

Maria Cristina Volpato

List of Publications by Year in descending order

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39
papers

913
citations

393982

19
h-index

476904

29
g-index

39
all docs

39
docs citations

39
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro and nanosystems for delivering local anesthetics. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 1505-1524.	2.4	72
2	Articaine and lignocaine efficiency in infiltration anaesthesia: a pilot study. <i>British Dental Journal</i> , 2004, 197, 45-46.	0.3	63
3	Recent advances and perspectives in topical oral anesthesia. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 673-684.	2.4	47
4	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.	1.5	46
5	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.	0.2	44
6	Liposome-Encapsulated Ropivacaine for Topical Anesthesia of Human Oral Mucosa. <i>Anesthesia and Analgesia</i> , 2007, 104, 1528-1531.	1.1	41
7	Anesthetic Efficacy of Articaine and Lidocaine for Incisive/Mental Nerve Block. <i>Journal of Endodontics</i> , 2010, 36, 438-441.	1.4	40
8	Hybrid Hydrogel Composed of Polymeric Nanocapsules Co-Loading Lidocaine and Prilocaine for Topical Intraoral Anesthesia. <i>Scientific Reports</i> , 2018, 8, 17972.	1.6	38
9	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.	1.9	35
10	Anesthetic Efficacy of 3 Volumes of Lidocaine With Epinephrine in Maxillary Infiltration Anesthesia. <i>Anesthesia Progress</i> , 2008, 55, 29-34.	0.2	35
11	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.	1.9	33
12	Bone as a biomarker of acute fluoride toxicity. <i>Forensic Science International</i> , 2003, 137, 209-214.	1.3	32
13	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.	1.2	32
14	Liposomal delivery system for topical anaesthesia of the palatal mucosa. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2012, 50, 60-64.	0.4	32
15	Morphological changes in the position of the mandibular foramen in dentate and edentate Brazilian subjects. <i>Clinical Anatomy</i> , 2010, 23, 394-398.	1.5	29
16	Liposome-encapsulated ropivacaine for intraoral topical anesthesia. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 110, 800-804.	1.6	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. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006, 101, 442-447.	1.6	25
18	Anesthetic Efficacy of Bupivacaine Solutions in Inferior Alveolar Nerve Block. <i>Anesthesia Progress</i> , 2005, 52, 132-135.	0.2	24

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19	Efficacy of liposome-encapsulated mepivacaine for infiltrative anesthesia in volunteers. <i>Journal of Liposome Research</i> , 2011, 21, 88-94.	1.5	23
20	Ulceration of gingival mucosa after topical application of EMLA: report of four cases. <i>British Dental Journal</i> , 2008, 204, 133-134.	0.3	20
21	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.	2.6	19
22	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.	1.6	15
23	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.	0.7	14
24	Efficacy of liposome-encapsulated 0.5% ropivacaine in maxillary dental anaesthesia. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2012, 50, 454-458.	0.4	13
25	Effect of articaine on mental nerve anterior portion: Histological analysis in rats. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 82-87.	0.9	13
26	Cariogenicity of different types of milk: an experimental study using animal model. <i>Brazilian Dental Journal</i> , 2002, 13, 27-32.	0.5	13
27	The Mental Foramen Position in Dentate and Edentulous Brazilian's Mandible. <i>International Journal of Morphology</i> , 2008, 26, .	0.1	12
28	Pharmacokinetic and local toxicity studies of liposome-encapsulated and plain mepivacaine solutions in rats. <i>Drug Delivery</i> , 2010, 17, 68-76.	2.5	11
29	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.	0.4	10
30	Full-Thickness Intraoral Mucosa Barrier Models for In Vitro Drug-Permeation Studies Using Microneedles. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 1756-1764.	1.6	9
31	Effects of Caffeine and Theophylline on the Development of Dental Caries in Rats.. <i>Biological and Pharmaceutical Bulletin</i> , 2000, 23, 339-343.	0.6	8
32	Anesthetic efficacy of liposomal prilocaine in maxillary infiltration anesthesia. <i>Journal of Liposome Research</i> , 2011, 21, 81-87.	1.5	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. <i>Pharmaceutics</i> , 2021, 13, 643.	2.0	7
34	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.	1.2	6
35	The influence of local anesthetic solutions storage on tissue inflammatory reaction. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2011, 16, e83-e88.	0.7	5
36	Promising potential of articaine-loaded poly(ϵ -caprolactone) nanocapsules for intraoral topical anesthesia. <i>PLoS ONE</i> , 2021, 16, e0246760.	1.1	5

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37	Methylparaben concentration in commercial Brazilian local anesthetics solutions. <i>Journal of Applied Oral Science</i> , 2012, 20, 444-448.	0.7	4
38	Physicochemical characterization and cytotoxicity of articaine-2-hydroxypropyl- β -cyclodextrin inclusion complex. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1313-1323.	1.4	4
39	Effects of 2-Hydroxypropyl- β -Cyclodextrin-Lidocaine on Tumor Growth and Inflammatory Response. <i>Current Drug Delivery</i> , 2020, 17, 588-598.	0.8	1