

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
g-index

66
all docs

66
docs citations

66
times ranked

2486
citing authors

#	ARTICLE	IF	CITATIONS
1	Amniotic membrane: from structure and functions to clinical applications. <i>Cell and Tissue Research</i> , 2012, 349, 447-458.	1.5	296
2	STEAP Proteins: From Structure to Applications in Cancer Therapy. <i>Molecular Cancer Research</i> , 2012, 10, 573-587.	1.5	146
3	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
4	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
5	Androgens enhance the glycolytic metabolism and lactate export in prostate cancer cells by modulating the expression of GLUT1, GLUT3, PFK, LDH and MCT4 genes. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 5-16.	1.2	50
6	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
7	Regucalcin is underexpressed in human breast and prostate cancers: Effect of sex steroid hormones. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 667-676.	1.2	47
8	<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
9	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
10	Targeting STEAP1 Protein in Human Cancer: Current Trends and Future Challenges. <i>Current Cancer Drug Targets</i> , 2018, 18, 222-230.	0.8	41
11	Effect of Amniotic Membrane Proteins in Human Cancer Cell Lines: An Exploratory Study. <i>Journal of Membrane Biology</i> , 2014, 247, 357-360.	1.0	38
12	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
13	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
14	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
15	Selective cytotoxicity and cell death induced by human amniotic membrane in hepatocellular carcinoma. <i>Medical Oncology</i> , 2015, 32, 257.	1.2	33
16	Glycolysis Inhibition as a Strategy for Hepatocellular Carcinoma Treatment?. <i>Current Cancer Drug Targets</i> , 2018, 19, 26-40.	0.8	31
17	Trends in Protein-Based Biosensor Assemblies for Drug Screening and Pharmaceutical Kinetic Studies. <i>Molecules</i> , 2014, 19, 12461-12485.	1.7	30
18	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

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19	Improved Minicircle DNA Biosynthesis for Gene Therapy Applications. <i>Human Gene Therapy Methods</i> , 2014, 25, 93-105.	2.1	25
20	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
21	Evaluation of MutS and Mut+ <i>Pichia pastoris</i> Strains for Membrane-Bound Catechol-O-Methyltransferase Biosynthesis. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 3840-3855.	1.4	22
22	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
23	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
24	Paradoxical and contradictory effects of imatinib in two cell line models of hormone-refractory prostate cancer. <i>Prostate</i> , 2015, 75, 923-935.	1.2	20
25	Effect of extracellular calcium on regucalcin expression and cell viability in neoplastic and non-neoplastic human prostate cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2621-2628.	1.9	19
26	The protective effect of regucalcin against radiation-induced damage in testicular cells. <i>Life Sciences</i> , 2016, 164, 31-41.	2.0	19
27	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
28	Aging-associated changes in oxidative stress, cell proliferation, and apoptosis are prevented in the prostate of transgenic rats overexpressing regucalcin. <i>Translational Research</i> , 2015, 166, 693-705.	2.2	17
29	Oxidative Stress, DNA, Cell Cycle/Cell Cycle Associated Proteins and Multidrug Resistance Proteins: Targets of Human Amniotic Membrane in Hepatocellular Carcinoma. <i>Pathology and Oncology Research</i> , 2016, 22, 689-697.	0.9	17
30	Advances in time course extracellular production of human pre-miR-29b from <i>Rhodovulum sulfidophilum</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 3723-3734.	1.7	17
31	Estrogens down-regulate the stem cell factor (SCF)/c-KIT system in prostate cells: Evidence of antiproliferative and proapoptotic effects. <i>Biochemical Pharmacology</i> , 2016, 99, 73-87.	2.0	17
32	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
33	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
34	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
35	Effect of TGF-beta1 on MMP/TIMP and TGF-beta1 receptors in great saphenous veins and its significance on chronic venous insufficiency. <i>Phlebology</i> , 2017, 32, 334-341.	0.6	14
36	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

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37	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. <i>Medical Oncology</i> , 2015, 32, 228.	1.2	13
38	UV-B filter octylmethoxycinnamate impaired the main vasorelaxant mechanism of human umbilical artery. <i>Chemosphere</i> , 2021, 277, 130302.	4.2	13
39	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
40	Histopathological and in vivo evidence of regucalcin as a protective molecule in mammary gland carcinogenesis. <i>Experimental Cell Research</i> , 2015, 330, 325-335.	1.2	12
41	Effects of di(2-ethylhexil) phthalate on human umbilical artery. <i>Chemosphere</i> , 2019, 228, 278-286.	4.2	12
42	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
43	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
44	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
45	Natural Products as Protective Agents for Male Fertility. <i>Biochem</i> , 2021, 1, 122-147.	0.5	9
46	The Emerging Role of Regucalcin as a Tumor Suppressor: Facts and Views. <i>Current Molecular Medicine</i> , 2016, 16, 607-619.	0.6	9
47	Liver diseases: what is known so far about the therapy with human amniotic membrane?. <i>Cell and Tissue Banking</i> , 2016, 17, 653-663.	0.5	7
48	Overexpression of regucalcin mitigates the ageing-related changes in oxidative stress and sperm quality. <i>Theriogenology</i> , 2020, 157, 472-482.	0.9	6
49	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
50	Oligoadenylate synthetase 1 (OAS1) expression in human breast and prostate cancer cases, and its regulation by sex steroid hormones. <i>Advances in Modern Oncology Research</i> , 2016, 2, 97.	0.1	5
51	Endogenous Factors in the Recovery of Reproductive Function After Testicular Injury and Cancer. <i>Current Molecular Medicine</i> , 2016, 16, 631-649.	0.6	5
52	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
53	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
54	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

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55	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
56	Suppressed glycolytic metabolism in the prostate of transgenic rats overexpressing calcium-binding protein regucalcin underpins reduced cell proliferation. <i>Transgenic Research</i> , 2016, 25, 139-148.	1.3	3
57	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
58	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
59	179 Regulation of STEAP1 Expression in Prostate by Sex Steroid Hormones. <i>European Journal of Cancer</i> , 2012, 48, S43-S44.	1.3	0
60	750: Human amniotic membrane secreted factors plus chemotherapy: A mishmash of effects?. <i>European Journal of Cancer</i> , 2014, 50, S180.	1.3	0
61	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
62	Regucalcin in hormone-dependent cancers: towards a candidate tumour suppressor gene?. <i>European Journal of Cancer</i> , 2016, 61, S45.	1.3	0
63	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