Rogerio M Castilho

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/171468/publications.pdf

Version: 2024-02-01

104 papers	4,836 citations	101384 36 h-index	102304 66 g-index
105 all docs	105 docs citations	105 times ranked	7084 citing authors

#	Article	IF	Citations
1	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.	1.4	11
2	Comparative analysis between extraâ€short implants (â‰6â€‰mm) and 6â€‰mmâ€longer implants: a metaâ€analysis of randomized controlled trial. Australian Dental Journal, 2022, 67, 194-211.	0.6	10
3	MutSÎ± expression predicts a lower disease-free survival in malignant salivary gland tumors: an immunohistochemical study. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2022, 27, e164-e173.	0.7	0
4	Blood and Salivary Inflammatory Biomarkers Profile in Patients with Chronic Kidney Disease and Periodontal Disease: A Systematic Review. Diseases (Basel, Switzerland), 2022, 10, 12.	1.0	11
5	Sinus Lift Associated with Leucocyte-Platelet-Rich Fibrin (Second Generation) for Bone Gain: A Systematic Review. Journal of Clinical Medicine, 2022, 11, 1888.	1.0	6
6	Tensile Strength Essay Comparing Three Different Platelet-Rich Fibrin Membranes (L-PRF, A-PRF, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	9
7	Periodontal disease affects oral cancer progression in a surrogate animal model for tobacco exposure. International Journal of Oncology, 2022, 60, .	1.4	7
8	Clinical Performance Comparing Titanium and Titaniumâ€"Zirconium or Zirconia Dental Implants: A Systematic Review of Randomized Controlled Trials. Dentistry Journal, 2022, 10, 83.	0.9	10
9	Histone Modification on Parathyroid Tumors: A Review of Epigenetics. International Journal of Molecular Sciences, 2022, 23, 5378.	1.8	3
10	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.	1.8	4
11	Photobiomodulation therapy drives massive epigenetic histone modifications, stem cells mobilization and accelerated epithelial healing. Journal of Biophotonics, 2021, 14, e202000274.	1.1	10
12	Immunohistological composition of periâ€implantitis affected tissue around ceramic implantsâ€"A pilot study. Journal of Periodontology, 2021, 92, 571-579.	1.7	22
13	New tendencies in non-surgical periodontal therapy. Brazilian Oral Research, 2021, 35, e095.	0.6	17
14	Synergistic efficacy of combined EGFR and HDAC inhibitors overcomes tolerance to EGFR monotherapy in salivary mucoepidermoid carcinoma. Oral Oncology, 2021, 115, 105166.	0.8	13
15	Metformin-loaded nanospheres-laden photocrosslinkable gelatin hydrogel for bone tissue engineering. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 116, 104293.	1.5	29
16	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.	2.0	12
17	Epigenetic modulation of the tumor microenvironment in head and neck cancer: Challenges and opportunities. Critical Reviews in Oncology/Hematology, 2021, 164, 103397.	2.0	5
18	The IL-6R and Bmi-1 axis controls self-renewal and chemoresistance of head and neck cancer stem cells. Cell Death and Disease, 2021, 12, 988.	2.7	27

#	Article	IF	Citations
19	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, , .	0.2	2
20	Can propranolol act as a chemopreventive agent during oral carcinogenesis? An experimental animal study. European Journal of Cancer Prevention, 2021, 30, 315-321.	0.6	2
21	Understanding the role of endotoxin tolerance in chronic inflammatory conditions and periodontal disease. Journal of Clinical Periodontology, 2021, , .	2.3	6
22	miR-22 and miR-205 Drive Tumor Aggressiveness of Mucoepidermoid Carcinomas of Salivary Glands. Frontiers in Oncology, 2021, 11, 786150.	1.3	6
23	Characterization of macrophages infiltrating periâ€implantitis lesions. Clinical Oral Implants Research, 2020, 31, 274-281.	1.9	47
24	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.	0.8	3
25	Head and neck cancer patient-derived xenograft models â€“ A systematic review. Critical Reviews in Oncology/Hematology, 2020, 155, 103087.	2.0	6
26	Zirconia Implants and Marginal Bone Loss: A Systematic Review and Meta-Analysis of Clinical Studies. International Journal of Oral and Maxillofacial Implants, 2020, 35, 707-720.	0.6	24
27	DNA methyltransferase expression is associated with cell proliferation in salivary mucoepidermoid carcinoma. Journal of Oral Pathology and Medicine, 2020, 49, 1053-1060.	1.4	4
28	SCF/C-Kit Signaling Induces Self-Renewal of Dental Pulp Stem Cells. Journal of Endodontics, 2020, 46, S56-S62.	1.4	8
29	Association or Causation? Exploring the Oral Microbiome and Cancer Links. Journal of Dental Research, 2020, 99, 1411-1424.	2.5	43
30	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.	0.2	1
31	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.	1.7	5
32	Skin wound healing triggers epigenetic modifications of histone H4. Journal of Translational Medicine, 2020, 18, 138.	1.8	13
33	Pharmacological PTEN inhibition: potential clinical applications and effects in tissue regeneration. Regenerative Medicine, 2020, 15, 1329-1344.	0.8	11
34	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.	2.8	47
35	BMAL1 Modulates Epidermal Healing in a Process Involving the Antioxidative Defense Mechanism. International Journal of Molecular Sciences, 2020, 21, 901.	1.8	14
36	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.	0.9	5

#	Article	IF	Citations
37	PI3K/AKT/mTOR pathway activation in actinic cheilitis and lip squamous cell carcinomas. Journal of the European Academy of Dermatology and Venereology, 2020, 34, e505-e506.	1.3	1
38	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.	2.0	45
39	Entinostat is a novel therapeutic agent to treat oral squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2020, 49, 771-779.	1.4	12
40	Topical delivery of mTOR inhibitor halts scarring. Journal of Dermatological Science, 2019, 95, 76-79.	1.0	4
41	Interference with the bromodomain epigenome readers drives p21 expression and tumor senescence. Cancer Letters, 2019, 461, 10-20.	3.2	15
42	Hypoxic niches are endowed with a protumorigenic mechanism that supersedes the protective function of PTEN. FASEB Journal, 2019, 33, 13435-13449.	0.2	17
43	Characterization of macrophage polarization in periodontal disease. Journal of Clinical Periodontology, 2019, 46, 830-839.	2.3	70
44	Cancer Stem Cells: Powerful Targets to Improve Current Anticancer Therapeutics. Stem Cells International, 2019, 2019, 1-15.	1.2	44
45	Interfering with bromodomain epigenome readers as therapeutic option in mucoepidermoid carcinoma. Cellular Oncology (Dordrecht), 2019, 42, 143-155.	2.1	8
46	Ablation of Cancer Stem Cells by Therapeutic Inhibition of the MDM2â€“p53 Interaction in Mucoepidermoid Carcinoma. Clinical Cancer Research, 2019, 25, 1588-1600.	3.2	17
47	Targeting histone deacetylase and NFÎºB signaling as a novel therapy for Mucoepidermoid Carcinomas. Scientific Reports, 2018, 8, 2065.	1.6	20
48	When epigenetics meets bioengineeringâ€"A material characteristics and surface topography perspective. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2065-2071.	1.6	28
49	Histones Acetylation and Cancer Stem Cells (CSCs). Methods in Molecular Biology, 2018, 1692, 179-193.	0.4	8
50	DNA intercalators based on (1,10-phenanthrolin-2-yl)isoxazolidin-5-yl core with better growth inhibition and selectivity than cisplatin upon head and neck squamous cells carcinoma. European Journal of Medicinal Chemistry, 2018, 143, 583-590.	2.6	19
51	Dental implantsâ€associated release of titanium particles: A systematic review. Clinical Oral Implants Research, 2018, 29, 1085-1100.	1.9	117
52	UM-HACC-2A: MYB-NFIB fusion-positive human adenoid cystic carcinoma cell line. Oral Oncology, 2018, 87, 21-28.	0.8	23
53	p53 and Cell Fate: Sensitizing Head and Neck Cancer Stem Cells to Chemotherapy. Critical Reviews in Oncogenesis, 2018, 23, 173-187.	0.2	10
54	FGFR signaling regulates resistance of head and neck cancer stem cells to cisplatin. Oncotarget, 2018, 9, 25148-25165.	0.8	39

#	Article	IF	Citations
55	Reduced chromatin acetylation of malignant salivary gland tumors correlates with enhanced proliferation. Journal of Oral Pathology and Medicine, 2017, 46, 792-797.	1.4	15
56	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.	0.3	43
57	PTEN Mediates Activation of Core Clock Protein BMAL1 and Accumulation of Epidermal Stem Cells. Stem Cell Reports, 2017, 9, 304-314.	2.3	22
58	Hypoacetylation of acetylâ€histone H3 (H3K9ac) as marker of poor prognosis in oral cancer. Histopathology, 2017, 71, 278-286.	1.6	53
59	Serendipitous discovery of potent human head and neck squamous cell carcinoma anti-cancer molecules: A fortunate failure of a rational molecular design. European Journal of Medicinal Chemistry, 2017, 141, 188-196.	2.6	8
60	Evaluation of <scp>DNA</scp> methylation of inflammatory genes following treatment of chronic periodontitis: A pilot caseâ€"control study. Journal of Clinical Periodontology, 2017, 44, 905-914.	2.3	24
61	Epigenetic Modifications and Head and Neck Cancer: Implications for Tumor Progression and Resistance to Therapy. International Journal of Molecular Sciences, 2017, 18, 1506.	1.8	129
62	Titanium Activates the DNA Damage Response Pathway in Oral Epithelial Cells: A Pilot Study. International Journal of Oral and Maxillofacial Implants, 2017, 32, 1413-1420.	0.6	46
63	Profiling the Behavior of Distinct Populations of Head and Neck Cancer Stem Cells. Cancers, 2016, 8, 7.	1.7	25
64	Overexpression of MutSÎ± Complex Proteins Predicts Poor Prognosis in Oral Squamous Cell Carcinoma. Medicine (United States), 2016, 95, e3725.	0.4	22
65	<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.	1.4	29
66	Epigenetic Modifications of Histones in Periodontal Disease. Journal of Dental Research, 2016, 95, 215-222.	2.5	97
67	Targeting MDM2 for Treatment of Adenoid Cystic Carcinoma. Clinical Cancer Research, 2016, 22, 3550-3559.	3.2	13
68	Overcoming adaptive resistance in mucoepidermoid carcinoma through inhibition of the IKK-Î²/IÎºBÎ±/NFÎºB axis. Oncotarget, 2016, 7, 73032-73044.	0.8	16
69	Keratoacanthoma of the Lip. Medicine (United States), 2015, 94, e1552.	0.4	6
70	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.	0.4	24
71	Histogenesis of keratoacanthoma: histochemical and immunohistochemical study. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 119, 310-317.	0.2	13
72	Immunoprofile of c-MET/PI3K signaling in human salivary gland tumors. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 120, 238-247.	0.2	3

#	Article	IF	Citations
73	HPV Infection of the Head and Neck Region and Its Stem Cells. Journal of Dental Research, 2015, 94, 1532-1543.	2.5	28
74	Epigenetics and Its Role in Periodontal Diseases: A Stateâ€ofâ€theâ€Art Review. Journal of Periodontology, 2015, 86, 556-568.	1.7	86
75	ALDH/CD44 identifies uniquely tumorigenic cancer stem cells in salivary gland mucoepidermoid carcinomas. Oncotarget, 2015, 6, 26633-26650.	0.8	59
76	Efficacy of laser phototherapy in comparison to topical clobetasol for the treatment of oral lichen planus: a randomized controlled trial. Journal of Biomedical Optics, 2014, 19, 068002.	1.4	52
77	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.	1.5	6
78	Laser phototherapy triggers the production of reactive oxygen species in oral epithelial cells without inducing DNA damage. Journal of Biomedical Optics, 2014, 19, 048002.	1.4	21
79	Laser phototherapy accelerates oral keratinocyte migration through the modulation of the mammalian target of rapamycin signaling pathway. Journal of Biomedical Optics, 2014, 19, 028002.	1.4	47
80	TRIP13 promotes error-prone nonhomologous end joining and induces chemoresistance in head and neck cancer. Nature Communications, 2014, 5, 4527.	5.8	129
81	NFÎºB mediates cisplatin resistance through histone modifications in head and neck squamous cell carcinoma (HNSCC). FEBS Open Bio, 2014, 4, 96-104.	1.0	91
82	The Wnt/Î²-catenin Signaling Circuitry in Head and Neck Cancer. , 2014, , 199-214.		1
83	Histone modifications: Targeting head and neck cancer stem cells. World Journal of Stem Cells, 2014, 6, 511.	1.3	31
84	Exploiting <scp>PI</scp>3<scp>K</scp>/m<scp>TOR</scp> signaling to accelerate epithelial wound healing. Oral Diseases, 2013, 19, 551-558.	1.5	78
85	PTEN Deficiency Contributes to the Development and Progression of Head and Neck Cancer. Neoplasia, 2013, 15, 461-471.	2.3	111
86	Characterization of tumorigenic cell lines from the recurrence and lymph node metastasis of a human salivary mucoepidermoid carcinoma. Oral Oncology, 2013, 49, 1059-1066.	0.8	50
87	Inhibition of Histone Deacetylase Impacts Cancer Stem Cells and Induces Epithelial-Mesenchyme Transition of Head and Neck Cancer. PLoS ONE, 2013, 8, e58672.	1.1	111
88	Periostin Responds to Mechanical Stress and Tension by Activating the MTOR Signaling Pathway. PLoS ONE, 2013, 8, e83580.	1.1	46
89	Histones: Controlling Tumor Signaling Circuitry. Journal of Carcinogenesis & Mutagenesis, 2013, 1, 1-12.	0.3	18
90	A role for COX2-derived PGE2 and PGE2-receptor subtypes in head and neck squamous carcinoma cell proliferation. Oral Oncology, 2010, 46, 880-887.	0.8	74

#	Article	IF	Citations
91	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.	1.1	92
92	Accelerated Wound Healing by mTOR Activation in Genetically Defined Mouse Models. PLoS ONE, 2010, 5, e10643.	1.1	158
93	Dysregulated molecular networks in head and neck carcinogenesis. Oral Oncology, 2009, 45, 324-334.	0.8	317
94	mTOR Mediates Wnt-Induced Epidermal Stem Cell Exhaustion and Aging. Cell Stem Cell, 2009, 5, 279-289.	5.2	356
95	Chemoprevention and Treatment of Experimental Cowden's Disease by mTOR Inhibition with Rapamycin. Cancer Research, 2008, 68, 7066-7072.	0.4	92
96	Augmented Wnt Signaling in a Mammalian Model of Accelerated Aging. Science, 2007, 317, 803-806.	6.0	683
97	Requirement of Rac1 distinguishes follicular from interfollicular epithelial stem cells. Oncogene, 2007, 26, 5078-5085.	2.6	54
98	Molecular Cross-Talk between the NFÎºB and STAT3 Signaling Pathways in Head and Neck Squamous Cell Carcinoma. Neoplasia, 2006, 8, 733-746.	2.3	150
99	Semaphorin 4D provides a link between axon guidance processes and tumor-induced angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9017-9022.	3.3	190
100	Osteolipoma: a rare lesion in the oral cavity. British Journal of Oral and Maxillofacial Surgery, 2004, 42, 363-364.	0.4	43
101	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.	1.4	51
102	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.	0.8	41
103	Sensitizing mucoepidermoid carcinomas to chemotherapy by targeted disruption of cancer stem cells. Oncotarget, 0, 7, 42447-42460.	0.8	30
104	Spotlight on rare cancers. Oral Diseases, 0, , .	1.5	0