

Francisco Caramelo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84
papers

778
citations

17
h-index

25
g-index

109
ext. papers

1,093
ext. citations

3.1
avg, IF

4.15
L-index

#	Paper	IF	Citations
84	Using Resistin, glucose, age and BMI to predict the presence of breast cancer. <i>BMC Cancer</i> , 2018 , 18, 29	4.8	98
83	Antimicrobial Photodynamic Therapy against Endodontic and Mono and Mixed Biofilms in the Presence of Photosensitizers: A Comparative Study with Classical Endodontic Irrigants. <i>Frontiers in Microbiology</i> , 2017 , 8, 498	5.7	42
82	1-year In Vitro Evaluation of Tooth Discoloration Induced by 2 Calcium Silicate-based Cements. <i>Journal of Endodontics</i> , 2016 , 42, 1403-7	4.7	42
81	Genetic gains and losses in oral squamous cell carcinoma: impact on clinical management. <i>Cellular Oncology (Dordrecht)</i> , 2014 , 37, 29-39	7.2	39
80	Therapies for White Spot Lesions-A Systematic Review. <i>Journal of Evidence-based Dental Practice</i> , 2017 , 17, 23-38	1.9	34
79	The effect of neoadjuvant platinum-based chemotherapy in mutated triple negative breast cancers -systematic review and meta-analysis. <i>Hereditary Cancer in Clinical Practice</i> , 2019 , 17, 11	2.3	32
78	Functional and molecular characterization of cancer stem-like cells in bladder cancer: a potential signature for muscle-invasive tumors. <i>Oncotarget</i> , 2015 , 6, 36185-201	3.3	29
77	WT1, MSH6, GATA5 and PAX5 as epigenetic oral squamous cell carcinoma biomarkers - a short report. <i>Cellular Oncology (Dordrecht)</i> , 2016 , 39, 573-582	7.2	29
76	Efficacy of Rapid Maxillary Expansion in the Treatment of Obstructive Sleep Apnea Syndrome: A Systematic Review With Meta-analysis. <i>Journal of Evidence-based Dental Practice</i> , 2017 , 17, 159-168	1.9	28
75	Is the chlorophyll derivative Zn(II)eMe a good photosensitizer to be used in root canal disinfection?. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018 , 22, 205-211	3.5	28
74	Genomic predictive model for recurrence and metastasis development in head and neck squamous cell carcinoma patients. <i>Scientific Reports</i> , 2017 , 7, 13897	4.9	25
73	Prevalence and characteristics of Epstein-Barr virus-associated gastric carcinomas in Portugal. <i>Infectious Agents and Cancer</i> , 2017 , 12, 41	3.5	22
72	Progressive changes in pneumococcal carriage in children attending daycare in Portugal after 6 years of gradual conjugate vaccine introduction show falls in most residual vaccine serotypes but no net replacement or trends in diversity. <i>Vaccine</i> , 2012 , 30, 3951-6	4.1	22
71	Genetic imbalances detected by multiplex ligation-dependent probe amplification in a cohort of patients with oral squamous cell carcinoma-the first step towards clinical personalized medicine. <i>Tumor Biology</i> , 2014 , 35, 4687-95	2.9	21
70	Genomic and epigenetic signatures associated with survival rate in oral squamous cell carcinoma patients. <i>Journal of Cancer</i> , 2018 , 9, 1885-1895	4.5	18
69	Cyclic fatigue resistance of three rotary file systems in a dynamic model after immersion in sodium hypochlorite. <i>Odontology / the Society of the Nippon Dental University</i> , 2019 , 107, 324-332	3.6	18
68	In vitro study on the sensibility and reproducibility of the new T-Scan ^{III} HD system. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2014 , 55, 14-22	0.6	17

67	Cytotoxic effects of a chlorhexidine mouthwash and of an enzymatic mouthwash on human gingival fibroblasts. <i>Odontology / the Society of the Nippon Dental University</i> , 2020 , 108, 260-270	3.6	16
66	3D virtual planning in orthognathic surgery and CAD/CAM surgical splints generation in one patient with craniofacial microsomia: a case report. <i>Dental Press Journal of Orthodontics</i> , 2016 , 21, 89-100	1.3	15
65	Evaluation of markers of outcome in real-world treatment of diabetic macular edema. <i>Eye and Vision (London, England)</i> , 2018 , 5, 27	4.9	15
64	Copy number variants prioritization after array-CGH analysis - a cohort of 1000 patients. <i>Molecular Cytogenetics</i> , 2015 , 8, 103	2	13
63	Tooth Discoloration after Regenerative Endodontic Procedures with Calcium Silicate-Based Cements: An Ex Vivo Study. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5793	2.6	10
62	Collagenated Porcine Heterologous Bone Grafts: Histomorphometric Evaluation of Bone Formation Using Different Physical Forms in a Rabbit Cancellous Bone Model. <i>Molecules</i> , 2021 , 26,	4.8	10
61	Adenosine Deaminase Two and Immunoglobulin M Accurately Differentiate Adult Sneddon-Bostrom Syndrome of Unknown Cause. <i>Cerebrovascular Diseases</i> , 2018 , 46, 257-264	3.2	10
60	Comparing the performance of normality tests with ROC analysis and confidence intervals. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017 , 46, 7535-7551	0.6	9
59	Evaluation of Root-End Preparation with Two Different Endodontic Microsurgery Ultrasonic Tips. <i>Biomedicines</i> , 2020 , 8,	4.8	7
58	Cold Atmospheric Plasma, a Novel Approach against Bladder Cancer, with Higher Sensitivity for the High-Grade Cell Line. <i>Biology</i> , 2021 , 10,	4.9	7
57	Cytogenetic, genomic, and epigenetic characterization of the HSC-3 tongue cell line with lymph node metastasis. <i>Journal of Oral Science</i> , 2018 , 60, 70-81	1.5	7
56	The effects of physical exercise on nonmotor symptoms and on neuroimmune RAGE network in experimental parkinsonism. <i>Journal of Applied Physiology</i> , 2017 , 123, 161-171	3.7	6
55	Role of methamphetamine on glioblastoma cytotoxicity induced by doxorubicin and methotrexate. <i>Neurotoxicity Research</i> , 2014 , 26, 216-27	4.3	6
54	Dental caries, diabetes mellitus, metabolic control and diabetes duration: A systematic review and meta-analysis. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020 , 32, 291-309	3.5	6
53	Chromosomal breakpoints in a cohort of head and neck squamous cell carcinoma patients. <i>Genomics</i> , 2020 , 112, 297-303	4.3	6
52	Simulation of cellular changes on Optical Coherence Tomography of human retina. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 8147-50	0.9	5
51	A direct time-of-flight reconstruction for whole-body single-bed RPC-PET: Results from lesion and anthropomorphic simulated data 2011 ,		5
50	Genomic profile of oral squamous cell carcinomas with an adjacent leukoplakia or with an erythroleukoplakia that evolved after the treatment of primary tumor: A report of two cases. <i>Molecular Medicine Reports</i> , 2017 , 16, 6780-6786	2.9	4

49	Short-term pharyngeal airway space changes after mandibular advancement surgery in Class II patients-a two-dimensional retrospective study. <i>Orthodontics and Craniofacial Research</i> , 2019 , 22, 81-86 ³		4
48	Different Treatments in Patients with Temporomandibular Joint Disorders: A Comparative Randomized Study. <i>Medicina (Lithuania)</i> , 2020 , 56,	3.1	4
47	Monte Carlo simulation of diabetic macular edema changes on optical coherence tomography data 2014 ,		4
46	Timing of Spheno-Occipital Synchondrosis Ossification in Children and Adolescents with Cleft Lip and Palate: A Retrospective Case-Control Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
45	Microtensile Bond Strength and Micromorphology of Bur-cut Enamel Using Five Adhesive Systems. <i>Journal of Adhesive Dentistry</i> , 2015 , 17, 107-16	3	4
44	Maxwell's equations based 3D model of light scattering in the retina 2015 ,		3
43	Evaluation of a novel dog animal model for peri-implant disease: clinical, radiographic, microbiological and histological assessment. <i>Clinical Oral Investigations</i> , 2020 , 24, 3121-3132	4.2	3
42	Parental Risk Factors and Child Birth Data in a Matched Year and Sex Group Cleft Population: A Case-Control Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
41	Type 1 diabetes in children is not a predisposing factor for oral yeast colonization. <i>Medical Mycology</i> , 2017 , 55, 358-367	3.9	3
40	Plasma activated media and direct exposition can selectively ablate retinoblastoma cells. <i>Free Radical Biology and Medicine</i> , 2021 , 171, 302-313	7.8	3
39	Utilizaço do ICON para aferiço da necessidade e eficcia dos tratamentos ortodnticos. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2015 , 56, 34-41	0.6	2
38	Comment on "Evaluation of diagnostic and predictive value of serum adipokines: Leptin, resistin and vistafin in postmenopausal breast cancer". <i>Obesity Research and Clinical Practice</i> , 2016 , 10, 94-5	5.4	2
37	Estudo da prevalncia de periodontite apical numa populaço adulta portuguesa. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2014 , 55, 36-42	0.6	2
36	3D automatic lung segmentation in low-dose CT 2012 ,		2
35	Probability distribution of copy number alterations along the genome: an algorithm to distinguish different tumour profiles. <i>Scientific Reports</i> , 2020 , 10, 14868	4.9	2
34	A seven-gene signature to predict the prognosis of oral squamous cell carcinoma. <i>Oncogene</i> , 2021 , 40, 3859-3869	9.2	2
33	Basal cell carcinomas of the scalp after radiotherapy for tinea capitis in childhood: A genetic and epigenetic study with comparison with basal cell carcinomas evolving in chronically sun-exposed areas. <i>Experimental Dermatology</i> , 2021 , 30, 1126-1134	4	2
32	A retrospective and tridimensional study of the maxillary sinus in patients with cleft lip and palate. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021 , 159, e17-e24	2.1	2

31	Condylar response to large mandibular advancement combined with maxillary impaction and counterclockwise rotation: A computed tomographic study. <i>Journal of Clinical and Experimental Dentistry</i> , 2018 , 10, e891-e901	1.4	2
30	In Vitro Zinc-Air Battery Evaluation for Use in Intraoral Medical Devices. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2014 , 8,	1.3	1
29	Development and initial testing of a pulse oximetry prototype for measuring dental pulp vitality. <i>Journal of Physics: Conference Series</i> , 2015 , 616, 012001	0.3	1
28	3D liver segmentation in computed tomography and positron emission tomography exams through active surfaces 2015 ,		1
27	Tremor modulations across periods with and without voluntary motion and limb load task demands using movement quantification. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 4338-41	0.9	1
26	Image-based data corrections for Positron Emission Mammography 2012 ,		1
25	Upper aerodigestive tract carcinoma: Development of a (epi)genomic predictive model for recurrence and metastasis. <i>Oncology Letters</i> , 2020 , 19, 3459-3468	2.6	1
24	Combined Structural MR and Diffusion Tensor Imaging Classify the Presence of Alzheimer's Disease With the Same Performance as MR Combined With Amyloid Positron Emission Tomography: A Data Integration Approach.. <i>Frontiers in Neuroscience</i> , 2021 , 15, 638175	5.1	1
23	Iodine-131 metabolic radiotherapy leads to cell death and genomic alterations through NIS overexpression on cholangiocarcinoma. <i>International Journal of Oncology</i> , 2020 , 56, 709-727	4.4	1
22	Prevalence and sociobehavioural determinants of early childhood caries among 5-year-old Portuguese children: a longitudinal study. <i>European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry</i> , 2021 , 22, 399-408	2.7	1
21	Effect of Different Irrigation Solutions on the Diffusion of MTA Cement into the Root Canal Dentin. <i>Materials</i> , 2020 , 13,	3.5	1
20	Development of a genomic predictive model for cholangiocarcinoma using copy number alteration data. <i>Journal of Clinical Pathology</i> , 2021 ,	3.9	1
19	Salivary counts of Streptococcus mutans and Lactobacillus in patients with and without cleft lip and/or palate undergoing orthodontic treatment: A meta-analysis. <i>International Journal of Dental Hygiene</i> , 2021 ,	2.6	1
18	Kinetics of radium-223 and its effects on survival, proliferation and DNA damage in lymph-node and bone metastatic prostate cancer cell lines. <i>International Journal of Radiation Biology</i> , 2021 , 97, 714-726	2.9	1
17	Open-Air Cold Plasma Device Leads to Selective Tumor Cell Cytotoxicity. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4171	2.6	1
16	Sealing efficacy of system B versus Thermafil and Guttacore obturation techniques evidenced by scintigraphic analysis. <i>Journal of Clinical and Experimental Dentistry</i> , 2017 , 9, e56-e60	1.4	1
15	Genomic and epigenetic characterization for the comparison of synchronous bilateral tongue squamous cell carcinomas-A case report. <i>Current Problems in Cancer</i> , 2017 , 41, 398-406	2.3	0
14	Scatter Correction for Positron Emission Mammography using an Estimation of Trues Method Approach. <i>Procedia Technology</i> , 2012 , 5, 903-911		0

13	The challenge of ovarian tissue culture: 2D versus 3D culture. <i>Journal of Ovarian Research</i> , 2021 , 14, 147-155	5.5	o
12	Multiple Basal Cell Carcinomas of the Scalp After Radiotherapy: Genomic Study in a Case With Latency Period Over 80 Years. <i>American Journal of Dermatopathology</i> , 2021 , 43, 438-442	0.9	o
11	Dynamic behavior and surface characteristics of conventional and self-ligating brackets. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2016 , 57, 1-8	0.6	
10	(Cyto)genomic and epigenetic characterization of BICR 10 cell line and three new established primary human head and neck squamous cell carcinoma cultures. <i>Genes and Genomics</i> , 2019 , 41, 1207-1221	2.1	
9	RE: Hsu J: Minimizing the Risk of Endophthalmitis after Injection. What Have We Learned? (Ophthalmol Retina. 2019;3:1-2). <i>Ophthalmology Retina</i> , 2019 , 3, e3-e4	3.8	
8	In vitro evaluation of wear and canal transportation using reciprocating instruments: RECIPROC vs WaveOne files. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2013 , 54, 117-123	0.6	
7	Genetic and epigenetic characterization of the tumors in a patient with a tongue primary tumor, a recurrence and a pharyngoesophageal second primary tumor. <i>Molecular Cytogenetics</i> , 2017 , 10, 13	2	
6	Orienta do plano mandibular ap distra osteognica dento-suportada: estudo experimental no c. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2014 , 55, 23-28	0.6	
5	Implantoplasty Improves Clinical Parameters over a 2-Year Follow-Up: A Case Series.. <i>Medicina (Lithuania)</i> , 2022 , 58,	3.1	
4	Motion Correction in Conventional Nuclear Medicine Imaging. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2012 , 113-139	0.3	
3	Temporomandibular joint trauma and disability assessment - A longitudinal exploratory study. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2021 , 82, 102230	1.7	
2	Pharyngeal Airspace Alterations after Using the Mandibular Advancement Device in the Treatment of Obstructive Sleep Apnea Syndrome. <i>Life</i> , 2022 , 12, 835	3	
1	Condylar Changes after Maxillary Expansion in Children with Cleft Lip and Palate: A Three-Dimensional Retrospective Study. <i>Biomimetics</i> , 2022 , 7, 73	3.7	