , 1996, 98, 1650-1658.	8.2	97
5	Cilastatin protects against cisplatin-induced nephrotoxicity without compromising its anticancer efficiency in rats. <i>Kidney International</i> , 2012, 82, 652-663.	5.2	81
6	The Molar Ratios of α and β Subunits of the Na ⁺ -K ⁺ -ATPase Differ in Distinct Subcellular Membranes from Rat Skeletal Muscle. <i>Biochemistry</i> , 1997, 36, 7726-7732.	2.5	74
7	Expression of Na,K-ATPase alpha subunit isoforms in the human ciliary body and cultured ciliary epithelial cells. <i>Journal of Cellular Physiology</i> , 1989, 141, 243-252.	4.1	72
8	The chondrocyte channelome: A narrative review. <i>Joint Bone Spine</i> , 2019, 86, 29-35.	1.6	60
9	Expression of the β -subunit isoforms of the Na, K-ATPase in rat embryo tissues, inner ear and choroid plexus. <i>Biology of the Cell</i> , 1994, 81, 215-222.	2.0	57
10	Expression of multiple Na ⁺ ,K ⁺ -ATPase genes reveals a gradient of isoforms along the nonpigmented ciliary epithelium: Functional implications in aqueous humor secretion. <i>Journal of Cellular Physiology</i> , 1991, 149, 184-194.	4.1	51
11	Expression of the β 1 and β 2(AMOG) subunits of the Na,K-ATPase in neural tissues: Cellular and developmental distribution patterns. <i>Brain Research Bulletin</i> , 1996, 40, 167-174.	3.0	50
12	Aquaporin water channels AQP1 and AQP3, are expressed in equine articular chondrocytes. <i>Veterinary Journal</i> , 2004, 168, 143-150.	1.7	50
13	Human articular chondrocytes, synoviocytes and synovial microvessels express aquaporin water channels; upregulation of AQP1 in rheumatoid arthritis. <i>Histology and Histopathology</i> , 2004, 19, 435-44.	0.7	50
14	Lewy bodies in tyrosine hydroxylase-synthesizing neurons of the human cerebral cortex. <i>Neuroscience Letters</i> , 1989, 106, 49-54.	2.1	47
15	ATPase pumps in osteoclasts and osteoblasts. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 459-476.	2.8	47
16	Novel interactions of CLN3 protein link Batten disease to dysregulation of fodrin. Na ⁺ , K ⁺ ATPase complex. <i>Experimental Cell Research</i> , 2008, 314, 2895-2905.	2.6	45
17	Increased expression of ATP12A proton pump in cystic fibrosis airways. <i>JCI Insight</i> , 2018, 3, .	5.0	43
18	Patients with endometriosis and patients with poor ovarian reserve have abnormal follicle-stimulating hormone receptor signaling pathways. <i>Fertility and Sterility</i> , 2011, 95, 2373-2378.	1.0	36

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19	Insulin stimulation of K ⁺ uptake in 3T3-L1 fibroblasts involves phosphatidylinositol 3-kinase and protein kinase C-zeta. <i>Diabetologia</i> , 1998, 41, 1199-1204.	6.3	35
20	Differential cellular expression of FXD1 (phospholemman) and FXD2 (gamma subunit of Na, K-ATPase) in normal human tissues: A study using high density human tissue microarrays. <i>Annals of Anatomy</i> , 2010, 192, 7-16.	1.9	35
21	Na,K-ATPase Isozymes in Colorectal Cancer and Liver Metastases. <i>Frontiers in Physiology</i> , 2016, 7, 9.	2.8	34
22	Epithelial Na, K-ATPase expression is down-regulated in canine prostate cancer; a possible consequence of metabolic transformation in the process of prostate malignancy. <i>Cancer Cell International</i> , 2003, 3, 8.	4.1	31
23	Regeneration influences expression of the Na ⁺ ,K ⁺ -atpase subunit isoforms in the rat peripheral nervous system. <i>Neuroscience</i> , 2004, 129, 691-702.	2.3	31
24	Oligodendrocytes in brain and optic nerve express the β 3 subunit isoform of Na,K-ATPase. <i>Glia</i> , 2000, 31, 206-218.	4.9	30
25	Opposite Expression Pattern of the Human Na, K-ATPase β 1 Isoform in Stomach and Colon Adenocarcinomas. <i>Annals of the New York Academy of Sciences</i> , 1997, 834, 653-655.	3.8	19
26	Expression Levels of the Oxidative Stress Response Gene ALDH3A2 in Granulosa-Lutein Cells Are Related to Female Age and Infertility Diagnosis. <i>Reproductive Sciences</i> , 2016, 23, 604-609.	2.5	19
27	Epithelial sodium channels in skeletal cells; a role in mechanotransduction?. <i>Cell Biology International</i> , 1999, 23, 237-240.	3.0	17
28	Expression and localization of the immunophilin FKBP51 in colorectal carcinomas and primary metastases, and alterations following oxaliplatin-based chemotherapy. <i>Oncology Letters</i> , 2016, 12, 1315-1322.	1.8	17
29	Granulosa-Lutein Cell Sirtuin Gene Expression Profiles Differ between Normal Donors and Infertile Women. <i>International Journal of Molecular Sciences</i> , 2020, 21, 295.	4.1	16
30	CD34 ⁺ Stromal Cells/Telocytes as a Source of Cancer-Associated Fibroblasts (CAFs) in Invasive Lobular Carcinoma of the Breast. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3686.	4.1	16
31	Structure and expression of the human Na,K-ATPase β 2-subunit gene. <i>Gene</i> , 1998, 208, 221-227.	2.2	15
32	Cell sources for cartilage repair Contribution of the mesenchymal perivascular niche. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 1275-1294.	2.1	14
33	The Na, K-ATPase β 2-Subunit Isoforms Expression in Glioblastoma Multiforme: Moonlighting Roles. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2369.	4.1	14
34	Evidence that human endothelial cells express different isoforms of Na,K-ATPase. <i>Journal of Hypertension</i> , 1998, 16, 145-150.	0.5	13
35	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. <i>Fertility and Sterility</i> , 2010, 94, 99-104.	1.0	13
36	Changes in leukocyte gene expression profiles induced by antineoplastic chemotherapy. <i>Oncology Letters</i> , 2012, 3, 1341-1349.	1.8	13

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37	Expression and cellular localization of Na,K-ATPase isoforms in the rat ventral prostate. <i>BJU International</i> , 2003, 92, 793-802.	2.5	12
38	Na ⁺ , K ⁺ -ATPase Subunit Composition in a Human Chondrocyte Cell Line; Evidence for the Presence of $\hat{1}$, $\hat{1}\pm 3$, $\hat{1}^2$, $\hat{1}^2$ and $\hat{1}^3$ Isoforms. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5019-5034.	4.1	12
39	IQGAP1 in Podosomes/Invadosomes Is Involved in the Progression of Glioblastoma Multiforme Depending on the Tumor Status. <i>International Journal of Molecular Sciences</i> , 2017, 18, 150.	4.1	12
40	Commitment of Scaffold Proteins in the Onco-Biology of Human Colorectal Cancer and Liver Metastases after Oxaliplatin-Based Chemotherapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 891.	4.1	12
41	Alterations in IQGAP1 expression and localization in colorectal carcinoma and liver metastases following oxaliplatin-based chemotherapy. <i>Oncology Letters</i> , 2017, 14, 2621-2628.	1.8	11
42	Na,K-ATPase Isoforms in Pregnant and Nonpregnant Rat Uterus. <i>Annals of the New York Academy of Sciences</i> , 2003, 986, 614-616.	3.8	10
43	Expression and Distribution of Na, K-ATPase Isoforms in the Human Uterus. <i>Reproductive Sciences</i> , 2010, 17, 366-376.	2.5	10
44	Differential Transcriptome Profile of Peripheral White Cells to Identify Biomarkers Involved in Oxaliplatin Induced Neuropathy. <i>Journal of Personalized Medicine</i> , 2014, 4, 282-296.	2.5	9
45	Disproportion in Pericyte/Endothelial Cell Proliferation and Mechanisms of Intussusceptive Angiogenesis Participate in Bizarre Vessel Formation in Glioblastoma. <i>Cells</i> , 2021, 10, 2625.	4.1	8
46	Celastrol and Melatonin Modify SIRT1, SIRT6 and SIRT7 Gene Expression and Improve the Response of Human Granulosa-Lutein Cells to Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 1871.	5.1	8
47	Autoantigenic nuclear proteins of a clinically atypical renal vasculitis. <i>Journal of Autoimmune Diseases</i> , 2008, 5, 3.	1.0	6
48	Physiological Effects of the Electrogenic Current Generated by the Na ⁺ /K ⁺ Pump in Mammalian Articular Chondrocytes. <i>Bioelectricity</i> , 2020, 2, 258-268.	1.1	6
49	AmotL2, IQGAP1, and FKBP51 Scaffold Proteins in Glioblastoma Stem Cell Niches. <i>Journal of Histochemistry and Cytochemistry</i> , 2022, 70, 9-16.	2.5	6
50	Extracellular multivesicular bodies in tissues affected by inflammation/repair and tumors. <i>Ultrastructural Pathology</i> , 2018, 42, 448-457.	0.9	5
51	IQGAP1, AmotL2, and FKBP51 Scaffoldins in the Glioblastoma Microenvironment. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 481-494.	2.5	5
52	Chromatin structure analysis of the rat Na, K-ATPase $\hat{1}^2$ gene 5' flanking region. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 632-644.	2.8	4
53	Na K -ATPase genes are down-regulated during adipose stem cell differentiation. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 1229-1240.	1.8	4
54	The Neuronal-Specific SGK1.1 (SGK1_v2) Kinase as a Transcriptional Modulator of BAG4, Brox, and PPP1CB Genes Expression. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7462-7477.	4.1	4

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55	Over-Production of Therapeutic Growth Factors for Articular Cartilage Regeneration by Protein Production Platforms and Protein Packaging Cell Lines. <i>Biology</i> , 2020, 9, 330.	2.8	4
56	Cellular and Developmental Distribution of the Na, K-ATPase α Subunit Isoforms of Neural Tissues. <i>Annals of the New York Academy of Sciences</i> , 1997, 834, 110-114.	3.8	3
57	Expression and Cellular Localization of Na,K-ATPase Isoforms in Dog Prostate in Health and Disease. <i>Annals of the New York Academy of Sciences</i> , 2003, 986, 708-710.	3.8	3
58	Celastrol Prevents Oxidative Stress Effects on FSHR, PAPP, and CYP19A1 Gene Expression in Cultured Human Granulosa-Lutein Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3596.	4.1	3
59	Molecular-Morphological Relationships of the Scaffold Protein FKBP51 and Inflammatory Processes in Knee Osteoarthritis. <i>Cells</i> , 2021, 10, 2196.	4.1	2
60	FKBP51, AmotL2 and IQGAP1 Involvement in Cilastatin Prevention of Cisplatin-Induced Tubular Nephrotoxicity in Rats. <i>Cells</i> , 2022, 11, 1585.	4.1	2
61	Na ⁺ ,K ⁺ -ATPase Subunit Isoforms of the Developing Central Nervous System of the Lizard <i>Gallotia galloti</i> . <i>Annals of the New York Academy of Sciences</i> , 2003, 986, 608-610.	3.8	1
62	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. <i>Biomedicines</i> , 2022, 10, 1271.	3.2	1