

Cláudio Maia

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,601
citations

331538

21
h-index

315616

38
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66
all docs

66
docs citations

66
times ranked

2486
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathways involved in the human vascular Tetrabromobisphenol A response: Calcium and potassium channels and nitric oxide donors. <i>Toxicology</i> , 2022, 470, 153158.	2.0	4
2	Comprehensive Landscape of STEAP Family Members Expression in Human Cancers: Unraveling the Potential Usefulness in Clinical Practice Using Integrated Bioinformatics Analysis. <i>Data</i> , 2022, 7, 64.	1.2	5
3	The Performance of Minicircle DNA Versus Parental Plasmid in <i>p53</i> Gene Delivery Into HPV-18-Infected Cervical Cancer Cells. <i>Nucleic Acid Therapeutics</i> , 2021, 31, 82-91.	2.0	11
4	UV-B filter octylmethoxycinnamate impaired the main vasorelaxant mechanism of human umbilical artery. <i>Chemosphere</i> , 2021, 277, 130302.	4.2	13
5	Natural Products as Protective Agents for Male Fertility. <i>Biochem</i> , 2021, 1, 122-147.	0.5	9
6	Enhanced Stability of Detergent-Free Human Native STEAP1 Protein from Neoplastic Prostate Cancer Cells upon an Innovative Isolation Procedure. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10012.	1.8	5
7	Promoter Demethylation Upregulates STEAP1 Gene Expression in Human Prostate Cancer: In Vitro and In Silico Analysis. <i>Life</i> , 2021, 11, 1251.	1.1	5
8	Overexpression of regucalcin mitigates the ageing-related changes in oxidative stress and sperm quality. <i>Theriogenology</i> , 2020, 157, 472-482.	0.9	6
9	Effects of di(2-ethylhexil) phthalate on human umbilical artery. <i>Chemosphere</i> , 2019, 228, 278-286.	4.2	12
10	Knockdown of STEAP1 inhibits cell growth and induces apoptosis in LNCaP prostate cancer cells counteracting the effect of androgens. <i>Medical Oncology</i> , 2018, 35, 40.	1.2	35
11	Amniotic membrane extract differentially regulates human peripheral blood T cell subsets, monocyte subpopulations and myeloid dendritic cells. <i>Cell and Tissue Research</i> , 2018, 373, 459-476.	1.5	10
12	542 Overexpression of the calcium-binding protein regucalcin mitigates the age-associated changes in oxidative stress and semen quality. <i>Journal of Sexual Medicine</i> , 2018, 15, S324.	0.3	0
13	Variability of MMP/TIMP and TGF- β 1 Receptors throughout the Clinical Progression of Chronic Venous Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 6.	1.8	41
14	Targeting STEAP1 Protein in Human Cancer: Current Trends and Future Challenges. <i>Current Cancer Drug Targets</i> , 2018, 18, 222-230.	0.8	41
15	Glycolysis Inhibition as a Strategy for Hepatocellular Carcinoma Treatment?. <i>Current Cancer Drug Targets</i> , 2018, 19, 26-40.	0.8	31
16	Effect of TGF- β 1 on MMP/TIMP and TGF- β 1 receptors in great saphenous veins and its significance on chronic venous insufficiency. <i>Phlebology</i> , 2017, 32, 334-341.	0.6	14
17	The stem cell factor (SCF)/c-KIT system in carcinogenesis of reproductive tissues: What does the hormonal regulation tell us?. <i>Cancer Letters</i> , 2017, 405, 10-21.	3.2	14
18	Regucalcin in hormone-dependent cancers: towards a candidate tumour suppressor gene?. <i>European Journal of Cancer</i> , 2016, 61, S45.	1.3	0

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19	Liver diseases: what is known so far about the therapy with human amniotic membrane?. Cell and Tissue Banking, 2016, 17, 653-663.	0.5	7
20	The protective effect of regucalcin against radiation-induced damage in testicular cells. Life Sciences, 2016, 164, 31-41.	2.0	19
21	Androgens enhance the glycolytic metabolism and lactate export in prostate cancer cells by modulating the expression of GLUT1, GLUT3, PFK, LDH and MCT4 genes. Journal of Cancer Research and Clinical Oncology, 2016, 142, 5-16.	1.2	50
22	Oxidative Stress, DNA, Cell Cycle/Cell Cycle Associated Proteins and Multidrug Resistance Proteins: Targets of Human Amniotic Membrane in Hepatocellular Carcinoma. Pathology and Oncology Research, 2016, 22, 689-697.	0.9	17
23	Advances in time course extracellular production of human pre-miR-29b from Rhodovulum sulfidophilum. Applied Microbiology and Biotechnology, 2016, 100, 3723-3734.	1.7	17
24	Estrogens down-regulate the stem cell factor (SCF)/c-KIT system in prostate cells: Evidence of antiproliferative and proapoptotic effects. Biochemical Pharmacology, 2016, 99, 73-87.	2.0	17
25	Suppressed glycolytic metabolism in the prostate of transgenic rats overexpressing calcium-binding protein regucalcin underpins reduced cell proliferation. Transgenic Research, 2016, 25, 139-148.	1.3	3
26	Oligoadenylate synthetase 1 (OAS1) expression in human breast and prostate cancer cases, and its regulation by sex steroid hormones. Advances in Modern Oncology Research, 2016, 2, 97.	0.1	5
27	The Emerging Role of Regucalcin as a Tumor Suppressor: Facts and Views. Current Molecular Medicine, 2016, 16, 607-619.	0.6	9
28	Endogenous Factors in the Recovery of Reproductive Function After Testicular Injury and Cancer. Current Molecular Medicine, 2016, 16, 631-649.	0.6	5
29	Effect of extracellular calcium on regucalcin expression and cell viability in neoplastic and non-neoplastic human prostate cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2621-2628.	1.9	19
30	5 α -Dihydrotestosterone regulates the expression of L-type calcium channels and calcium-binding protein regucalcin in human breast cancer cells with suppression of cell growth. Medical Oncology, 2015, 32, 228.	1.2	13
31	Evaluation of MutS and Mut+ Pichia pastoris Strains for Membrane-Bound Catechol-O-Methyltransferase Biosynthesis. Applied Biochemistry and Biotechnology, 2015, 175, 3840-3855.	1.4	22
32	Paradoxical and contradictory effects of imatinib in two cell line models of hormone-refractory prostate cancer. Prostate, 2015, 75, 923-935.	1.2	20
33	Selective cytotoxicity and cell death induced by human amniotic membrane in hepatocellular carcinoma. Medical Oncology, 2015, 32, 257.	1.2	33
34	Aging-associated changes in oxidative stress, cell proliferation, and apoptosis are prevented in the prostate of transgenic rats overexpressing regucalcin. Translational Research, 2015, 166, 693-705.	2.2	17
35	Histopathological and in vivo evidence of regucalcin as a protective molecule in mammary gland carcinogenesis. Experimental Cell Research, 2015, 330, 325-335.	1.2	12
36	Effect of Amniotic Membrane Proteins in Human Cancer Cell Lines: An Exploratory Study. Journal of Membrane Biology, 2014, 247, 357-360.	1.0	38

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37	STEAP1 is overexpressed in prostate cancer and prostatic intraepithelial neoplasia lesions, and it is positively associated with Gleason score. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 53.e23-53.e29.	0.8	48
38	Improved Minicircle DNA Biosynthesis for Gene Therapy Applications. <i>Human Gene Therapy Methods</i> , 2014, 25, 93-105.	2.1	25
39	Hormonal regulation of c-KIT receptor and its ligand: implications for human infertility?. <i>Progress in Histochemistry and Cytochemistry</i> , 2014, 49, 1-19.	5.1	18
40	Evaluation of the prebiotic potential of arabinoxylans from brewer's spent grain. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9365-9373.	1.7	50
41	750: Human amniotic membrane secreted factors plus chemotherapy: A mishmash of effects?. <i>European Journal of Cancer</i> , 2014, 50, S180.	1.3	0
42	752: Anti-cancer proteins found in amniotic membrane: extraction, identification and cellular effects. <i>European Journal of Cancer</i> , 2014, 50, S181.	1.3	0
43	Regucalcin is an androgen-target gene in the rat prostate modulating cell-cycle and apoptotic pathways. <i>Prostate</i> , 2014, 74, 1189-1198.	1.2	12
44	The diverse roles of calcium-binding protein regucalcin in cell biology: from tissue expression and signalling to disease. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 93-111.	2.4	37
45	Trends in Protein-Based Biosensor Assemblies for Drug Screening and Pharmaceutical Kinetic Studies. <i>Molecules</i> , 2014, 19, 12461-12485.	1.7	30
46	Expression of STEAP1 and STEAP1B in prostate cell lines, and the putative regulation of STEAP1 by post-transcriptional and post-translational mechanisms. <i>Genes and Cancer</i> , 2014, 5, 142-151.	0.6	21
47	Long- and short-term effects of androgens in human umbilical artery smooth muscle. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 181-189.	0.9	27
48	Six transmembrane epithelial antigen of the prostate 1 is down-regulated by sex hormones in prostate cells. <i>Prostate</i> , 2013, 73, 605-613.	1.2	21
49	Beyond the Limits of Oxygen: Effects of Hypoxia in a Hormone-Independent Prostate Cancer Cell Line. <i>ISRN Oncology</i> , 2013, 2013, 1-8.	2.1	10
50	<i>Pichia pastoris</i> : A Recombinant Microfactory for Antibodies and Human Membrane Proteins. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 587-601.	0.9	45
51	STEAP Proteins: From Structure to Applications in Cancer Therapy. <i>Molecular Cancer Research</i> , 2012, 10, 573-587.	1.5	146
52	Androgen-responsive and nonresponsive prostate cancer cells present a distinct glycolytic metabolism profile. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 2077-2084.	1.2	73
53	Amniotic membrane: from structure and functions to clinical applications. <i>Cell and Tissue Research</i> , 2012, 349, 447-458.	1.5	296
54	172 Expression of Apoptosis and Cell-cycle Regulators in Rat Prostate Overexpressing Regucalcin. <i>European Journal of Cancer</i> , 2012, 48, S42.	1.3	0

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55	179 Regulation of STEAP1 Expression in Prostate by Sex Steroid Hormones. <i>European Journal of Cancer</i> , 2012, 48, S43-S44.	1.3	0
56	A new strategy for <sc>RNA</sc> isolation from eukaryotic cells using arginine affinity chromatography. <i>Journal of Separation Science</i> , 2012, 35, 3217-3226.	1.3	15
57	A novel prokaryotic expression system for biosynthesis of recombinant human membrane-bound catechol-O-methyltransferase. <i>Journal of Biotechnology</i> , 2011, 156, 141-146.	1.9	15
58	Impact of plasmid induction strategy on overall plasmid DNA yield and <i>E. coli</i> physiology using flow cytometry and real-time PCR. <i>Process Biochemistry</i> , 2011, 46, 174-181.	1.8	14
59	Regucalcin is under-expressed in human breast and prostate cancers: Effect of sex steroid hormones. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 667-676.	1.2	47
60	Regucalcin is expressed in rat mammary gland and prostate and down-regulated by 17 β -estradiol. <i>Molecular and Cellular Biochemistry</i> , 2008, 311, 81-86.	1.4	22
61	Characterization of oligoadenylate synthetase-1 expression in rat mammary gland and prostate: effects of 17 β -estradiol on the regulation of OAS1g in both tissues. <i>Molecular and Cellular Biochemistry</i> , 2008, 314, 113-121.	1.4	4
62	STEAP1 is over-expressed in breast cancer and down-regulated by 17 β -estradiol in MCF-7 cells and in the rat mammary gland. <i>Endocrine</i> , 2008, 34, 108-116.	1.1	36
63	Differential response of hepatocellular carcinoma glycolytic metabolism and oxidative stress markers after exposure to human amniotic membrane proteins. <i>Molecular Biology Reports</i> , 0, , .	1.0	1