Maria Cristina Volpato

List of Publications by Year
in descending order

39	913	394421 19	477307 29
papers	citations	h-index	g-index

39	39	39	885
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Micro and nanosystems for delivering local anesthetics. Expert Opinion on Drug Delivery, 2012, 9, 1505-1524.	5.0	72
2	Articaine and lignocaine efficiency in infiltration anaesthesia: a pilot study. British Dental Journal, 2004, 197, 45-46.	0.6	63
3	Recent advances and perspectives in topical oral anesthesia. Expert Opinion on Drug Delivery, 2017, 14, 673-684.	5.0	47
4	Liposomal lidocaine gel for topical use at the oral mucosa: characterization,in vitroassays andin vivoanesthetic efficacy in humans. Journal of Liposome Research, 2015, 25, 11-19.	3.3	46
5	Comparison of effectiveness of 4% articaine associated with 1: 100,000 or 1: 200,000 epinephrine in inferior alveolar nerve block. Anesthesia Progress, 2003, 50, 164-8.	0.5	44
6	Liposome-Encapsulated Ropivacaine for Topical Anesthesia of Human Oral Mucosa. Anesthesia and Analgesia, 2007, 104, 1528-1531.	2.2	41
7	Anesthetic Efficacy of Articaine and Lidocaine for Incisive/Mental Nerve Block. Journal of Endodontics, 2010, 36, 438-441.	3.1	40
8	Hybrid Hydrogel Composed of Polymeric Nanocapsules Co-Loading Lidocaine and Prilocaine for Topical Intraoral Anesthesia. Scientific Reports, 2018, 8, 17972.	3.3	38
9	Influence of salivary washout on drug delivery to the oral cavity using coated microneedles: An in vitro evaluation. European Journal of Pharmaceutical Sciences, 2016, 93, 215-223.	4.0	35
10	Anesthetic Efficacy of 3 Volumes of Lidocaine With Epinephrine in Maxillary Infiltration Anesthesia. Anesthesia Progress, 2008, 55, 29-34.	0.5	35
11	Evaluation of different pig oral mucosa sites as permeability barrier models for drug permeation studies. European Journal of Pharmaceutical Sciences, 2016, 81, 52-59.	4.0	33
12	Bone as a biomarker of acute fluoride toxicity. Forensic Science International, 2003, 137, 209-214.	2.2	32
13	Cariogenic potential of cows', human and infant formula milks and effect of fluoride supplementation. British Journal of Nutrition, 2009, 101, 376-382.	2.3	32
14	Liposomal delivery system for topical anaesthesia of the palatal mucosa. British Journal of Oral and Maxillofacial Surgery, 2012, 50, 60-64.	0.8	32
15	Morphological changes in the position of the mandibular foramen in dentate and edentate Brazilian subjects. Clinical Anatomy, 2010, 23, 394-398.	2.7	29
16	Liposome-encapsulated ropivacaine for intraoral topical anesthesia. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 110, 800-804.	1.4	26
17	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. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2006, 101, 442-447.	1.4	25
18	Anesthetic Efficacy of Bupivacaine Solutions in Inferior Alveolar Nerve Block. Anesthesia Progress, 2005, 52, 132-135.	0.5	24

#	Article	IF	Citations
19	Efficacy of liposome-encapsulated mepivacaine for infiltrative anesthesia in volunteers. Journal of Liposome Research, 2011, 21, 88-94.	3.3	23
20	Ulceration of gingival mucosa after topical application of EMLA: report of four cases. British Dental Journal, 2008, 204, 133-134.	0.6	20
21	A crossover clinical study to evaluate pain intensity from microneedle insertion in different parts of the oral cavity. International Journal of Pharmaceutics, 2021, 592, 120050.	5.2	19
22	Anesthetic efficacy and pain induced by dental anesthesia: the influence of gender and menstrual cycle. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 103, e34-e38.	1.4	15
23	Liposomal encapsulation improves the duration of soft tissue anesthesia but does not induce pulpal anesthesia. Journal of Clinical Anesthesia, 2010, 22, 313-317.	1.6	14
24	Efficacy of liposome-encapsulated 0.5% ropivacaine in maxillary dental anaesthesia. British Journal of Oral and Maxillofacial Surgery, 2012, 50, 454-458.	0.8	13
25	Effect of articaine on mental nerve anterior portion: Histological analysis in rats. Acta Odontologica Scandinavica, 2013, 71, 82-87.	1.6	13
26	Cariogenicity of different types of milk: an experimental study using animal model. Brazilian Dental Journal, 2002, 13, 27-32.	1.1	13
27	The Mental Foramen Position in Dentate and Edentulous Brazilian's Mandible. International Journal of Morphology, 2008, 26, .	0.2	12
28	Pharmacokinetic and local toxicity studies of liposome-encapsulated and plain mepivacaine solutions in rats. Drug Delivery, 2010, 17, 68-76.	5.7	11
29	Anaesthetic efficacy of unilamellar and multilamellar liposomal formulations of articaine in inflamed and uninflamed tissue. British Journal of Oral and Maxillofacial Surgery, 2016, 54, 295-300.	0.8	10
30	Full-Thickness Intraoral Mucosa Barrier Models for InÂVitro Drug-Permeation Studies Using Microneedles. Journal of Pharmaceutical Sciences, 2019, 108, 1756-1764.	3.3	9
31	Effets of Caffeine and Theophylline on the Development of Dental Caries in Rats.. Biological and Pharmaceutical Bulletin, 2000, 23, 339-343.	1.4	8
32	Anesthetic efficacy of liposomal prilocaine in maxillary infiltration anesthesia. Journal of Liposome Research, 2011, 21, 81-87.	3.3	7
33	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. Pharmaceutics, 2021, 13, 643.	4.5	7
34	Comparison of liposomal and 2-hydroxypropyl-Î²-cyclodextrinâ€“lidocaine on cell viability and inflammatory response in human keratinocytes and gingival fibroblasts. Journal of Pharmacy and Pharmacology, 2016, 68, 791-802.	2.4	6
35	The influence of local anesthetic solutions storage on tissue inflammatory reaction. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2011, 16, e83-e88.	1.7	5
36	Promising potential of articaine-loaded poly(epsilon-caprolactone) nanocapules for intraoral topical anesthesia. PLoS ONE, 2021, 16, e0246760.	2.5	5

#	Article	IF	Citations
37	Methylparaben concentration in commercial Brazilian local anesthetics solutions. Journal of Applied Oral Science, 2012, 20, 444-448.	1.8	4
38	Physicochemical characterization and cytotoxicity of articaine-2-hydroxypropyl-Î²-cyclodextrin inclusion complex. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1313-1323.	3.0	4
39	Effects of 2-Hydroxypropil-Î’-Cyclodextrin-Lidocaine on Tumor Growth and Inflammatory Response. Current Drug Delivery, 2020, 17, 588-598.	1.6	1