

RocÃ- o GarcÃ-a-Becerra

List of Publications by Year in descending order

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47
papers

1,312
citations

361413

20
h-index

361022

35
g-index

47
all docs

47
docs citations

47
times ranked

2239
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Resistance to Endocrine Therapy in Breast Cancer: Focus on Signaling Pathways, miRNAs and Genetically Based Resistance. <i>International Journal of Molecular Sciences</i> , 2013, 14, 108-145.	4.1	203
2	Multimeric System of ^{99m} Tc-Labeled Gold Nanoparticles Conjugated to c[RGDFK(C)] for Molecular Imaging of Tumor β 2(3) Expression. <i>Bioconjugate Chemistry</i> , 2011, 22, 913-922.	3.6	114
3	Preclinical and clinical aspects of TNF- β and its receptors TNFR1 and TNFR2 in breast cancer. <i>Journal of Biomedical Science</i> , 2017, 24, 90.	7.0	81
4	Estrogens and Human Papilloma Virus Oncogenes Regulate Human β 2(3) Potassium Channel Expression. <i>Cancer Research</i> , 2009, 69, 3300-3307.	0.9	74
5	Astemizole Synergizes Calcitriol Antiproliferative Activity by Inhibiting CYP24A1 and Upregulating VDR: A Novel Approach for Breast Cancer Therapy. <i>PLoS ONE</i> , 2012, 7, e45063.	2.5	55
6	Design, preparation, in vitro and in vivo evaluation of ^{99m} Tc-N2S2-Tat(49-57)-bombesin: A target-specific hybrid radiopharmaceutical. <i>International Journal of Pharmaceutics</i> , 2009, 375, 75-83.	5.2	54
7	Efficacy and mechanism of action of the tyrosine kinase inhibitors gefitinib, lapatinib and neratinib in the treatment of HER2-positive breast cancer: preclinical and clinical evidence. <i>American Journal of Cancer Research</i> , 2015, 5, 2531-61.	1.4	50
8	Calcitriol inhibits β 2(3) potassium channel expression and cell proliferation in human breast cancer cells. <i>Experimental Cell Research</i> , 2010, 316, 433-442.	2.6	47
9	Calcitriol and its analogues enhance the antiproliferative activity of gefitinib in breast cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 148, 122-131.	2.5	45
10	Synergistic Antitumorigenic Activity of Calcitriol with Curcumin or Resveratrol is Mediated by Angiogenesis Inhibition in Triple Negative Breast Cancer Xenografts. <i>Cancers</i> , 2019, 11, 1739.	3.7	45
11	In vivo dual targeting of the oncogenic β 2(3) potassium channel by calcitriol and astemizole results in enhanced antineoplastic effects in breast tumors. <i>BMC Cancer</i> , 2014, 14, 745.	2.6	42
12	Calcitriol restores antiestrogen responsiveness in estrogen receptor negative breast cancer cells: A potential new therapeutic approach. <i>BMC Cancer</i> , 2014, 14, 230.	2.6	41
13	Regulation of progesterone receptor isoforms content in human astrocytoma cell lines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 113, 80-84.	2.5	36
14	The intrinsic transcriptional estrogenic activity of a non-phenolic derivative of levonorgestrel is mediated via the estrogen receptor- β . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2002, 82, 333-341.	2.5	30
15	Maternal Protein Restriction During Pregnancy and/or Lactation Negatively Affects Follicular Ovarian Development and Steroidogenesis in the Prepubertal Rat Offspring. <i>Archives of Medical Research</i> , 2014, 45, 294-300.	3.3	29
16	Calcitriol Inhibits the Proliferation of Triple-Negative Breast Cancer Cells through a Mechanism Involving the Proinflammatory Cytokines IL-1 β and TNF- α . <i>Journal of Immunology Research</i> , 2019, 2019, 1-11.	2.2	27
17	Calcitriol reduces thrombospondin-1 and increases vascular endothelial growth factor in breast cancer cells: Implications for tumor angiogenesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 215-222.	2.5	26
18	^{99m} Tc-N2S2-Tat (49-57)-bombesin internalized in nuclei of prostate and breast cancer cells. <i>Nuclear Medicine Communications</i> , 2011, 32, 303-313.	1.1	24

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19	Kit preparation and biokinetics in women of ^{99m}Tc -EDDA/HYNIC-E-[c(RGDfK)] ₂ for breast cancer imaging. <i>Nuclear Medicine Communications</i> , 2014, 35, 423-432.	1.1	23
20	Comparative evaluation of androgen and progesterone receptor transcription selectivity indices of 19-nortestosterone-derived progestins. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 91, 21-27.	2.5	22
21	Transcriptional regulation of the sodium-coupled neutral amino acid transporter (SNAT2) by $^{17}\beta$ -estradiol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11443-11448.	7.1	20
22	Calcitriol stimulates gene expression of cathelicidin antimicrobial peptide in breast cancer cells with different phenotype. <i>Journal of Biomedical Science</i> , 2016, 23, 78.	7.0	19
23	Regulation of LPA receptor function by estrogens. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 253-262.	4.1	17
24	Calcitriol stimulates prolactin expression in non-activated human peripheral blood mononuclear cells: Breaking paradigms. <i>Cytokine</i> , 2011, 55, 188-194.	3.2	17
25	Combinations of Calcitriol with Anticancer Treatments for Breast Cancer: An Update. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12741.	4.1	17
26	Synthesis and biological activity of two pregnane derivatives with a triazole or imidazole ring at C-21. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 159, 8-18.	2.5	15
27	Astemizole, an Inhibitor of Ether- γ _{1/2} -Go-Go-1 Potassium Channel, Increases the Activity of the Tyrosine Kinase Inhibitor Gefitinib in Breast Cancer Cells. <i>Revista De Investigacion Clinica</i> , 2019, 71, 186-194.	0.4	15
28	Design and biological evaluation of ^{99m}Tc -N2S2-Tat(49 α 57)-c(RGDyK): A hybrid radiopharmaceutical for tumors expressing $\alpha_5\beta_1$ integrins. <i>Nuclear Medicine and Biology</i> , 2013, 40, 481-487.	0.6	13
29	Synthetic 19-nortestosterone derivatives as estrogen receptor alpha subtype-selective ligands induce similar receptor conformational changes and steroid receptor coactivator recruitment than natural estrogens. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006, 99, 108-114.	2.5	11
30	The addition of calcitriol or its synthetic analog EB1089 to lapatinib and neratinib treatment inhibits cell growth and promotes apoptosis in breast cancer cells. <i>American Journal of Cancer Research</i> , 2017, 7, 1486-1500.	1.4	11
31	Preparation and in vitro evaluation of ^{177}Lu -iPSMA-RGD as a new heterobivalent radiopharmaceutical. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 2201-2207.	1.5	10
32	Enhanced formation of non-phenolic androgen metabolites with intrinsic oestrogen-like gene transactivation potency in human breast cancer cells: a distinctive metabolic pattern. <i>Journal of Endocrinology</i> , 2006, 190, 805-818.	2.6	8
33	Chronic moderate ethanol intake differentially regulates vitamin D hydroxylases gene expression in kidneys and xenografted breast cancer cells in female mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 173, 148-156.	2.5	8
34	Negative correlation between testosterone and TNF- α in umbilical cord serum favors a weakened immune milieu in the human male fetoplacental unit. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 186, 154-160.	2.5	8
35	Antitumoral effects of dovitinib in triple-negative breast cancer are synergized by calcitriol in vivo and in vitro. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 214, 105979.	2.5	7
36	Transactivation of Progestin- and Estrogen-Responsive Promoters by 19-Nor Progestins in African Green Monkey Kidney CV1 Cells. <i>Endocrine</i> , 2001, 16, 217-226.	2.2	6

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37	Genomic action of permanently charged tamoxifen derivatives via estrogen receptor- β . <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5593-5601.	3.0	6
38	Ligand-induced large-scale chromatin dynamics as a biosensor for the detection of estrogen receptor subtype selective ligands. <i>Gene</i> , 2010, 458, 37-44.	2.2	6
39	Comparison of 7β -methyl-19-nortestosterone effectiveness alone or combined with progestins on androgen receptor mediated-transactivation. <i>Reproduction</i> , 2012, 143, 211-219.	2.6	6
40	A freeze-dried kit formulation for the preparation of Lys 27 (99m Tc-EDDA/HYNIC)-Exendin(9-39)/ 99m Tc-EDDA/HYNIC-Tyr 3 -Octreotide to detect benign and malignant insulinomas. <i>Nuclear Medicine and Biology</i> , 2015, 42, 911-916.	0.6	6
41	β -Mangostin Synergizes the Antineoplastic Effects of 5-Fluorouracil Allowing a Significant Dose Reduction in Breast Cancer Cells. <i>Processes</i> , 2021, 9, 458.	2.8	5
42	Regulation of anti-tumorigenic pathways by the combinatory treatment of calcitriol and TGF- β 2 in PC-3 and DU145 cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 209, 105831.	2.5	4
43	Endothelium-Dependent Induction of Vasculogenic Mimicry in Human Triple-Negative Breast Cancer Cells Is Inhibited by Calcitriol and Curcumin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7659.	4.1	4
44	Ozone dosage effect on C6 cell growth, in vitro and in vivo tests: double bond index for characterization. <i>Analytical Methods</i> , 2014, 6, 4567-4575.	2.7	2
45	Ozone Dosage Effect on C6 Cell Growth: in Vitro and in Vivo Tests. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 1190-1196.	1.7	2
46	In vivo and in vitro estrogenic profile of 17β -amino-1,3,5(10)estratrien-3-ol. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 147, 40-47.	2.5	1
47	An organotin indomethacin derivative inhibits cancer cell proliferation and synergizes the antiproliferative effects of lapatinib in breast cancer cells. <i>American Journal of Cancer Research</i> , 2020, 10, 3358-3369.	1.4	0