

# Francisco Carlos Groppo

## List of Publications by Year in descending order

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93  
papers

1,773  
citations

257450

24  
h-index

330143

37  
g-index

93  
all docs

93  
docs citations

93  
times ranked

2244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial activity of garlic, tea tree oil, and chlorhexidine against oral microorganisms. <i>International Dental Journal</i> , 2002, 52, 433-437.	2.6	106
2	Statins and Antimicrobial Effects: Simvastatin as a Potential Drug against <i>Staphylococcus aureus</i> Biofilm. <i>PLoS ONE</i> , 2015, 10, e0128098.	2.5	88
3	Use of phytotherapy in dentistry. <i>Phytotherapy Research</i> , 2008, 22, 993-998.	5.8	73
4	Phytochemical screening, antioxidant, and antimicrobial activities of the crude leaves extract from <i>Ipomoea batatas</i> (L.) Lam. <i>Pharmacognosy Magazine</i> , 2011, 7, 165.	0.6	73
5	External Root Resorption of the Second Molar Associated With Third Molar Impaction: Comparison of Panoramic Radiography and Cone Beam Computed Tomography. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014, 72, 1444-1455.	1.2	63
6	Mesial Inclination of Impacted Third Molars and Its Propensity to Stimulate External Root Resorption in Second Molars: A Cone-Beam Computed Tomographic Evaluation. <i>Journal of Oral and Maxillofacial Surgery</i> , 2015, 73, 379-386.	1.2	54
7	Evaluation of metal artefact reduction in cone-beam computed tomography images of different dental materials. <i>Clinical Oral Investigations</i> , 2018, 22, 419-423.	3.0	51
8	Recent advances and perspectives in topical oral anesthesia. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 673-684.	5.0	47
9	Liposomal lidocaine gel for topical use at the oral mucosa: characterization, <i>in vitro</i> assays and <i>in vivo</i> anesthetic efficacy in humans. <i>Journal of Liposome Research</i> , 2015, 25, 11-19.	3.3	46
10	A survey of local anaesthetic use among general dental practitioners in the UK attending postgraduate courses on pain control. <i>British Dental Journal</i> , 2005, 199, 784-787.	0.6	45
11	Inhibition of matrix metalloproteinase-9 activity by doxycycline ameliorates RANK ligand-induced osteoclast differentiation <i>in vitro</i> and <i>in vivo</i> . <i>Experimental Cell Research</i> , 2011, 317, 1454-1464.	2.6	45
12	Development and validation of a formula based on maxillary sinus measurements as a tool for sex estimation: a cone beam computed tomography study. <i>International Journal of Legal Medicine</i> , 2019, 133, 1241-1249.	2.2	43
13	Liposome-Encapsulated Ropivacaine for Topical Anesthesia of Human Oral Mucosa. <i>Anesthesia and Analgesia</i> , 2007, 104, 1528-1531.	2.2	41
14	The effects of nicotine and cotinine on <i>Porphyromonas gingivalis</i> colonisation of epithelial cells. <i>Archives of Oral Biology</i> , 2009, 54, 1061-1067.	1.8	41
15	Anesthetic Efficacy of Articaine and Lidocaine for Incisive/Mental Nerve Block. <i>Journal of Endodontics</i> , 2010, 36, 438-441.	3.1	40
16	Hybrid Hydrogel Composed of Polymeric Nanocapsules Co-Loading Lidocaine and Prilocaine for Topical Intraoral Anesthesia. <i>Scientific Reports</i> , 2018, 8, 17972.	3.3	38
17	Influence of salivary washout on drug delivery to the oral cavity using coated microneedles: An <i>in vitro</i> evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 215-223.	4.0	35
18	Anesthetic Efficacy of 3 Volumes of Lidocaine With Epinephrine in Maxillary Infiltration Anesthesia. <i>Anesthesia Progress</i> , 2008, 55, 29-34.	0.5	35

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19	Evaluation of different pig oral mucosa sites as permeability barrier models for drug permeation studies. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 81, 52-59.	4.0	33
20	Cariogenic potential of cows' milk, human and infant formula milks and effect of fluoride supplementation. <i>British Journal of Nutrition</i> , 2009, 101, 376-382.	2.3	32
21	Evaluation of the efficacy of a metal artifact reduction algorithm in different cone beam computed tomography scanning parameters. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2017, 123, 729-734.	0.4	30
22	In vitro evaluation of the effect of nicotine, cotinine, and caffeine on oral microorganisms. <i>Canadian Journal of Microbiology</i> , 2008, 54, 501-508.	1.7	28
23	Liposome-encapsulated ropivacaine for intraoral topical anesthesia. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 110, 800-804.	1.4	26
24	Antimicrobial resistance of <i>Staphylococcus aureus</i> and oral streptococci strains from high-risk endocarditis patients. <i>General Dentistry</i> , 2005, 53, 410-3.	0.4	25
25	Liposomal-benzocaine gel formulation: correlation between <i>in vitro</i> assays and <i>in vivo</i> topical anesthesia in volunteers. <i>Journal of Liposome Research</i> , 2013, 23, 54-60.	3.3	24
26	Systemic and periodontal conditions of overweight/obese patients during pregnancy and after delivery: a prospective cohort. <i>Clinical Oral Investigations</i> , 2020, 24, 157-165.	3.0	24
27	Efficacy of liposome-encapsulated mepivacaine for infiltrative anesthesia in volunteers. <i>Journal of Liposome Research</i> , 2011, 21, 88-94.	3.3	23
28	Stability and Local Toxicity Evaluation of a Liposomal Prilocaine Formulation. <i>Journal of Liposome Research</i> , 2008, 18, 329-339.	3.3	22
29	Relationship of craniofacial morphology in 3-dimensional analysis of the pharynx. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016, 149, 683-691.e1.	1.7	22
30	Phototherapy and resistance training prevent sarcopenia in ovariectomized rats. <i>Lasers in Medical Science</i> , 2013, 28, 1467-1474.	2.1	21
31	Age and sex estimation based on pulp cavity volume using cone beam computed tomography: development and validation of formulas in a Brazilian sample. <i>Dentomaxillofacial Radiology</i> , 2019, 48, 20190053.	2.7	21
32	Ulceration of gingival mucosa after topical application of EMLA: report of four cases. <i>British Dental Journal</i> , 2008, 204, 133-134.	0.6	20
33	Metal artifact production and reduction in CBCT with different numbers of basis images. <i>Imaging Science in Dentistry</i> , 2018, 48, 41.	1.8	20
34	Isolation and Antimicrobial Resistance of <i>Staphylococcus aureus</i> isolates in a Dental Clinic Environment. <i>Infection Control and Hospital Epidemiology</i> , 2007, 28, 185-190.	1.8	19
35	Antinociceptive and anti-edema properties of the ethyl acetate fraction obtained from extracts of <i>Coriandrum sativum</i> Linn. leaves. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1617-1622.	5.6	19
36	Association between excessive maternal weight, periodontitis during the third trimester of pregnancy, and infants' health at birth. <i>Journal of Applied Oral Science</i> , 2020, 28, e20190351.	1.8	19

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37	Anti-Inflammatory and Antitumor Properties of <i>Jatropha Elliptica</i> , a Plant from Brazilian Cerrado Biome. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 573-579.	1.4	17
38	Validation study of a new method for sexual prediction based on CBCT analysis of maxillary sinus and mandibular canal. <i>Archives of Oral Biology</i> , 2017, 83, 118-123.	1.8	16
39	Evaluation of metal artefacts for two CBCT devices with a new dental arch phantom. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20190385.	2.7	16
40	Effect of sodium diclofenac on the bioavailability of amoxicillin. <i>International Journal of Antimicrobial Agents</i> , 2006, 27, 417-422.	2.5	15
41	Anesthetic efficacy and pain induced by dental anesthesia: the influence of gender and menstrual cycle. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007, 103, e34-e38.	1.4	15
42	Liposomal encapsulation improves the duration of soft tissue anesthesia but does not induce pulpal anesthesia. <i>Journal of Clinical Anesthesia</i> , 2010, 22, 313-317.	1.6	14
43	Caroticoclinoid Foramen in Human Skulls: Incidence, Morphometry and its Clinical Implications. <i>International Journal of Morphology</i> , 2011, 29, 427-431.	0.2	14
44	The influence of altered occlusion on pro-inflammatory cytokine levels in the TMJ synovial tissues of rats. <i>Archives of Oral Biology</i> , 2014, 59, 1164-1171.	1.8	14
45	Effect of articaine on mental nerve anterior portion: Histological analysis in rats. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 82-87.	1.6	13
46	The Mental Foramen Position in Dentate and Edentulous Brazilian's Mandible. <i>International Journal of Morphology</i> , 2008, 26, .	0.2	12
47	Effect of Sodium Diclofenac on Serum and Tissue Concentration of Amoxicillin and on Staphylococcal Infection. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 52-55.	1.4	11
48	Pharmacokinetic and local toxicity studies of liposome-encapsulated and plain mepivacaine solutions in rats. <i>Drug Delivery</i> , 2010, 17, 68-76.	5.7	11
49	Antimicrobial Activity of Two Garlic Species ( <i>Allium Sativum</i> and <i>A. Tuberosum</i> ) Against Staphylococci Infection. In Vivo Study in Rats. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 115-121.	1.4	11
50	Accuracy of ITK-SNAP software for 3D analysis of a non-regular topography structure. <i>Oral Radiology</i> , 2020, 36, 183-189.	1.9	11
51	Correlation between joint effusion and morphology of the articular disc within the temporomandibular joint as viewed in the sagittal plane in patients with chronic disc displacement with reduction: A retrospective analytical study from magnetic resonance imaging. <i>Cranio - Journal of Craniomandibular Practice</i> , 2021, 39, 119-124.	1.4	11
52	Pharmacokinetic study of liposome-encapsulated and plain mepivacaine formulations injected intra-orally in volunteers. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 397-403.	2.4	10
53	Anaesthetic efficacy of unilamellar and multilamellar liposomal formulations of articaine in inflamed and uninflamed tissue. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2016, 54, 295-300.	0.8	10
54	Effects of lidocaine and the inclusion complex with 2-hydroxypropyl- $\beta$ -cyclodextrin on cell viability and proliferation of oral squamous cell carcinoma. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 874-882.	2.4	10

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55	L-lysine: Its antagonism with L-arginine in controlling viral infection. Narrative literature review. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 4708-4723.	2.4	10
56	Effects of Caffeine and Theophylline on the Development of Dental Caries in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2000, 23, 339-343.	1.4	8
57	Altered mandibular growth under functional posterior displacement in rats. <i>Angle Orthodontist</i> , 2012, 82, 3-7.	2.4	8
58	Soft tissue thickness in Brazilian adults of different skeletal classes and facial types: A cone beam CT " Study. <i>Legal Medicine</i> , 2020, 47, 101743.	1.3	8
59	Herbal medicines as anxiolytics prior to third molar surgical extraction. A randomized controlled clinical trial. <i>Clinical Oral Investigations</i> , 2021, 25, 1579-1586.	3.0	8
60	Anesthetic efficacy of liposomal prilocaine in maxillary infiltration anesthesia. <i>Journal of Liposome Research</i> , 2011, 21, 81-87.	3.3	7
61	The Effect of 2 Injection Speeds on Local Anesthetic Discomfort During Inferior Alveolar Nerve Blocks. <i>Anesthesia Progress</i> , 2015, 62, 106-109.	0.5	7
62	Resistivity Technique for the Evaluation of the Integrity of Buccal and Esophageal Epithelium Mucosa for In Vitro Permeation Studies: Swine Buccal and Esophageal Mucosa Barrier Models. <i>Pharmaceutics</i> , 2021, 13, 643.	4.5	7
63	Piriform Aperture Morphometry and Nasal Bones Morphology in Brazilian Population by Postero-Anterior Caldwell Radiographs. <i>International Journal of Morphology</i> , 2011, 29, 393-398.	0.2	7
64	Pharmacokinetic profile of liposome-encapsulated ropivacaine after maxillary infiltration anaesthesia. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1945-1951.	0.6	6
65	The effect of smoking on the bioavailability of metronidazole in plasma and saliva. <i>Journal of the American Dental Association</i> , 2012, 143, 149-156.	1.5	6
66	Buffered 2% articaine versus non-buffered 4% articaine in maxillary infiltration: randomized clinical trial. <i>Clinical Oral Investigations</i> , 2021, 25, 3527-3533.	3.0	6
67	L-lysine therapy to control the clinical evolution of pityriasis rosea: Clinical case report and literature review. <i>Dermatologic Therapy</i> , 2021, 34, e14679.	1.7	6
68	Effect of betamethasone and diclofenac sodium on serum and tissue concentration of amoxicillin: in vivo study in rats. <i>Journal of Applied Oral Science</i> , 2006, 14, 319-323.	1.8	5
69	Association between Facial Type and Mandibular Canal Morphology - Analysis in Digital Panoramic Radiographs. <i>Brazilian Dental Journal</i> , 2016, 27, 609-612.	1.1	5
70	The influence of different scan resolutions on the detection of proximal caries lesions. <i>Imaging Science in Dentistry</i> , 2019, 49, 97.	1.8	5
71	The effect of omega-3 in temporomandibular joint synovial tissues of rats with induced arthritis: pilot study. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2020, 49, 1319-1325.	1.5	5
72	Estrone and Estradiol Levels in Breast Cancer Patients Using Anastrozole Are Not Related to Body Mass Index. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , 2017, 39, 14-20.	0.8	4

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73	Palatal needle-free anesthesia for upper molars extraction. A randomized clinical trial. Journal of Cranio-Maxillo-Facial Surgery, 2020, 48, 815-819.	1.7	4
74	Physicochemical characterization and cytotoxicity of articaine-2-hydroxypropyl- $\beta$ -cyclodextrin inclusion complex. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1313-1323.	3.0	4
75	Effectiveness of Acupuncture in Dental Surgery: A Randomized, Crossover, Controlled Trial. JAMS Journal of Acupuncture and Meridian Studies, 2020, 13, 104-109.	0.7	4
76	Bioassay of Amoxicillin in Rats.. Biological and Pharmaceutical Bulletin, 2000, 23, 1033-1035.	1.4	3
77	Biomechanical behavior of CAD/CAM cobalt-chromium and zirconia full-arch fixed prostheses. Journal of Advanced Prosthodontics, 2020, 12, 329.	2.6	3
78	Correlation between facial types and muscle TMD in women: an anthropometric approach. Brazilian Oral Research, 2015, 29, 1-5.	1.4	2
79	Assessment of the bioavailability of an antibiotic prophylactic protocol in patients undergoing third molar surgery. International Journal of Oral and Maxillofacial Surgery, 2019, 48, 1470-1474.	1.5	2
80	Can local anesthesia with ropivacaine provide postoperative analgesia in extraction of impacted mandibular third molars? A randomized clinical trial. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2021, 131, 512-518.	0.4	2
81	Omega 3 polyunsaturated fatty acids: Potential anti-inflammatory effect in a model of ovariectomy and temporomandibular joint arthritis induction in rats. Archives of Oral Biology, 2022, 134, 105340.	1.8	2
82	IMPACT OF BARIATRIC SURGERY IN ANXIETY AND ORAL CONDITION OF OBESE INDIVIDUALS: A COHORT PROSPECTIVE STUDY. Arquivos Brasileiros De Cirurgia Digestiva: ABCD = Brazilian Archives of Digestive Surgery, 2021, 34, e1615.	0.5	2
83	L-lysine in herpesvirus reactivation after ChAdOx1 nCoV-19 vaccine ( AZD1222 ): Minor literature review and case report. Dermatologic Therapy, 2022, 35, .	1.7	2
84	Comparison of two vasoconstrictors on glycemic levels in diabetic patients. Clinical Oral Investigations, 2020, 24, 4591-4596.	3.0	1
85	Effects of 2-Hydroxypropyl- $\beta$ -Cyclodextrin-Lidocaine on Tumor Growth and Inflammatory Response. Current Drug Delivery, 2020, 17, 588-598.	1.6	1
86	Influence of skeletal class and facial type on nose dimensions in a Brazilian subpopulation: a CBCT study. Brazilian Oral Research, 2021, 35, e036.	1.4	0
87	Topical anesthetic efficacy on palatal mucosa pretreated with microneedles. , 0, , .		0
88	Efeitos da mistura lidocaína/prilocaína em filmes de poli-L-lisina/ácido hialurônico sobre queratinócitos humanos. Estudo in vitro. , 0, , .		0
89	Effect of alkalization of 5% lidocaine formulation on skin permeation parameters. , 0, , .		0
90	Evaluation of sleep quality and prevalence of muscular TMD in dentistry undergraduate students. , 0, , .		0

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91	Important blood pressure changes in clinical practice: narrative literature review. Rgo, 0, 70, .	0.2	0
92	Diagnosis and evaluation of patients treated with acupuncture in the public service. Revista Internacional De Acupuntura, 2022, 16, 100178.	0.1	0
93	Edema and hematoma after local anesthesia via posterior superior alveolar nerve block: a case report. Journal of Dental Anesthesia and Pain Medicine, 2022, 22, 227.	1.0	0