Andre Luiz Mencalha

List of Publications by Year
in descending order

67 papers	1,280 citations	393982 19 h-index	377514 34 g-index
67 all docs	67 docs citations	67 times ranked	2414 citing authors

#	Article	IF	Citations
1	NF-kappaB Is Involved in the Regulation of EMT Genes in Breast Cancer Cells. PLoS ONE, 2017, 12, e0169622.	1.1	231
2	FOXM1 targets XIAP and Survivin to modulate breast cancer survival and chemoresistance. Cellular Signalling, 2015, 27, 2496-2505.	1.7	96
3	Metformin prevention of doxorubicin resistance in MCF-7 and MDA-MB-231 involves oxidative stress generation and modulation of cell adaptation genes. Scientific Reports, 2019, 9, 5864.	1.6	65
4	Regulation Is in the Air: The Relationship between Hypoxia and Epigenetics in Cancer. Cells, 2019, 8, 300.	1.8	61
5	Forkhead Box M1 (FoxM1) Gene Is a New STAT3 Transcriptional Factor Target and Is Essential for Proliferation, Survival and DNA Repair of K562 Cell Line. PLoS ONE, 2012, 7, e48160.	1.1	53
6	Bone Marrow Mononuclear Cells Increase Retinal Ganglion Cell Survival and Axon Regeneration in the Adult Rat. Cell Transplantation, 2011, 20, 391-406.	1.2	52
7	Progeny From Irradiated Colorectal Cancer Cells Acquire an EMTâ€Like Phenotype and Activate Wnt/Î²â€Catenin Pathway. Journal of Cellular Biochemistry, 2014, 115, 2175-2187.	1.2	47
8	Targeting Cellular Signaling Pathways in Breast Cancer Stem Cells and its Implication for Cancer Treatment. Anticancer Research, 2016, 36, 5681-5692.	0.5	46
9	Photobiomodulation prevents DNA fragmentation of alveolar epithelial cells and alters the mRNA levels of caspase 3 and Bcl-2 genes in acute lung injury. Photochemical and Photobiological Sciences, 2018, 17, 975-983.	1.6	32
10	Apoptosis induction of cardiomyocytes and subsequent fibrosis after irradiation and neoadjuvant chemotherapy. International Journal of Radiation Biology, 2014, 90, 284-290.	1.0	31
11	LLL-3, a STAT3 inhibitor, represses BCR-ABL-positive cell proliferation, activates apoptosis and improves the effects of Imatinib mesylate. Cancer Chemotherapy and Pharmacology, 2010, 65, 1039-1046.	1.1	30
12	Mesenchymal stromal cells impair the differentiation of CD14++ CD16â^' CD64+ classical monocytes into CD14++ CD16+ CD64++ activate monocytes. Cytotherapy, 2012, 14, 12-25.	0.3	29
13	Sustained effect of bone marrow mononuclear cell therapy in axonal regeneration in a model of optic nerve crush. Brain Research, 2014, 1587, 54-68.	1.1	26
14	Post-translational modifications disclose a dual role for redox stress in cardiovascular pathophysiology. Life Sciences, 2015, 129, 42-47.	2.0	25
15	BCR-ABL stimulates mutagenic homologous DNA double-strand break repair via the DNA-end-processing factor CtIP. Carcinogenesis, 2011, 32, 27-34.	1.3	24
16	DNA repair gene expression in biological tissues exposed to low-intensity infrared laser. Lasers in Medical Science, 2013, 28, 1077-1084.	1.0	24
17	Epigenetic alterations ofp15^{INK4B}andp16^{INK4A}genes in pediatric primary myelodysplastic syndrome. Leukemia and Lymphoma, 2010, 51, 1887-1894.	0.6	22
18	Human Induced Pluripotent Stem Cells from Basic Research to Potential Clinical Applications in Cancer. BioMed Research International, 2013, 2013, 1-11.	0.9	21

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19	Low ABCB1 and high OCT1 levels play a favorable role in the molecular response to imatinib in CML patients in the community clinical practice. Leukemia Research, 2016, 51, 3-10.	0.4	21
20	Esophageal squamous cell carcinoma transcriptome reveals the effect of FOXM1 on patient outcome through novel PIK3R3 mediated activation of PI3K signaling pathway. Oncotarget, 2018, 9, 16634-16647.	0.8	21
21	Computational modeling of the bHLH domain of the transcription factor TWIST1 and R118C, S144R and K145E mutants. BMC Bioinformatics, 2012, 13, 184.	1.2	20
22	Cell viability, reactive oxygen species, apoptosis, and necrosis in myoblast cultures exposed to low-level infrared laser. Lasers in Medical Science, 2016, 31, 841-848.	1.0	19
23	A comparative proteomic study identified LRPPRC and MCM7 as putative actors in imatinib mesylate cross-resistance in Lucena cell line. Proteome Science, 2012, 10, 23.	0.7	18
24	ABCB1regulation through LRPPRC is influenced by the methylation status of the GC -100 box in its promoter. Epigenetics, 2014, 9, 1172-1183.	1.3	18
25	Increased expression of protease-activated receptor 1 (PAR-1) in human leukemias. Blood Cells, Molecules, and Diseases, 2011, 46, 230-234.	0.6	17
26	Low-intensity red and infrared lasers affect mRNA expression of DNA nucleotide excision repair in skin and muscle tissue. Lasers in Medical Science, 2016, 31, 429-435.	1.0	16
27	Expression of DNA repair genes in burned skin exposed to low-level red laser. Lasers in Medical Science, 2014, 29, 1953-1957.	1.0	15
28	Low-level infrared laser modulates muscle repair and chromosome stabilization genes in myoblasts. Lasers in Medical Science, 2016, 31, 1161-1167.	1.0	14
29	Up-regulation of angiotensin-converting enzyme and angiotensin II type 1 receptor in irradiated rats. International Journal of Radiation Biology, 2010, 86, 880-887.	1.0	13
30	Role of calcium-dependent protein kinases in chronic myeloid leukemia: combined effects of PKC and BCR-ABL signaling on cellular alterations during leukemia development. OncoTargets and Therapy, 2014, 7, 1247.	1.0	12
31	Chemotherapy and radiation regimens to breast cancer treatment induce changes in mRNA levels of reninâ€“angiotensin system related genes in cardiac tissue. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2013, 14, 330-336.	1.0	10
32	Bone-marrow cell therapy induces differentiation of radial glia-like cells and rescues the number of oligodendrocyte progenitors in the subventricular zone after global cerebral ischemia. Stem Cell Research, 2013, 10, 241-256.	0.3	9
33	The orally active pterocarpanquinone LQBâ€118 exhibits cytotoxicity in prostate cancer cell and tumor models through cellular redox stress. Prostate, 2018, 78, 140-151.	1.2	9
34	Neonatal overfeeding impairs differentiation potential of mice subcutaneous adipose mesenchymal stem cells. Stem Cell Reviews and Reports, 2018, 14, 535-545.	5.6	8
35	Low power lasers on genomic stability. Journal of Photochemistry and Photobiology B: Biology, 2018, 180, 186-197.	1.7	8
36	Photobiomodulation effects on mRNA levels from genomic and chromosome stabilization genes in injured muscle. Lasers in Medical Science, 2018, 33, 1513-1519.	1.0	8

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37	Oxidative stress and TGF-Î²1 induction by metformin in MCF-7 and MDA-MB-231 human breast cancer cells are accompanied with the downregulation of genes related to cell proliferation, invasion and metastasis. Pathology Research and Practice, 2020, 216, 153135.	1.0	8
38	The tumor suppressor role of salvador family WW domain-containing protein 1 (SAV1): one of the key pieces of the tumor puzzle. Journal of Cancer Research and Clinical Oncology, 2021, 147, 1287-1297.	1.2	8
39	RUNX1T1 is overexpressed in imatinib mesylate-resistant cells. Molecular Medicine Reports, 2009, 2, 657-61.	1.1	7
40	Cell Therapy Modulates Expression of Tax1-Binding Protein 1 and Synaptotagmin IV in a Model of Optic Nerve Lesion. , 2012, 53, 4720.		7
41	Chronic Obstructive Pulmonary Disease: From Injury to Genomic Stability. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2017, 14, 439-450.	0.7	7
42	Highâ€Resolution Melting (<scp>HRM</scp>) of Hypervariable Mitochondrial <scp>DNA</scp> Regions for Forensic Science. Journal of Forensic Sciences, 2018, 63, 536-540.	0.9	7
43	Low-power laser alters mRNA levels from DNA repair genes in acute lung injury induced by sepsis in Wistar rats. Lasers in Medical Science, 2019, 34, 157-168.	1.0	7
44	Inhibition of STAT3-interacting protein 1 (STATIP1) promotes STAT3 transcriptional up-regulation and imatinib mesylate resistance in the chronic myeloid leukemia. BMC Cancer, 2014, 14, 866.	1.1	6
45	Conserved transcription factor binding sites suggest an activator basal promoter and a distal inhibitor in the galanin gene promoter in mouse ES cells. Gene, 2014, 538, 228-234.	1.0	6
46	Hypoxia effects on cancer stem cell phenotype in colorectal cancer: a mini-review. Molecular Biology Reports, 2021, 48, 7527-7535.	1.0	6
47	SPARC-like1 mRNA is overexpressed in human uterine leiomyoma. Molecular Medicine Reports, 0, , .	1.1	5
48	IL-17 Triggers Invasive and Migratory Properties in Human MSCs, while IFNγ Favors their Immunosuppressive Capabilities: Implications for the â€œLicensingâ€•Process. Stem Cell Reviews and Reports, 2020, 16, 1266-1279.	1.7	5
49	TP53 and ATM mRNA expression in skin and skeletal muscle after low-level laser exposure. Journal of Cosmetic and Laser Therapy, 2017, 19, 227-231.	0.3	4
50	Genomic stability and telomere regulation in skeletal muscle tissue. Biomedicine and Pharmacotherapy, 2018, 98, 907-915.	2.5	4
51	Low power blue LED exposure increases effects of doxorubicin on MDA-MB-231 breast cancer cells. Photodiagnosis and Photodynamic Therapy, 2018, 24, 250-255.	1.3	4
52	DNA repair and genomic stability in lungs affected by acute injury. Biomedicine and Pharmacotherapy, 2019, 119, 109412.	2.5	4
53	Low-power infrared laser modulates telomere length in heart tissue from an experimental model of acute lung injury. Photochemical and Photobiological Sciences, 2021, 20, 653-661.	1.6	4
54	Emphysema induced by elastase alters the mRNA relative levels from DNA repair genes in acute lung injury in response to sepsis induced by lipopolysaccharide administration in Wistar rats. Experimental Lung Research, 2018, 44, 79-88.	0.5	3

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55	Effect of low power lasers on prokaryotic and eukaryotic cells under different stress condition: a review of the literature. Lasers in Medical Science, 2021, 36, 1139-1150.	1.0	3
56	5-Aza-2â€™-deoxycytidine induces a greater inflammatory change, at the molecular levels, in normoxic than hypoxic tumor microenvironment. Molecular Biology Reports, 2021, 48, 1161-1169.	1.0	2
57	Overexpression of the MLL Gene Combined With 11q Trisomy in a Child With Acute Lymphoblastic Leukemia. Clinical Lymphoma, Myeloma and Leukemia, 2014, 14, e77-e79.	0.2	1
58	Transcriptome analysis of breast cancer cell line exposed to hypoxia-mimetic chemical CoCl2 or hypoxic microenvironment. Gene Reports, 2020, 20, 100686.	0.4	1
59	Investigation of the mutagenic and genotoxic activities of LLL-3, a STAT3 inhibitor. Drug and Chemical Toxicology, 2017, 40, 30-35.	1.2	0
60	Expression and methylation status of MDRâ€1 gene in pediatric primary myelodysplastic syndrome. Pediatric Blood and Cancer, 2017, 64, 209-210.	0.8	0
61	Clinical and biological correlates of the expression of select Polycomb complex genes in Brazilian children with acute promyelocytic leukaemia. British Journal of Haematology, 2020, 189, e245-e248.	1.2	0
62	High-Resolution Melting Analysis for Rapid Detection of Mutations in Patients with FGFR3-Related Skeletal Dysplasias. Genetic Testing and Molecular Biomarkers, 2021, 25, 674-682.	0.3	0
63	Expression Profiling Of Selected Polycomb Complex Genes In Childhood Acute Myeloid Leukemia Revealed An Overexpression Of EZH2 In Acute Promyelocytic Leukemia. Blood, 2013, 122, 4895-4895.	0.6	0
64	Clinical Applications of Induced Pluripotent Stem Cells in Cancer. Pancreatic Islet Biology, 2016, , 131-158.	0.1	0
65	GENETIC POLYMORPHISMS AND THE RISK OF LUNG CANCER IN TUNNEL WORKERS IN RIO DE JANEIRO, BRAZIL. , 2017, , .		0
66	Low-power therapeutic lasers on mRNA levels. Lasers in Medical Science, 2022, , 1.	1.0	0
67	Low-power infrared laser modulates mRNA levels from genes of base excision repair and genomic stabilization in heart tissue from an experimental model of acute lung injury. Photochemical and Photobiological Sciences, 2022, , .	1.6	0