Lucas Eduardo Botelho Souza

List of Publications by Year
in descending order

27 papers	539 citations	687363 13 h-index	642732 23 g-index
27 all docs	27 docs citations	27 times ranked	1208 citing authors

#	Article	IF	Citations
1	Mesenchymal Stem Cells and Pericytes: To What Extent Are They Related?. Stem Cells and Development, 2016, 25, 1843-1852.	2.1	100
2	Acute hemolytic vascular inflammatory processes are prevented by nitric oxide replacement or a single dose of hydroxyurea. Blood, 2015, 126, 711-720.	1.4	66
3	Post-Sepsis State Induces Tumor-Associated Macrophage Accumulation through CXCR4/CXCL12 and Favors Tumor Progression in Mice. Cancer Immunology Research, 2016, 4, 312-322.	3.4	45
4	Therapeutic efficacy and biodistribution of allogeneic mesenchymal stem cells delivered by intrasplenic and intrapancreatic routes in streptozotocin-induced diabetic mice. Stem Cell Research and Therapy, 2015, 6, 31.	5.5	43
5	Pre-culture in endothelial growth medium enhances the angiogenic properties of adipose-derived stem/stromal cells. Angiogenesis, 2018, 21, 15-22.	7.2	41
6	Potential of Osteoblastic Cells Derived from Bone Marrow and Adipose Tissue Associated with a Polymer/Ceramic Composite to Repair Bone Tissue. Calcified Tissue International, 2017, 101, 312-320.	3.1	32
7	Cell Therapy: Effect of Locally Injected Mesenchymal Stromal Cells Derived from Bone Marrow or Adipose Tissue on Bone Regeneration of Rat Calvarial Defects. Scientific Reports, 2019, 9, 13476.	3.3	30
8	Endothelial Cells Tissue-Specific Origins Affects Their Responsiveness to TGF-Î²2 during Endothelial-to-Mesenchymal Transition. International Journal of Molecular Sciences, 2019, 20, 458.	4.1	27
9	Comparative characterization of CD271⁺ and CD271^{â^'} subpopulations of CD34⁺ human adiposeâ€derived stromal cells. Journal of Cellular Biochemistry, 2018, 119, 3873-3884.	2.6	21
10	Image and motor behavior for monitoring tumor growth in C6 glioma model. PLoS ONE, 2018, 13, e0201453.	2.5	17
11	Aryl hydrocarbon receptor (AHR) is a novel druggable pathway controlling malignant progenitor proliferation in chronic myeloid leukemia (CML). PLoS ONE, 2018, 13, e0200923.	2.5	17
12	BMAL1 knockdown triggers different colon carcinoma cell fates by altering the delicate equilibrium between AKT/mTOR and P53/P21 pathways. Aging, 2020, 12, 8067-8083.	3.1	16
13	Triple-modal imaging of stem-cells labeled with multimodal nanoparticles, applied in a stroke model. World Journal of Stem Cells, 2019, 11, 100-123.	2.8	14
14	Successful Use of Human AB Serum to Support the Expansion of Adipose Tissue-Derived Mesenchymal Stem/Stromal Cell in a Microcarrier-Based Platform. Frontiers in Bioengineering and Biotechnology, 2020, 8, 307.	4.1	12
15	Combination of genetically engineered T cells and immune checkpoint blockade for the treatment of cancer. Immunotherapy Advances, 2022, 2, .	3.0	8
16	Bone marrow-derived cells are recruited by the melanoma tumor with endothelial cells contributing to tumor vasculature. Clinical and Translational Oncology, 2017, 19, 125-133.	2.4	7
17	Identification of valid reference genes for circadian gene-expression studies in human mammary epithelial cells. Chronobiology International, 2018, 35, 1689-1701.	2.0	7
18	Human and mouse melanoma cells recapitulate an EMT-like program in response to mesenchymal stromal cells secretome. Cancer Letters, 2021, 501, 114-123.	7.2	7

#	Article	IF	Citations
19	Strategies to Enhance the Therapeutic Efficacy, Applicability, and Safety of Genetically Engineered Immune Cells. Critical Reviews in Immunology, 2021, 41, 41-67.	0.5	7
20	Intravenous administration of bone marrow-derived multipotent mesenchymal stromal cells enhances the recruitment of CD11b+ myeloid cells to the lungs and facilitates B16-F10 melanoma colonization. Experimental Cell Research, 2016, 345, 141-149.	2.6	6
21	NTAL is associated with treatment outcome, cell proliferation and differentiation in acute promyelocytic leukemia. Scientific Reports, 2020, 10, 10315.	3.3	5
22	Ex vivo evaluation of intravitreal mesenchymal stromal cell viability using bioluminescence imaging. Stem Cell Research and Therapy, 2018, 9, 155.	5.5	4
23	Hypoxia-cultured mouse mesenchymal stromal cells from bone marrow and compact bone display different phenotypic traits. Experimental Cell Research, 2021, 399, 112434.	2.6	2
24	DTCM-glutarimide Delays Growth and Radiosensitizes Glioblastoma. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 1323-1329.	1.7	2
25	Viability of Chimeric Antigen Receptor T Cell Therapy in Latin America. Blood, 2021, 138, 4843-4843.	1.4	2
26	Acute Inflammatory Processes Are Induced By Hemolysis and Reversed By Hydroxyurea. Blood, 2013, 122, 951-951.	1.4	1
27	Abstract LB-304: Bone marrow-derived endothelial cells migrate to tumor sites and contribute to functional tumor vasculature. , 2011, , .		0