

Maria Cristina Volpato

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.

39
papers

702
citations

19
h-index

25
g-index

39
ext. papers

788
ext. citations

3.4
avg, IF

3.34
L-index

#	Paper	IF	Citations
39	Micro and nanosystems for delivering local anesthetics. <i>Expert Opinion on Drug Delivery</i> , 2012 , 9, 1505-24		63
38	Articaine and lignocaine efficiency in infiltration anaesthesia: a pilot study. <i>British Dental Journal</i> , 2004 , 197, 45-6; discussion 33	1.2	55
37	Comparison of effectiveness of 4% articaine associated with 1: 100,000 or 1: 200,000 epinephrine in inferior alveolar nerve block. <i>Anesthesia Progress</i> , 2003 , 50, 164-8	0.8	41
36	Liposomal lidocaine gel for topical use at the oral mucosa: characterization, in vitro assays and in vivo anesthetic efficacy in humans. <i>Journal of Liposome Research</i> , 2015 , 25, 11-9	6.1	39
35	Anesthetic efficacy of articaine and lidocaine for incisive/mental nerve block. <i>Journal of Endodontics</i> , 2010 , 36, 438-41	4.7	34
34	Liposome-encapsulated ropivacaine for topical anesthesia of human oral mucosa. <i>Anesthesia and Analgesia</i> , 2007 , 104, 1528-31, table of contents	3.9	34
33	Recent advances and perspectives in topical oral anesthesia. <i>Expert Opinion on Drug Delivery</i> , 2017 , 14, 673-684	8	33
32	Anesthetic efficacy of 3 volumes of lidocaine with epinephrine in maxillary infiltration anesthesia. <i>Anesthesia Progress</i> , 2008 , 55, 29-34	0.8	30
31	Bone as a biomarker of acute fluoride toxicity. <i>Forensic Science International</i> , 2003 , 137, 209-14	2.6	29
30	Liposomal delivery system for topical anaesthesia of the palatal mucosa. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2012 , 50, 60-4	1.4	24
29	Hybrid Hydrogel Composed of Polymeric Nanocapsules Co-Loading Lidocaine and Prilocaine for Topical Intraoral Anesthesia. <i>Scientific Reports</i> , 2018 , 8, 17972	4.9	24
28	A double-blind comparison of 0.5% bupivacaine with 1:200,000 epinephrine and 0.5% levobupivacaine with 1:200,000 epinephrine for the inferior alveolar nerve block. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006 , 101, 442-7		23
27	Evaluation of different pig oral mucosa sites as permeability barrier models for drug permeation studies. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 81, 52-9	5.1	22
26	Influence of salivary washout on drug delivery to the oral cavity using coated microneedles: An in vitro evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 93, 215-23	5.1	22
25	Efficacy of liposome-encapsulated mepivacaine for infiltrative anesthesia in volunteers. <i>Journal of Liposome Research</i> , 2011 , 21, 88-94	6.1	20
24	Anesthetic efficacy of bupivacaine solutions in inferior alveolar nerve block. <i>Anesthesia Progress</i> , 2005 , 52, 132-5	0.8	20
23	Liposome-encapsulated ropivacaine for intraoral topical anesthesia. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 110, 800-4		19

22	Cariogenic potential of cows' human and infant formula milks and effect of fluoride supplementation. <i>British Journal of Nutrition</i> , 2009 , 101, 376-82	3.6	19
21	Morphological changes in the position of the mandibular foramen in dentate and edentate Brazilian subjects. <i>Clinical Anatomy</i> , 2010 , 23, 394-8	2.5	19
20	Liposomal encapsulation improves the duration of soft tissue anesthesia but does not induce pulpal anesthesia. <i>Journal of Clinical Anesthesia</i> , 2010 , 22, 313-7	1.9	14
19	Ulceration of gingival mucosa after topical application of EMLA: report of four cases. <i>British Dental Journal</i> , 2008 , 204, 133-4	1.2	14
18	Efficacy of liposome-encapsulated 0.5% ropivacaine in maxillary dental anaesthesia. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2012 , 50, 454-8	1.4	12
17	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, e34-8		11
16	Anaesthetic efficacy of unilamellar and multilamellar liposomal formulations of articaine in inflamed and uninfamed tissue. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2016 , 54, 295-300	1.4	9
15	Pharmacokinetic and local toxicity studies of liposome-encapsulated and plain mepivacaine solutions in rats. <i>Drug Delivery</i> , 2010 , 17, 68-76	7	9
14	Effect of articaine on mental nerve anterior portion: histological analysis in rats. <i>Acta Odontologica Scandinavica</i> , 2013 , 71, 82-7	2.2	8
13	Cariogenicity of different types of milk: an experimental study using animal model. <i>Brazilian Dental Journal</i> , 2002 , 13, 27-32	1.9	8
12	Full-Thickness Intraoral Mucosa Barrier Models for In Vitro Drug-Permeation Studies Using Microneedles. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 1756-1764	3.9	7
11	Effects of caffeine and theophylline on the development of dental caries in rats. <i>Biological and Pharmaceutical Bulletin</i> , 2000 , 23, 339-43	2.3	7
10	Anesthetic efficacy of liposomal prilocaine in maxillary infiltration anesthesia. <i>Journal of Liposome Research</i> , 2011 , 21, 81-7	6.1	6
9	Comparison of liposomal and 2-hydroxypropyl-β-cyclodextrin-lidocaine on cell viability and inflammatory response in human keratinocytes and gingival fibroblasts. <i>Journal of Pharmacy and Pharmacology</i> , 2016 , 68, 791-802	4.8	5
8	Methylparaben concentration in commercial Brazilian local anesthetics solutions. <i>Journal of Applied Oral Science</i> , 2012 , 20, 444-8	3.3	4
7	A crossover clinical study to evaluate pain intensity from microneedle insertion in different parts of the oral cavity. <i>International Journal of Pharmaceutics</i> , 2021 , 592, 120050	6.5	4
6	The influence of local anesthetic solutions storage on tissue inflammatory reaction. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2011 , 16, e83-8	2.6	3
5	The Mental Foramen Position in Dentate and Edentulous Brazilian Mandible. <i>International Journal of Morphology</i> , 2008 , 26,	0.5	3

4	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,	6.4	3
3	Promising potential of articaine-loaded poly(epsilon-caprolactone) nanocapules for intraoral topical anesthesia. <i>PLoS ONE</i> , 2021 , 16, e0246760	3.7	3
2	Physicochemical characterization and cytotoxicity of articaine-2-hydroxypropyl-β-cyclodextrin inclusion complex. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020 , 393, 1313-1323	3.4	1
1	Effects of 2-Hydroxypropyl-β-Cyclodextrin-Lidocaine on Tumor Growth and Inflammatory Response. <i>Current Drug Delivery</i> , 2020 , 17, 588-598	3.2	1