

# Francisco Caramelo

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

1,365  
citations

331259

21  
h-index

395343

33  
g-index

109  
all docs

109  
docs citations

109  
times ranked

2105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Resistin, glucose, age and BMI to predict the presence of breast cancer. BMC Cancer, 2018, 18, 29.	1.1	177
2	Antimicrobial Photodynamic Therapy against Endodontic Enterococcus faecalis and Candida albicans Mono and Mixed Biofilms in the Presence of Photosensitizers: A Comparative Study with Classical Endodontic Irrigants. Frontiers in Microbiology, 2017, 8, 498.	1.5	59
3	1-year InÂVitro Evaluation of Tooth Discoloration Induced by 2 Calcium Silicateâ€“based Cements. Journal of Endodontics, 2016, 42, 1403-1407.	1.4	58
4	Therapies for White Spot Lesionsâ€”A Systematic Review. Journal of Evidence-based Dental Practice, 2017, 17, 23-38.	0.7	55
5	Efficacy of Rapid Maxillary Expansion in the Treatment of Obstructive Sleep Apnea Syndrome: A Systematic Review With Meta-analysis. Journal of Evidence-based Dental Practice, 2017, 17, 159-168.	0.7	51
6	The effect of neoadjuvant platinum-based chemotherapy in BRCA mutated triple negative breast cancers -systematic review and meta-analysis. Hereditary Cancer in Clinical Practice, 2019, 17, 11.	0.6	51
7	Genetic gains and losses in oral squamous cell carcinoma: impact on clinical management. Cellular Oncology (Dordrecht), 2014, 37, 29-39.	2.1	46
8	Genomic predictive model for recurrence and metastasis development in head and neck squamous cell carcinoma patients. Scientific Reports, 2017, 7, 13897.	1.6	38
9	Prevalence and characteristics of Epsteinâ€”Barr virus-associated gastric carcinomas in Portugal. Infectious Agents and Cancer, 2017, 12, 41.	1.2	35
10	Functional and molecular characterization of cancer stem-like cells in bladder cancer: a potential signature for muscle-invasive tumors. Oncotarget, 2015, 6, 36185-36201.	0.8	34
11	Is the chlorophyll derivative Zn(II)e 6 Me a good photosensitizer to be used in root canal disinfection?. Photodiagnosis and Photodynamic Therapy, 2018, 22, 205-211.	1.3	33
12	Tooth Discoloration after Regenerative Endodontic Procedures with Calcium Silicate-Based Cementsâ€”An Ex Vivo Study. Applied Sciences (Switzerland), 2020, 10, 5793.	1.3	33
13	WT1, MSH6, GATA5 and PAX5 as epigenetic oral squamous cell carcinoma biomarkers - a short report. Cellular Oncology (Dordrecht), 2016, 39, 573-582.	2.1	31
14	Cytotoxic effects of a chlorhexidine mouthwash and of an enzymatic mouthwash on human gingival fibroblasts. Odontology / the Society of the Nippon Dental University, 2020, 108, 260-270.	0.9	31
15	Cyclic fatigue resistance of three rotary file systems in a dynamic model after immersion in sodium hypochlorite. Odontology / the Society of the Nippon Dental University, 2019, 107, 324-332.	0.9	29
16	Evaluation of markers of outcome in real-world treatment of diabetic macular edema. Eye and Vision (London, England), 2018, 5, 27.	1.4	27
17	Collagenated Porcine Heterologous Bone Grafts: Histomorphometric Evaluation of Bone Formation Using Different Physical Forms in a Rabbit Cancellous Bone Model. Molecules, 2021, 26, 1339.	1.7	26
18	3D virtual planning in orthognathic surgery and CAD/CAM surgical splints generation in one patient with craniofacial microsomia: a case report. Dental Press Journal of Orthodontics, 2016, 21, 89-100.	0.2	25

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19	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, 3951-3956.	1.7	23
20	Genomic and epigenetic signatures associated with survival rate in oral squamous cell carcinoma patients. <i>Journal of Cancer</i> , 2018, 9, 1885-1895.	1.2	23
21	Application of Three-Dimensional Digital Technology in Orthodontics: The State of the Art. <i>Biomimetics</i> , 2022, 7, 23.	1.5	23
22	Genetic imbalances detected by multiplex ligation-dependent probe amplification in a cohort of patients with oral squamous cell carcinomaâ€”the first step towards clinical personalized medicine. <i>Tumor Biology</i> , 2014, 35, 4687-95.	0.8	22
23	Different Treatments in Patients with Temporomandibular Joint Disorders: A Comparative Randomized Study. <i>Medicina (Lithuania)</i> , 2020, 56, 113.	0.8	22
24	In vitro study on the sensibility and reproducibility of the new Tâ€™Scanâ€™III HD system. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2014, 55, 14-22.	0.1	21
25	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	21
26	Dental caries, <i>diabetes mellitus</i>, metabolic control and diabetes duration: A systematic review and metaâ€™analysis. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020, 32, 291-309.	1.8	18
27	Copy number variants prioritization after array-CGH analysis â€™ a cohort of 1000 patients. <i>Molecular Cytogenetics</i> , 2015, 8, 103.	0.4	17
28	Adenosine Deaminase Two and Immunoglobulin M Accurately Differentiate Adult Sneddonâ€™s Syndrome of Unknown Cause. <i>Cerebrovascular Diseases</i> , 2018, 46, 257-264.	0.8	15
29	Cold Atmospheric Plasma, a Novel Approach against Bladder Cancer, with Higher Sensitivity for the High-Grade Cell Line. <i>Biology</i> , 2021, 10, 41.	1.3	15
30	Cold Atmospheric Plasma Apoptotic and Oxidative Effects on MCF7 and HCC1806 Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1698.	1.8	15
31	Plasma activated media and direct exposition can selectively ablate retinoblastoma cells. <i>Free Radical Biology and Medicine</i> , 2021, 171, 302-313.	1.3	14
32	Evaluation of Root-End Preparation with Two Different Endodontic Microsurgery Ultrasonic Tips. <i>Biomedicines</i> , 2020, 8, 383.	1.4	14
33	Open-Air Cold Plasma Device Leads to Selective Tumor Cell Cytotoxicity. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4171.	1.3	13
34	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.	1.2	11
35	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.	1.1	11
36	A seven-gene signature to predict the prognosis of oral squamous cell carcinoma. <i>Oncogene</i> , 2021, 40, 3859-3869.	2.6	11

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37	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.	0.7	9
38	Chromosomal breakpoints in a cohort of head and neck squamous cell carcinoma patients. <i>Genomics</i> , 2020, 112, 297-303.	1.3	9
39	Luting indirect restorations with resin cements versus composite resins: Effects of preheating and ultrasound energy on film thickness. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 641-649.	1.8	9
40	Microtensile Bond Strength and Micromorphology of Bur-cut Enamel Using Five Adhesive Systems. <i>Journal of Adhesive Dentistry</i> , 2015, 17, 107-16.	0.3	9
41	Probability distribution of copy number alterations along the genome: an algorithm to distinguish different tumour profiles. <i>Scientific Reports</i> , 2020, 10, 14868.	1.6	8
42	Role of Methamphetamine on Glioblastoma Cytotoxicity Induced by Doxorubicin and Methotrexate. <i>Neurotoxicity Research</i> , 2014, 26, 216-227.	1.3	7
43	Short-term pharyngeal airway space changes after mandibular advancement surgery in Class <sc>II</sc> patients—a two-dimensional retrospective study. <i>Orthodontics and Craniofacial Research</i> , 2019, 22, 81-86.	1.2	7
44	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.	1.4	7
45	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.	0.7	7
46	Effect of Different Irrigation Solutions on the Diffusion of MTA Cement into the Root Canal Dentin. <i>Materials</i> , 2020, 13, 5472.	1.3	7
47	Timing of Spheno-Occipital Synchronosis 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, 8889.	1.2	7
48	Evaluation of the Interfaces between Restorative and Regenerative Biomaterials Used in Vital Pulp Therapy. <i>Materials</i> , 2021, 14, 5055.	1.3	7
49	The challenge of ovarian tissue culture: 2D versus 3D culture. <i>Journal of Ovarian Research</i> , 2021, 14, 147.	1.3	7
50	Monte Carlo simulation of diabetic macular edema changes on optical coherence tomography data. , 2014, , .		6
51	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.	0.8	6
52	A direct time-of-flight reconstruction for whole-body single-bed RPC-PET: Results from lesion and anthropomorphic simulated data. , 2011, , .		5
53	Simulation of cellular changes on Optical Coherence Tomography of human retina. , 2015, 2015, 8147-50.		5
54	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.	1.4	5

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55	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, 4615.	1.2	5
56	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.	1.4	5
57	A Comparative Study of Oral Health-Related Quality of Life among Cleft Lip and Palate Patients and Their Families during Orthodontic Treatment. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12826.	1.2	5
58	Sealing efficacy of system B versus Thermafil and Guttacore obturation techniques evidenced by scintigraphic analysis. <i>Journal of Clinical and Experimental Dentistry</i> , 2016, 9, 0-0.	0.5	4
59	Type 1 diabetes in children is not a predisposing factor for oral yeast colonization. <i>Medical Mycology</i> , 2017, 55, myw092.	0.3	4
60	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, 0-0.	0.5	4
61	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.	1.0	4
62	The accuracy of magnetic resonance imaging in predicting the size of pure ductal carcinoma in situ: a systematic review and meta-analysis. <i>Npj Breast Cancer</i> , 2022, 8, .	2.3	4
63	Image-based data corrections for Positron Emission Mammography. , 2012, , .		3
64	3D automatic lung segmentation in low-dose CT. , 2012, , .		3
65	Estudo da prevalência de periodontite apical numa população adulta portuguesa. <i>Revista Portuguesa De Estomatologia, Medicina Dentária E Cirurgia Maxilofacial</i> , 2014, 55, 36-42.	0.1	3
66	Maxwell's equations based 3D model of light scattering in the retina. , 2015, , .		3
67	Salivary counts of <i>Streptococcus mutans</i> and <i>Lactobacillus</i> in patients with and without cleft lip and/or palate undergoing orthodontic treatment: A meta-analysis. <i>International Journal of Dental Hygiene</i> , 2021, , .	0.8	3
68	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.	1.4	3
69	Towards detailed whole body group analysis in nuclear medicine. , 2011, , .		2
70	Tremor modulations across periods with and without voluntary motion and limb load task demands using movement quantification. , 2013, 2013, 4338-41.		2
71	Utilização do ICON para aferição da necessidade e eficácia dos tratamentos ortodônticos. <i>Revista Portuguesa De Estomatologia, Medicina Dentária E Cirurgia Maxilofacial</i> , 2015, 56, 34-41.	0.1	2
72	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, 94-95.	0.8	2

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73	(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.	0.5	2
74	Upper aerodigestive tract carcinoma: Development of a (epi)genomic predictive model for recurrence and metastasis. <i>Oncology Letters</i> , 2020, 19, 3459-3468.	0.8	2
75	Scatter Correction for Positron Emission Mammography using an Estimation of Trues Method Approach. <i>Procedia Technology</i> , 2012, 5, 903-911.	1.1	1
76	In vitro evaluation of wear and canal transportation using reciprocating instruments: RECIPROCA® vs WaveOne® files. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2013, 54, 117-123.	0.1	1
77	In Vitro Zinc-Air Battery Evaluation for Use in Intraoral Medical Devices. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2014, 8, .	0.4	1
78	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
79	3D liver segmentation in computed tomography and positron emission tomography exams through active surfaces. , 2015, , .		1
80	Image-derived input function for brain PET quantification. , 2015, , .		1
81	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.	1.0	1
82	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.	0.3	1
83	Development of a genomic predictive model for cholangiocarcinoma using copy number alteration data. <i>Journal of Clinical Pathology</i> , 2021, , jclinpath-2020-207346.	1.0	1
84	TYPE-2 DIABETES AND DEPRESSION: IS THERE A RELATIONSHIP BETWEEN THESE TWO PATHOLOGIES?. <i>Psicologia, Saude &amp; Doencas</i> , 2021, 22, 495-504.	0.0	1
85	One-Abutment One-Time Effect on Peri-Implant Marginal Bone: A Prospective, Controlled, Randomized, Double-Blind Study. <i>Materials</i> , 2021, 14, 4179.	1.3	1
86	A Pilot Randomized Controlled Clinical Trial Comparing Piezo Versus Conventional Rotary Surgery for Removal of Impacted Mandibular Third Molars. <i>Bioengineering</i> , 2022, 9, 276.	1.6	1
87	On the use of robotics in implant dentistry research. , 2012, , .		0
88	Orientaço do plano mandibular aps distraço osteognica dento-suportada: estudo experimental no co. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2014, 55, 23-28.	0.1	0
89	Development of a tool for automatic classification of intratumoral heterogeneity of lung cancers based on PET/CT intensity values. , 2015, , .		0
90	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.	0.1	0

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91	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.	0.4	0
92	Distributed non-invasive system for measuring the arterial input function in PET. , 2017, , .		0
93	RE: Hsu J: Minimizing the Risk of Endophthalmitis after Injection. What Have We Learned? ( <i>Ophthalmol</i> ) Tj ETQq1 1,0,784314 rgBT /O	1.2	0
94	MO941CLINICAL OUTCOMES IN KIDNEY RE-TRANSPLANTATION. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.4	0
95	MO936KIDNEY RE-TRANSPLANTATION: NOT TOO OLD FOR A SECOND CHANCE. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.4	0
96	Pâ€“452 The challenge of ovarian tissue culture: 2D versus 3D. <i>Human Reproduction</i> , 2021, 36, .	0.4	0
97	Temporomandibular joint trauma and disability assessment - A longitudinal exploratory study. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2021, 82, 102230.	0.5	0
98	Motion Correction in Conventional Nuclear Medicine Imaging. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2012, , 113-139.	0.5	0
99	Aesthetic analysis of the face. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2017, 58, .	0.1	0
100	Implantoplasty Improves Clinical Parameters over a 2-Year Follow-Up: A Case Series. <i>Medicina (Lithuania)</i> , 2022, 58, 113.	0.8	0
101	Pharyngeal Airspace Alterations after Using the Mandibular Advancement Device in the Treatment of Obstructive Sleep Apnea Syndrome. <i>Life</i> , 2022, 12, 835.	1.1	0
102	Condylar Changes after Maxillary Expansion in Children with Cleft Lip and Palateâ€”A Three-Dimensional Retrospective Study. <i>Biomimetics</i> , 2022, 7, 73.	1.5	0