Cristiane Helena Squarize

List of Publications by Year
in descending order

71 papers	3,160 citations	186265 28 h-index	161849 54 g-index
71 all docs	71 docs citations	71 times ranked	4804 citing authors

#	Article	IF	Citations
1	mTOR Mediates Wnt-Induced Epidermal Stem Cell Exhaustion and Aging. Cell Stem Cell, 2009, 5, 279-289.	11.1	356
2	Dysregulated molecular networks in head and neck carcinogenesis. Oral Oncology, 2009, 45, 324-334.	1.5	317
3	Accelerated Wound Healing by mTOR Activation in Genetically Defined Mouse Models. PLoS ONE, 2010, 5, e10643.	2.5	158
4	Molecular Cross-Talk between the NFÎºB and STAT3 Signaling Pathways in Head and Neck Squamous Cell Carcinoma. Neoplasia, 2006, 8, 733-746.	5.3	150
5	Epigenetic Modifications and Head and Neck Cancer: Implications for Tumor Progression and Resistance to Therapy. International Journal of Molecular Sciences, 2017, 18, 1506.	4.1	129
6	Dental implantsâ€associated release of titanium particles: A systematic review. Clinical Oral Implants Research, 2018, 29, 1085-1100.	4.5	117
7	PTEN Deficiency Contributes to the Development and Progression of Head and Neck Cancer. Neoplasia, 2013, 15, 461-471.	5.3	111
8	Inhibition of Histone Deacetylase Impacts Cancer Stem Cells and Induces Epithelial-Mesenchyme Transition of Head and Neck Cancer. PLoS ONE, 2013, 8, e58672.	2.5	111
9	Epigenetic Modifications of Histones in Periodontal Disease. Journal of Dental Research, 2016, 95, 215-222.	5.2	97
10	Chemoprevention and Treatment of Experimental Cowden's Disease by mTOR Inhibition with Rapamycin. Cancer Research, 2008, 68, 7066-7072.	0.9	92
11	Rac1 Is Required for Epithelial Stem Cell Function during Dermal and Oral Mucosal Wound Healing but Not for Tissue Homeostasis in Mice. PLoS ONE, 2010, 5, e10503.	2.5	92
12	NFÎºB mediates cisplatin resistance through histone modifications in head and neck squamous cell carcinoma (HNSCC). FEBS Open Bio, 2014, 4, 96-104.	2.3	91
13	Exploiting <scp>PI</scp>3<scp>K</scp>/m<scp>TOR</scp> signaling to accelerate epithelial wound healing. Oral Diseases, 2013, 19, 551-558.	3.0	78
14	A role for COX2-derived PGE2 and PGE2-receptor subtypes in head and neck squamous carcinoma cell proliferation. Oral Oncology, 2010, 46, 880-887.	1.5	74
15	Characterization of macrophage polarization in periodontal disease. Journal of Clinical Periodontology, 2019, 46, 830-839.	4.9	70
16	Requirement of Rac1 distinguishes follicular from interfollicular epithelial stem cells. Oncogene, 2007, 26, 5078-5085.	5.9	54
17	Hypoacetylation of acetylâ€histone H3 (H3K9ac) as marker of poor prognosis in oral cancer. Histopathology, 2017, 71, 278-286.	2.9	53
18	Immunohistochemical evidence of PTEN in oral squamous cell carcinoma and its correlation with the histological malignancy grading system. Journal of Oral Pathology and Medicine, 2002, 31, 379-384.	2.7	51

#	Article	IF	Citations
19	Influence of different energy densities of laser phototherapy on oral wound healing. Journal of Biomedical Optics, 2013, 18, 128002.	2.6	51
20	Laser phototherapy accelerates oral keratinocyte migration through the modulation of the mammalian target of rapamycin signaling pathway. Journal of Biomedical Optics, 2014, 19, 028002.	2.6	47
21	Characterization of macrophages infiltrating periâ€implantitis lesions. Clinical Oral Implants Research, 2020, 31, 274-281.	4.5	47
22	Curcumin downregulates the <scp>PI3Kâ€“AKTâ€“mTOR</scp> pathway and inhibits growth and progression in head and neck cancer cells. Phytotherapy Research, 2020, 34, 3311-3324.	5.8	47
23	Periostin Responds to Mechanical Stress and Tension by Activating the MTOR Signaling Pathway. PLoS ONE, 2013, 8, e83580.	2.5	46
24	Immunotherapy improves efficacy and safety of patients with HPV positive and negative head and neck cancer: A systematic review and meta-analysis. Critical Reviews in Oncology/Hematology, 2020, 150, 102966.	4.4	45
25	Unlocking the chromatin of adenoid cystic carcinomas using HDAC inhibitors sensitize cancer stem cells to cisplatin and induces tumor senescence. Stem Cell Research, 2017, 21, 94-105.	0.7	43
26	PI3K-PTEN dysregulation leads to mTOR-driven upregulation of the core clock gene BMAL1 in normal and malignant epithelial cells. Oncotarget, 0, 7, 42393-42407.	1.8	41
27	SET protein accumulates in HNSCC and contributes to cell survival: Antioxidant defense, Akt phosphorylation and AVOs acidification. Oral Oncology, 2012, 48, 1106-1113.	1.5	39
28	Histone modifications: Targeting head and neck cancer stem cells. World Journal of Stem Cells, 2014, 6, 511.	2.8	31
29	Sensitizing mucoepidermoid carcinomas to chemotherapy by targeted disruption of cancer stem cells. Oncotarget, 0, 7, 42447-42460.	1.8	30
30	<scp>mTOR</scp> pathway protein immunoexpression as a prognostic factor for survival in head and neck cancer patients: a systematic review and metaâ€analysis. Journal of Oral Pathology and Medicine, 2016, 45, 319-328.	2.7	29
31	HPV Infection of the Head and Neck Region and Its Stem Cells. Journal of Dental Research, 2015, 94, 1532-1543.	5.2	28
32	Accumulation of the SET protein in HEK293T cells and mild oxidative stress: cell survival or death signaling. Molecular and Cellular Biochemistry, 2012, 363, 65-74.	3.1	26
33	Profiling the Behavior of Distinct Populations of Head and Neck Cancer Stem Cells. Cancers, 2016, 8, 7.	3.7	25
34	Epigenetic Modifications and Accumulation of DNA Double-Strand Breaks in Oral Lichen Planus Lesions Presenting Poor Response to Therapy. Medicine (United States), 2015, 94, e997.	1.0	24
35	The Determinants of Head and Neck Cancer: Unmasking the PI3K Pathway Mutations. Journal of Carcinogenesis & Mutagenesis, 2013, Suppl 5, .	0.3	23
36	Overexpression of MutSÎ± Complex Proteins Predicts Poor Prognosis in Oral Squamous Cell Carcinoma. Medicine (United States), 2016, 95, e3725.	1.0	22

#	Article	IF	Citations
37	PTEN Mediates Activation of Core Clock Protein BMAL1 and Accumulation of Epidermal Stem Cells. Stem Cell Reports, 2017, 9, 304-314.	4.8	22
38	Laser phototherapy triggers the production of reactive oxygen species in oral epithelial cells without inducing DNA damage. Journal of Biomedical Optics, 2014, 19, 048002.	2.6	21
39	Targeting histone deacetylase and NFÎºB signaling as a novel therapy for Mucoepidermoid Carcinomas. Scientific Reports, 2018, 8, 2065.	3.3	20
40	Hypoxic niches are endowed with a protumorigenic mechanism that supersedes the protective function of PTEN. FASEB Journal, 2019, 33, 13435-13449.	0.5	17
41	Overcoming adaptive resistance in mucoepidermoid carcinoma through inhibition of the IKK-Î²/ÍºBÎ±/NFÎºB axis. Oncotarget, 2016, 7, 73032-73044.	1.8	16
42	Reduced chromatin acetylation of malignant salivary gland tumors correlates with enhanced proliferation. Journal of Oral Pathology and Medicine, 2017, 46, 792-797.	2.7	15
43	Interference with the bromodomain epigenome readers drives p21 expression and tumor senescence. Cancer Letters, 2019, 461, 10-20.	7.2	15
44	BMAL1 Modulates Epidermal Healing in a Process Involving the Antioxidative Defense Mechanism. International Journal of Molecular Sciences, 2020, 21, 901.	4.1	14
45	Oral health care professionals recommending and administering the HPV vaccine: Understanding the strengths and assessing the barriers. PLoS ONE, 2021, 16, e0248047.	2.5	14
46	Histogenesis of keratoacanthoma: histochemical and immunohistochemical study. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 119, 310-317.	0.4	13
47	Skin wound healing triggers epigenetic modifications of histone H4. Journal of Translational Medicine, 2020, 18, 138.	4.4	13
48	Worldwide prevalence of PI3K-AKT-mTOR pathway mutations in head and neck cancer: A systematic review and meta-analysis. Critical Reviews in Oncology/Hematology, 2021, 160, 103284.	4.4	12
49	Entinostat is a novel therapeutic agent to treat oral squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2020, 49, 771-779.	2.7	12
50	Pharmacological PTEN inhibition: potential clinical applications and effects in tissue regeneration. Regenerative Medicine, 2020, 15, 1329-1344.	1.7	11
51	Cephaeline is an inductor of histone H3 acetylation and inhibitor of mucoepidermoid carcinoma cancer stem cells. Journal of Oral Pathology and Medicine, 2022, 51, 553-562.	2.7	11
52	Photobiomodulation therapy drives massive epigenetic histone modifications, stem cells mobilization and accelerated epithelial healing. Journal of Biophotonics, 2021, 14, e202000274.	2.3	10
53	Interfering with bromodomain epigenome readers as therapeutic option in mucoepidermoid carcinoma. Cellular Oncology (Dordrecht), 2019, 42, 143-155.	4.4	8
54	Periodontal disease affects oral cancer progression in a surrogate animal model for tobacco exposure. International Journal of Oncology, 2022, 60, .	3.3	7

#	Article	IF	Citations
55	Cyclin <scp>D</scp>1â€induced proliferation is independent of betaâ€catenin in <scp>H</scp>ead and <scp>N</scp>eck <scp>C</scp>ancer. Oral Diseases, 2014, 20, e42-8.	3.0	6
56	Oral Rehabilitation of Adult Edentulous Siblings Severely Lacking Alveolar Bone Due to Ectodermal Dysplasia: A Report of 2 Clinical Cases and a Literature Review. Journal of Oral and Maxillofacial Surgery, 2015, 73, 1733.e1-1733.e12.	1.2	6
57	Keratoacanthoma of the Lip. Medicine (United States), 2015, 94, e1552.	1.0	6
58	EMT in salivary gland tumors: the expression of microRNAs miR-155 and miR-200c is associated with clinical-pathological parameters. Molecular Biology Reports, 2022, 49, 2157-2167.	2.3	6
59	The impact of photobiomodulation therapy on the biology and behavior of head and neck squamous cell carcinomas cell lines. Journal of Photochemistry and Photobiology B: Biology, 2020, 209, 111924.	3.8	5
60	Asparaginase induces selective doseâ€and timeâ€dependent cytotoxicity, apoptosis, and reduction of NFÎºB expression in oral cancer cells. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 857-866.	1.9	5
61	BMI-1 expression increases in oral leukoplakias and correlates with cell proliferation. Journal of Applied Oral Science, 2020, 28, e20190532.	1.8	5
62	An Î±₁-adrenergic receptor ligand repurposed as a potent antiproliferative agent for head and neck squamous cell carcinoma. RSC Advances, 2015, 5, 6536-6542.	3.6	4
63	Topical delivery of mTOR inhibitor halts scarring. Journal of Dermatological Science, 2019, 95, 76-79.	1.9	4
64	From Tissue Physoxia to Cancer Hypoxia, Cost-Effective Methods to Study Tissue-Specific O2 Levels in Cellular Biology. International Journal of Molecular Sciences, 2022, 23, 5633.	4.1	4
65	Immunoprofile of c-MET/PI3K signaling in human salivary gland tumors. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 120, 238-247.	0.4	3
66	Expression profile of DNA repair proteins and histone H3 lys-9 acetylation in cutaneous and oral lichen planus. Archives of Oral Biology, 2020, 119, 104880.	1.8	3
67	Histone Modification on Parathyroid Tumors: A Review of Epigenetics. International Journal of Molecular Sciences, 2022, 23, 5378.	4.1	3
68	Expression Profile of the PI3K-AKT-mTOR Pathway in Head and Neck Squamous Cell Carcinoma: Data from Brazilian Population. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2021, , .	0.4	2
69	Loss of PTEN sensitizes head and neck squamous cell carcinoma to 5-AZA-2â€™-deoxycytidine. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2020, 130, 181-190.	0.4	1
70	Novel cinnamon-laden nanofibers as a potential antifungal coating for poly(methyl methacrylate) denture base materials. Clinical Oral Investigations, 2022, 26, 3697-3706.	3.0	1
71	Spotlight on rare cancers. Oral Diseases, 0, , .	3.0	0