

Leandro Fernandez-Perez

List of Publications by Year in descending order

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74
papers

1,763
citations

257450

24
h-index

289244

40
g-index

77
all docs

77
docs citations

77
times ranked

3022
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppressor of cytokine signaling (SOCS) 2, a protein with multiple functions. Cytokine and Growth Factor Reviews, 2006, 17, 431-439.	7.2	168
2	Partial recessive IFN- γ R1 deficiency: genetic, immunological and clinical features of 14 patients from 11 kindreds. Human Molecular Genetics, 2011, 20, 1509-1523.	2.9	102
3	Simultaneous Tyrosine and Serine Phosphorylation of STAT3 Transcription Factor Is Involved in Rho A GTPase Oncogenic Transformation. Molecular Biology of the Cell, 2001, 12, 3282-3294.	2.1	101
4	Transition to androgen-independence in prostate cancer. Journal of Steroid Biochemistry and Molecular Biology, 2002, 81, 191-201.	2.5	88
5	Patterns of Liver Gene Expression Governed by TR α . Molecular Endocrinology, 2002, 16, 1257-1268.	3.7	78
6	In Vivo Transcript Profiling and Phylogenetic Analysis Identifies Suppressor of Cytokine Signaling 2 as a Direct Signal Transducer and Activator of Transcription 5b Target in Liver. Molecular Endocrinology, 2007, 21, 293-311.	3.7	70
7	The Mevalonate Pathway, a Metabolic Target in Cancer Therapy. Frontiers in Oncology, 2021, 11, 626971.	2.8	64
8	SOCS2 deletion protects against hepatic steatosis but worsens insulin resistance in high-fat diet fed mice. FASEB Journal, 2012, 26, 3282-3291.	0.5	62
9	Gene polymorphisms in TYMS, MTHFR, p53 and MDR1 as risk factors for breast cancer: A case-control study. Oncology Reports, 2009, 22, 1425-33.	2.6	58
10	Ezrin mediates c-Myc actions in prostate cancer cell invasion. Oncogene, 2010, 29, 1531-1542.	5.9	58
11	Modulation of Oxidative Stress by Ozone Therapy in the Prevention and Treatment of Chemotherapy-Induced Toxicity: Review and Prospects. Antioxidants, 2019, 8, 588.	5.1	57
12	SOCS2 mediates the cross talk between androgen and growth hormone signaling in prostate cancer. Carcinogenesis, 2014, 35, 24-33.	2.8	42
13	Exploring hepatic hormone actions using a compilation of gene expression profiles. BMC Physiology, 2005, 5, 8.	3.6	39
14	Hormonal and nutritional regulation of alternative CD36 transcripts in rat liver – a role for growth hormone in alternative exon usage. BMC Molecular Biology, 2007, 8, 60.	3.0	39
15	IGF-II regulates metastatic properties of choriocarcinoma cells through the activation of the insulin receptor. Molecular Human Reproduction, 2007, 13, 567-576.	2.8	35
16	Role of Pituitary Hormones on 17 β -Ethinylestradiol-Induced Cholestasis in Rat. Journal of Pharmacology and Experimental Therapeutics, 2007, 320, 695-705.	2.5	31
17	Distribution of TYMS, MTHFR, p53 and MDR1 gene polymorphisms in patients with breast cancer treated with neoadjuvant chemotherapy. Cancer Epidemiology, 2010, 34, 634-638.	1.9	30
18	Constitutive gene expression profile segregates toxicity in locally advanced breast cancer patients treated with high-dose hyperfractionated radical radiotherapy. Radiation Oncology, 2009, 4, 17.	2.7	29

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19	Is sprint exercise a leptin signaling mimetic in human skeletal muscle?. <i>Journal of Applied Physiology</i> , 2011, 111, 715-725.	2.5	29
20	Skeletal muscle signaling response to sprint exercise in men and women. <i>European Journal of Applied Physiology</i> , 2012, 112, 1917-1927.	2.5	28
21	Lawson, Juglone, and $\hat{1}^2$ -Lapachone Derivatives with Enhanced Mitochondrial-Based Toxicity. <i>ACS Chemical Biology</i> , 2018, 13, 1950-1957.	3.4	28
22	Synthesis and in vitro antiprotozoal evaluation of substituted phenalenone analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4530-4534.	3.0	27
23	Estrogens Regulate the Hepatic Effects of Growth Hormone, a Hormonal Interplay with Multiple Fates. <i>Frontiers in Endocrinology</i> , 2013, 4, 66.	3.5	27
24	Cytotoxic Triterpenoids from <i>Maytenus retusa</i> . <i>Journal of Natural Products</i> , 2010, 73, 2029-2034.	3.0	25
25	Signal transducer and activator of transcription (STAT)-5: an opportunity for drug development in oncohematology. <i>Oncogene</i> , 2019, 38, 4657-4668.	5.9	24
26	Downregulation of the growth hormone-induced Janus kinase 2/signal transducer and activator of transcription 5 signaling pathway requires an intact actin cytoskeleton. <i>Experimental Cell Research</i> , 2004, 294, 269-280.	2.6	21
27	Synthesis and study of antiproliferative, antitopoisomerase II, DNA-intercalating and DNA-damaging activities of aryl-naphthalimides. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6484-6495.	3.0	21
28	Simvastatin Impairs Growth Hormone-Activated Signal Transducer and Activator of Transcription (STAT) Signaling Pathway in UMR-106 Osteosarcoma Cells. <i>PLoS ONE</i> , 2014, 9, e87769.	2.5	21
29	Validation of a differential PCR and an ELISA procedure in studying HER-2/neu status in breast cancer. <i>International Journal of Cancer</i> , 1996, 65, 129-133.	5.1	20
30	Photoaffinity Labeling Identification of a Specific Binding Protein for the Anabolic Steroids Stanozolol and Danazol: An Oligomeric Protein Regulated by Age, Pituitary Hormones, and Ethinyl Estradiol. <i>Endocrinology</i> , 2000, 141, 3377-3387.	2.8	20
31	LXR Signaling Regulates Macrophage Survival and Inflammation in Response to Ionizing Radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 913-923.	0.8	20
32	Unique SERM-like properties of the novel fluorescent tamoxifen derivative FLTX1. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 898-910.	4.3	19
33	Synthesis and Antiplasmodial Activity of 1,2,3-Triazole-Naphthoquinone Conjugates. <i>Molecules</i> , 2019, 24, 3917.	3.8	19
34	Influence of Neonatal Hypothyroidism on Hepatic Gene Expression and Lipid Metabolism in Adulthood. <i>PLoS ONE</i> , 2012, 7, e37386.	2.5	18
35	Indium catalyzed solvent-free multicomponent synthesis of cytotoxic dibenzo[a,h]anthracenes from aldehydes, 2-hydroxy-1,4-naphthoquinone, and 2-naphthol. <i>Tetrahedron</i> , 2014, 70, 8480-8487.	1.9	18
36	Microsatellite instability and ploidy status define three categories with distinctive prognostic impact in endometrioid endometrial cancer. <i>Oncotarget</i> , 2014, 5, 6206-6217.	1.8	16

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37	The effect of <i>in vivo</i> growth hormone treatment on blood gene expression in adults with growth hormone deficiency reveals potential biomarkers to monitor growth hormone therapy. <i>Clinical Endocrinology</i> , 2010, 72, 800-806.	2.4	14
38	Modulation by Ozone Therapy of Oxidative Stress in Chemotherapy-Induced Peripheral Neuropathy: The Background for a Randomized Clinical Trial. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2802.	4.1	14
39	Lipid Profiling and Transcriptomic Analysis Reveals a Functional Interplay between Estradiol and Growth Hormone in Liver. <i>PLoS ONE</i> , 2014, 9, e96305.	2.5	13
40	The two native estrogen receptor forms of 8S and 4S present in cytosol from human uterine tissues display opposite reactivities with the antiestrogen tamoxifen aziridine and the estrogen responsive element. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1998, 64, 49-58.	2.5	11
41	Sex steroids and growth hormone interactions. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2016, 63, 171-180.	0.8	11
42	Searching for novel molecular targets of chronic rejection in an orthotopic experimental lung transplantation model. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 213-221.	0.6	10
43	Ozone Therapy Protects Against Rejection in a Lung Transplantation Model: A New Treatment?. <i>Annals of Thoracic Surgery</i> , 2017, 104, 458-464.	1.3	10
44	A Novel Naphthoquinone-Coumarin Hybrid That Inhibits BCR-ABL1-STAT5 Oncogenic Pathway and Reduces Survival in Imatinib-Resistant Chronic Myelogenous Leukemia Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 1546.	3.5	10
45	Stanozolol and danazol, unlike natural androgens, interact with the low affinity glucocorticoid-binding sites from male rat liver microsomes. <i>Endocrinology</i> , 1994, 134, 1401-1408.	2.8	10
46	CM363, a novel naphthoquinone derivative which acts as multikinase modulator and overcomes imatinib resistance in chronic myelogenous leukemia. <i>Oncotarget</i> , 2017, 8, 29679-29698.	1.8	10
47	TYMS, MTHFR, p53 and MDR1 gene polymorphisms in breast cancer patients treated with adjuvant therapy. <i>Cancer Epidemiology</i> , 2010, 34, 490-493.	1.9	7
48	<i>In vitro</i> activity of 1 H -phenalen-1-one derivatives against <i>Acanthamoeba castellanii</i> Neff and their mechanisms of cell death. <i>Experimental Parasitology</i> , 2017, 183, 218-223.	1.2	7
49	Estrogen antagonism on T3 and growth hormone control of the liver microsomal low-affinity glucocorticoid binding site (LAGS). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1997, 63, 219-228.	2.5	6
50	Liver X receptor agonist downregulates growth hormone signaling in the liver. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2011, 8, 471-8.	0.7	6
51	Suppressor of cytokine signaling 2 (SOCS2) deletion protects against multiple low dose streptozotocin-induced type 1 diabetes in adult male mice. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016, 26, 67-76.	0.7	6
52	Age-related changes in the induction of tyrosine aminotransferase by dexamethasone: correlation with the low-affinity glucocorticoid binding sites. <i>Mechanisms of Ageing and Development</i> , 1994, 75, 227-238.	4.6	5
53	Steroid binding sites in liver membranes: Interplay between glucocorticoids, sex steroids, and pituitary hormones. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 109, 336-343.	2.5	5
54	The Influence of Estrogens on the Biological and Therapeutic Actions of Growth Hormone in the Liver. <i>Pharmaceuticals</i> , 2012, 5, 758-778.	3.8	5

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55	Synthesis of 4,4'-diaminotriphenylmethanes with Potential Selective Estrogen Receptor Modulator (SERM)-like Activity. <i>ChemMedChem</i> , 2015, 10, 1403-1412.	3.2	5
56	5-Ethynylaryl naphthalimides as antitumor agents: Synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1976-1983.	3.0	5
57	Modular Synthesis and Antiproliferative Activity of New Dihydro-1H-pyrazolo[1,3-b]pyridine Embelin Derivatives. <i>Pharmaceuticals</i> , 2021, 14, 1026.	3.8	5
58	Pulsed ultrasounds accelerate healing of rib fractures in an experimental animal model: An effective new thoracic therapy?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 141, 1253-1258.	0.8	4
59	Sex steroids and growth hormone interactions. <i>Endocrinología Y Nutrición (English Edition)</i> , 2016, 63, 171-180.	0.5	4
60	Synthesis, characterization and antiproliferative activity of mixed ligand complexes of Cu ²⁺ and Co ²⁺ with lapachol. <i>Polyhedron</i> , 2019, 165, 73-78.	2.2	4
61	The role of growth hormone in regulation of low affinity glucocorticoid-binding sites from male rat liver microsomes. <i>Endocrinology</i> , 1994, 134, 1409-1415.	2.8	4
62	JKST6, a novel multikinase modulator of the BCR-ABL1/STAT5 signaling pathway that potentiates direct BCR-ABL1 inhibition and overcomes imatinib resistance in chronic myelogenous leukemia. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112330.	5.6	4
63	The estradiol induction of the microsomal low-affinity glucocorticoid binding sites (LAGS) in the male rat liver is independent of the endocrine status. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1992, 41, 757-760.	2.5	3
64	Solubilization and photoaffinity labeling identification of glucocorticoid binding peptides in endoplasmic reticulum from rat liver. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 84, 245-253.	2.5	3
65	Photoaffinity labeling identification of thyroid hormone-regulated glucocorticoid-binding peptides in rat liver endoplasmic reticulum: an oligomeric protein with high affinity for 16 β -hydroxylated stanozolol. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2003, 87, 253-264.	2.5	2
66	Growth Hormone Receptor Signaling Pathways and its Negative Regulation by SOCS2. , 2016, , .		2
67	Outbreak and Eradication of Tropical Rat Mite (Acari: Macronyssidae) in a European Animal Facility. <i>Journal of Medical Entomology</i> , 2018, 55, 468-471.	1.8	2
68	Design, Semisynthesis, and Estrogenic Activity of Lignan Derivatives from Natural Dibenzylbutyrolactones. <i>Pharmaceuticals</i> , 2022, 15, 585.	3.8	2
69	Autologous platelet-poor plasma decreases the bronchial stump necrosis in rat. <i>Journal of Surgical Research</i> , 2013, 183, 68-74.	1.6	1
70	Control of Liver Gene Expression by Sex Steroids and Growth Hormone Interplay. , 2020, , .		1
71	JAK, an Oncokinase in Hematological Cancer. , 2019, , .		0
72	Estrogens in the Control of Growth Hormone Actions in Liver. , 0, , .		0

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73	Analysis of Growth Hormone Effects on Hepatic Gene Expression in Hypophysectomized Rats. , 2008, , 41-66.		0
74	Quantitative analysis of p185HER2neu protein in breast cancer and its association with other prognostic factors. International Journal of Cancer, 1997, 74, 175-179.	5.1	0