

MarÃ-lia A R Buzalaf

List of Publications by Year in descending order

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389
papers

11,660
citations

47006

47
h-index

60623

81
g-index

409
all docs

409
docs citations

409
times ranked

8863
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix Metalloproteinases and Other Matrix Proteinases in Relation to Cariology: The Era of 'Dentin Degradomics'. Caries Research, 2015, 49, 193-208.	2.0	1,548
2	Mechanisms of Action of Fluoride for Caries Control. Monographs in Oral Science, 2011, 22, 97-114.	1.8	313
3	Saliva and dental erosion. Journal of Applied Oral Science, 2012, 20, 493-502.	1.8	243
4	The effect of the solute on the structure, selected mechanical properties, and biocompatibility of Tiâ€Zr system alloys for dental applications. Materials Science and Engineering C, 2014, 34, 354-359.	7.3	157
5	Terminology of Erosive Tooth Wear: Consensus Report of a Workshop Organized by the ORCA and the Cariology Research Group of the IADR. Caries Research, 2020, 54, 2-6.	2.0	155
6	Insights into preventive measures for dental erosion. Journal of Applied Oral Science, 2009, 17, 75-86.	1.8	146
7	Fluoride in Dental Erosion. Monographs in Oral Science, 2011, 22, 158-170.	1.8	139
8	Fluoride Metabolism. Monographs in Oral Science, 2011, 22, 20-36.	1.8	135
9	pH-cycling models for in vitro evaluation of the efficacy of fluoridated dentifrices for caries control: strengths and limitations. Journal of Applied Oral Science, 2010, 18, 316-334.	1.8	134
10	Effect of Salivary Stimulation on Erosion of Human and Bovine Enamel Subjected or Not to Subsequent Abrasion: An in situ/ex vivo Study. Caries Research, 2006, 40, 218-223.	2.0	124
11	Chlorhexidine and green tea extract reduce dentin erosion and abrasion in situ. Journal of Dentistry, 2009, 37, 994-998.	4.1	107
12	Impact of Protease Inhibitors on Dentin Matrix Degradation by Collagenase. Journal of Dental Research, 2012, 91, 1119-1123.	5.2	97
13	Acquired pellicle as a modulator for dental erosion. Archives of Oral Biology, 2014, 59, 631-638.	1.8	96
14	In vitro antimicrobial activity of Caesalpinia ferrea Martius fruits against oral pathogens. Journal of Ethnopharmacology, 2009, 124, 289-294.	4.1	91
15	Gels Containing MMP Inhibitors Prevent Dental Erosion <i>in situ</i>. Journal of Dental Research, 2010, 89, 468-472.	5.2	91
16	The Effect of an Experimental 4% TiF₄ Varnish Compared to NaF Varnishes and 4% TiF₄ Solution on Dental Erosion in vitro. Caries Research, 2008, 42, 269-274.	2.0	83
17	Production of milk peptides with antimicrobial and antioxidant properties through fungal proteases. Food Chemistry, 2019, 278, 823-831.	8.2	83
18	Influence of Fluoride Dentifrice on Brushing Abrasion of Eroded Human Enamel: An in situ/ex vivo Study. Caries Research, 2007, 41, 77-79.	2.0	82

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19	The use of fluoride for the prevention of dental erosion and erosive tooth wear in children and adolescents. <i>European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry</i> , 2019, 20, 517-527.	1.9	79
20	Fluoride ingestion from toothpaste and diet in 1- to 3-year-old Brazilian children. <i>Community Dentistry and Oral Epidemiology</i> , 2007, 35, 53-63.	1.9	78
21	Comparison of Cross-Sectional Hardness and Transverse Microradiography of Artificial Carious Enamel Lesions Induced by Different Demineralising Solutions and Gels. <i>Caries Research</i> , 2009, 43, 474-483.	2.0	74
22	Sodium Fluoride Inhibits MMP-2 and MMP-9. <i>Journal of Dental Research</i> , 2014, 93, 74-77.	5.2	74
23	The proteomic profile of the acquired enamel pellicle according to its location in the dental arches. <i>Archives of Oral Biology</i> , 2017, 79, 20-29.	1.8	73
24	The Role of Matrix Metalloproteinases in Dental Erosion. <i>Advances in Dental Research</i> , 2012, 24, 72-76.	3.6	71
25	Fluoride Mode of Action: Once There Was an Observant Dentist . . . <i>Journal of Dental Research</i> , 2019, 98, 725-730.	5.2	68
26	In vitro Evaluation of the Effectiveness of Acidic Fluoride Dentifrices. <i>Caries Research</i> , 2007, 41, 263-267.	2.0	66
27	Protective effect of green tea on dentin erosion and abrasion. <i>Journal of Applied Oral Science</i> , 2009, 17, 560-564.	1.8	65
28	Preparation and characterization of Ti-15Mo alloy used as biomaterial. <i>Materials Research</i> , 2011, 14, 107-112.	1.3	65
29	Effect of Different Concentrations of Fluoride in Dentifrices on Dentin Erosion Subjected or Not to Abrasion in situ/ex vivo. <i>Caries Research</i> , 2008, 42, 112-116.	2.0	64
30	Effect of Erosive pH Cycling on Different Restorative Materials and on Enamel Restored with These Materials. <i>Operative Dentistry</i> , 2008, 33, 203-208.	1.2	64
31	Effect of a 4% titanium tetrafluoride (TiF4) varnish on demineralisation and remineralisation of bovine enamel in vitro. <i>Journal of Dentistry</i> , 2008, 36, 158-162.	4.1	63
32	pH, Calcium Ion Release, and Setting Time of an Experimental Mineral Trioxide Aggregate-based Root Canal Sealer. <i>Journal of Endodontics</i> , 2011, 37, 844-846.	3.1	61
33	Identification of acid-resistant proteins in acquired enamel pellicle. <i>Journal of Dentistry</i> , 2015, 43, 1470-1475.	4.1	61
34	Review of Fluoride Intake and Appropriateness of Current Guidelines. <i>Advances in Dental Research</i> , 2018, 29, 157-166.	3.6	60
35	Effect of an iron mouthrinse on enamel and dentine erosion subjected or not to abrasion: An in situ/ex vivo study. <i>Archives of Oral Biology</i> , 2007, 52, 128-132.	1.8	58
36	In situ effect of an erosive challenge on different restorative materials and on enamel adjacent to these materials. <i>Journal of Dentistry</i> , 2008, 36, 152-157.	4.1	57

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37	Fluoride Intake of Children: Considerations for Dental Caries and Dental Fluorosis. Monographs in Oral Science, 2011, 22, 1-19.	1.8	57
38	Effect of prolonged erosive pH cycling on different restorative materials. Journal of Oral Rehabilitation, 2008, 35, 947-953.	3.0	56
39	Role of Host-Derived Proteinases in Dentine Caries and Erosion. Caries Research, 2015, 49, 30-37.	2.0	56
40	Treatment of Dentin Hypersensitivity Using Nano-Hydroxyapatite Pastes: A Randomized Three-Month Clinical Trial. Operative Dentistry, 2016, 41, E93-E101.	1.2	55
41	Slow-release fluoride devices: a literature review. Journal of Applied Oral Science, 2008, 16, 238-244.	1.8	54
42	Effect of Iron on Matrix Metalloproteinase Inhibition and on the Prevention of Dentine Erosion. Caries Research, 2010, 44, 309-316.	2.0	53
43	TiF4 and NaF varnishes as anti-erosive agents on enamel and dentin erosion progression in vitro. Journal of Applied Oral Science, 2015, 23, 14-18.	1.8	52
44	Effect of the substitutional elements on the microstructure of the Ti-15Mo-Zr and Ti-15Zr-Mo systems alloys. Journal of Materials Research and Technology, 2015, 4, 180-185.	5.8	51
45	Effect of an Experimental Paste with Hydroxyapatite Nanoparticles and Fluoride on Dental Demineralisation and Remineralisation in situ. Caries Research, 2015, 49, 499-507.	2.0	50
46	Development of Ti-15Zr-Mo alloys for applying as implantable biomedical devices. Journal of Alloys and Compounds, 2018, 749, 163-171.	5.5	50
47	Alternatives to Fluoride in the Prevention and Treatment of Dental Erosion. Monographs in Oral Science, 2014, 25, 244-252.	1.8	49
48	Proteomic approach underlying the hippocampal neurodegeneration caused by low doses of methylmercury after long-term exposure in adult rats. Metallomics, 2019, 11, 390-403.	2.4	49
49	A New Sugarcane Cystatin Strongly Binds to Dental Enamel and Reduces Erosion. Journal of Dental Research, 2017, 96, 1051-1057.	5.2	48
50	In situ effect of sodium fluoride or titanium tetrafluoride varnish and solution on carious demineralization of enamel. European Journal of Oral Sciences, 2012, 120, 342-348.	1.5	47
51	The role of matrix metalloproteinases and cysteine-cathepsins on the progression of dentine erosion. Archives of Oral Biology, 2015, 60, 1340-1345.	1.8	47
52	Lead contents in the surface enamel of deciduous teeth sampled in vivo from children in uncontaminated and in lead-contaminated areas. Environmental Research, 2007, 104, 337-345.	7.5	46
53	Topical Use of Fluorides for Caries Control. Monographs in Oral Science, 2011, 22, 115-132.	1.8	46
54	Proteomic Analysis of Gastrocnemius Muscle in Rats with Streptozotocin-Induced Diabetes and Chronically Exposed to Fluoride. PLoS ONE, 2014, 9, e106646.	2.5	46

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55	Proteomic analysis and antibacterial resistance mechanisms of Salmonella Enteritidis submitted to the inhibitory effect of Origanum vulgare essential oil, thymol and carvacrol. Journal of Proteomics, 2020, 214, 103625.	2.4	46
56	Proteomic analysis of kidney in rats chronically exposed to fluoride. Chemico-Biological Interactions, 2009, 180, 305-311.	4.0	45
57	Effect of a single application of TiF4 and NaF varnishes and solutions on dentin erosion in vitro. Journal of Dentistry, 2010, 38, 153-157.	4.1	45
58	Chronic Exposure to Sodium Fluoride Triggers Oxidative Biochemistry Misbalance in Mice: Effects on Peripheral Blood Circulation. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-8.	4.0	45
59	Saliva as a diagnostic tool for dental caries, periodontal disease and cancer: is there a need for more biomarkers?. Expert Review of Molecular Diagnostics, 2020, 20, 543-555.	3.1	45
60	In vitro Evaluation of Acidified Toothpastes with Low Fluoride Content. Caries Research, 2006, 40, 239-244.	2.0	44
61	The efficacy of a highly concentrated fluoride dentifrice on bovine enamel subjected to erosion and abrasion. Journal of the American Dental Association, 2008, 139, 1652-1656.	1.5	44
62	Fluoride release profile of a nanofilled resin-modified glass ionomer cement. Brazilian Dental Journal, 2011, 22, 275-279.	1.1	44
63	Effect of xylitol varnishes on remineralization of artificial enamel caries lesions in vitro. Journal of Dentistry, 2014, 42, 1495-1501.	4.1	44
64	Preventive Effect of Commercial Desensitizing Toothpastes on Bovine Enamel Erosion in vitro. Caries Research, 2010, 44, 85-89.	2.0	43
65	Mercury fractionation in dourada (Brachyplatystoma rousseauxii) of the Madeira River in Brazil using metalloproteomic strategies. Talanta, 2015, 132, 239-244.	5.5	43
66	Effect of molybdenum on structure, microstructure and mechanical properties of biomedical Ti-20Zr-Mo alloys. Materials Science and Engineering C, 2016, 67, 511-515.	7.3	43
67	Prevention of erosive tooth wear: targeting nutritional and patient-related risks factors. British Dental Journal, 2018, 224, 371-378.	0.6	43
68	Effect of Nd:YAG Irradiation and Fluoride Application on Dentine Resistance to Erosion<i>in Vitro</i>. Photomedicine and Laser Surgery, 2008, 26, 559-563.	2.0	42
69	Proteomic Analysis of Liver in Rats Chronically Exposed to Fluoride. PLoS ONE, 2013, 8, e75343.	2.5	42
70	Curcumin-mediated antimicrobial photodynamic therapy reduces the viability and vitality of infected dentin caries microcosms. Photodiagnosis and Photodynamic Therapy, 2018, 24, 102-108.	2.6	42
71	Prevalence of dental wear among 12-year-old Brazilian adolescents using a modification of the tooth wear index. Public Health, 2008, 122, 942-948.	2.9	40
72	Different Protocols to Produce Artificial Dentine Carious Lesions in vitro and in situ: Hardness and Mineral Content Correlation. Caries Research, 2013, 47, 162-170.	2.0	40

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73	What are the blood lead levels of children living in Latin America and the Caribbean?. Environment International, 2017, 101, 46-58.	10.0	40
74	Effectiveness of a chlorhexidine dentifrice in orthodontic patients: a randomized-controlled trial. Journal of Clinical Periodontology, 2006, 33, 421-426.	4.9	39
75	Influence of Genetic Background on Fluoride Metabolism in Mice. Journal of Dental Research, 2009, 88, 1054-1058.	5.2	38
76	Application of an active attachment model as a high-throughput demineralization biofilm model. Journal of Dentistry, 2012, 40, 41-47.	4.1	38
77	Impact of different fluoride concentrations and <scp>pH</scp> of dentifrices on tooth erosion/abrasion <i>in vitro</i>. Australian Dental Journal, 2013, 58, 106-111.	1.5	38
78	Chronic treatment with fluoride affects the jejunum: insights from proteomics and enteric innervation analysis. Scientific Reports, 2018, 8, 3180.	3.3	38
79	Blood lead and cadmium levels in preschool children and associated risk factors in SÃ£o Paulo, Brazil. Environmental Pollution, 2018, 240, 831-838.	7.5	38
80	Analysis of Fingernails and Urine as Biomarkers of Fluoride Exposure from Dentifrice and Varnish in 4- to 7-Year-Old Children. Caries Research, 2005, 39, 363-370.	2.0	37
81	Effect of 4% titanium tetrafluoride solution on dental erosion by a soft drink: An in situ/ex vivo study. Archives of Oral Biology, 2008, 53, 399-404.	1.8	37
82	Fluoride exposure during pregnancy and lactation triggers oxidative stress and molecular changes in hippocampus of offspring rats. Ecotoxicology and Environmental Safety, 2021, 208, 111437.	6.0	37
83	Fluctuations in Public Water Fluoride Level in Bauru, Brazil. Journal of Public Health Dentistry, 2002, 62, 173-176.	1.2	36
84	Plaque Fluoride Concentrations in a Community without Water Fluoridation: Effects of Calcium and Use of a Fluoride or Placebo Dentifrice. Caries Research, 2005, 39, 100-107.	2.0	36
85	Influence of toothbrushing on enamel softening and abrasive wear of eroded bovine enamel: an in situ study. Brazilian Oral Research, 2006, 20, 148-154.	1.4	36
86	The Influence of Small Quantities of Oxygen in the Structure, Microstructure, Hardness, Elasticity Modulus and Cytocompatibility of Ti-Zr Alloys for Dental Applications. Materials, 2014, 7, 542-553.	2.9	36
87	Effects of chronic fluoride intake on the antioxidant systems of the liver and kidney in rats. Journal of Fluorine Chemistry, 2014, 168, 212-217.	1.7	36
88	Oxidative Biochemistry Disbalance and Changes on Proteomic Profile in Salivary Glands of Rats Induced by Chronic Exposure to Methylmercury. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-15.	4.0	36
89	Effect of an experimental 4% titanium tetrafluoride varnish on dental erosion by a soft drink. Journal of Dentistry, 2007, 35, 858-861.	4.1	35
90	Scanning electron microscopic study of the in situ effect of salivary stimulation on erosion and abrasion in human and bovine enamel. Brazilian Oral Research, 2008, 22, 132-138.	1.4	35

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91	Fingernails and Toenails as Biomarkers of Subchronic Exposure to Fluoride from Dentifrice in 2- to 3-Year-Old Children. <i>Caries Research</i> , 2004, 38, 109-114.	2.0	34
92	Effect of iron on bovine enamel and on the composition of the dental biofilm formed <i>in situ</i> . <i>Archives of Oral Biology</i> , 2006, 51, 471-475.	1.8	34
93	Effect of 4% titanium tetrafluoride solution on the erosion of permanent and deciduous human enamel: an <i>in situ/ex vivo</i> study. <i>Journal of Applied Oral Science</i> , 2009, 17, 56-60.	1.8	34
94	Impact of Experimental Nano-HAP Pastes on Bovine Enamel and Dentin Submitted to a pH Cycling Model. <i>Brazilian Dental Journal</i> , 2013, 24, 273-278.	1.1	34
95	Effect of methylene blue-mediated antimicrobial photodynamic therapy on dentin caries microcosms. <i>Lasers in Medical Science</i> , 2018, 33, 479-487.	2.1	34
96	Total and acid-soluble fluoride content of infant cereals, beverages and biscuits from Brazil. <i>Food Additives and Contaminants</i> , 2004, 21, 210-215.	2.0	33
97	Fluoride concentrations in dental plaque and saliva after the use of a fluoride dentifrice preceded by a calcium lactate rinse. <i>European Journal of Oral Sciences</i> , 2006, 114, 489-493.	1.5	33
98	Evaluation of The Erosive Potential of Soft Drinks. <i>European Journal of Dentistry</i> , 2007, 01, 010-013.	1.7	33
99	<i>In Vitro</i> Evaluation of Enamel Erosion After Nd:YAG Laser Irradiation and Fluoride Application. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 743-747.	2.0	33
100	Effect of supplementation of soft drinks with green tea extract on their erosive potential against dentine. <i>Australian Dental Journal</i> , 2011, 56, 317-321.	1.5	33
101	Effect of NaF and TiF ₄ varnish and solution on bovine dentin erosion plus abrasion <i>in vitro</i> . <i>Acta Odontologica Scandinavica</i> , 2012, 70, 160-164.	1.6	33
102	Use of dentifrices to prevent erosive tooth wear: harmful or helpful?. <i>Brazilian Oral Research</i> , 2014, 28, 1-6.	1.4	33
103	Changes in energy metabolism induced by fluoride: Insights from inside the mitochondria. <i>Chemosphere</i> , 2019, 236, 124357.	8.2	33
104	Fluoride Uptake by Plaque from Water and from Dentifrice. <i>Journal of Dental Research</i> , 2008, 87, 461-465.	5.2	32
105	The erosion and abrasion-inhibiting effect of TiF ₄ and NaF varnishes and solutions on enamel <i>in vitro</i> . <i>International Journal of Paediatric Dentistry</i> , 2012, 22, 11-16.	1.8	32
106	Effect of experimental xylitol and fluoride-containing dentifrices on enamel erosion with or without abrasion <i>in vitro</i> . <i>Journal of Oral Science</i> , 2011, 53, 163-168.	1.7	31
107	Low-Level Fluoride Exposure Increases Insulin Sensitivity in Experimental Diabetes. <i>Journal of Dental Research</i> , 2015, 94, 990-997.	5.2	31
108	Effect of a Single Application of TiF ₄ Varnish versus Daily Use of a Low-Concentrated TiF ₄ /NaF Solution on Tooth Erosion Prevention <i>in vitro</i> . <i>Caries Research</i> , 2016, 50, 462-470.	2.0	31

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109	Proteomics of acquired pellicle in gastroesophageal reflux disease patients with or without erosive tooth wear. <i>Journal of Dentistry</i> , 2019, 81, 64-69.	4.1	31
110	Acquired pellicle protein-based engineering protects against erosive demineralization. <i>Journal of Dentistry</i> , 2020, 102, 103478.	4.1	31
111	Effect of adhesive systems associated with resin-modified glass ionomer cements. <i>Journal of Oral Rehabilitation</i> , 2006, 33, 110-116.	3.0	30
112	Influence of Growth Rate and Length on Fluoride Detection in Human Nails. <i>Caries Research</i> , 2006, 40, 231-238.	2.0	30
113	Effect of a Single Application of TiF ₄ and NaF Varnishes and Solutions Combined with Nd:YAG Laser Irradiation on Enamel Erosion <i>in Vitro</i> . <i>Photomedicine and Laser Surgery</i> , 2011, 29, 537-544.	2.0	30
114	Proposed mechanism for understanding the dose- and time-dependency of the effects of fluoride in the liver. <i>Toxicology and Applied Pharmacology</i> , 2018, 358, 68-75.	2.8	30
115	Tissue response to a membrane of demineralized bovine cortical bone implanted in the subcutaneous tissue of rats. <i>Brazilian Dental Journal</i> , 2004, 15, 3-8.	1.1	29
116	Low level laser therapy modulates viability, alkaline phosphatase and matrix metalloproteinase-2 activities of osteoblasts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 169, 35-40.	3.8	29
117	Mechanism of Action of TiF ₄ on Dental Enamel Surface: SEM/EDX, KOH-Soluble F, and X-Ray Diffraction Analysis. <i>Caries Research</i> , 2017, 51, 554-567.	2.0	28
118	Effect of an experimental mouth rinse containing NaF and TiF ₄ on tooth erosion and abrasion in situ. <i>Journal of Dentistry</i> , 2018, 73, 45-49.	4.1	28
119	Changes in the Proteomic Profile of Acquired Enamel Pellicles as a Function of Their Time of Formation and Hydrochloric Acid Exposure. <i>Caries Research</i> , 2018, 52, 367-377.	2.0	28
120	Effect of iron on inhibition of acid demineralisation of bovine dental enamel in vitro. <i>Archives of Oral Biology</i> , 2006, 51, 844-848.	1.8	27
121	Effects of Erosive, Cariogenic or Combined Erosive/Cariogenic Challenges on Human Enamel. <i>Caries Research</i> , 2008, 42, 454-459.	2.0	27
122	Effectiveness of 0.50% and 0.75% chlorhexidine dentifrices in orthodontic patients: A double-blind and randomized controlled trial. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2009, 136, 651-656.	1.7	27
123	Preventive effect of an iron varnish on bovine enamel erosion in vitro. <i>Journal of Dentistry</i> , 2009, 37, 233-236.	4.1	27
124	Efficacy of TiF ₄ and NaF varnish and solution: a randomized in situ study on enamel erosive-abrasive wear. <i>Clinical Oral Investigations</i> , 2014, 18, 1097-1102.	3.0	27
125	Low-Fluoride Acidic Dentifrice: A Randomized Clinical Trial in a Fluoridated Area. <i>Caries Research</i> , 2010, 44, 478-484.	2.0	26
126	Preventive effect of toothpastes with MMP inhibitors on human dentine erosion and abrasion in vitro. <i>Journal of Applied Oral Science</i> , 2016, 24, 61-66.	1.8	26

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127	Effect of xylitol varnishes on remineralization of artificial enamel caries lesions in situ. Journal of Dentistry, 2016, 50, 74-78.	4.1	26
128	Standardization of a protocol for shotgun proteomic analysis of saliva. Journal of Applied Oral Science, 2018, 26, e20170561.	1.8	26
129	Effects of the reinforced cellulose nanocrystals on glass-ionomer cements. Dental Materials, 2019, 35, 564-573.	3.5	26
130	Positive correlation between fluoride release and acid erosion of restorative glass-ionomer cements. Dental Materials, 2019, 35, 135-143.	3.5	26
131	Effect of gels containing chlorhexidine or epigallocatechin-3-gallate on the protein composition of the acquired enamel pellicle. Archives of Oral Biology, 2017, 82, 92-98.	1.8	26
132	A systematic review and meta-analysis of the association between fluoride exposure and neurological disorders. Scientific Reports, 2021, 11, 22659.	3.3	26
133	Fluoride intake from regular and low fluoride dentifrices by 2-3-year-old children: influence of the dentifrice flavor. Brazilian Oral Research, 2007, 21, 234-240.	1.4	25
134	The Effect of Different Fluoride Concentrations and pH of Dentifrices on Plaque and Nail Fluoride Levels in Young Children. Caries Research, 2009, 43, 142-146.	2.0	25
135	Activity of Matrix Metalloproteinases in Bovine versus Human Dentine. Caries Research, 2011, 45, 429-434.	2.0	25
136	Fluoride Intensifies Hypercaloric Diet-Induced ER Oxidative Stress and Alters Lipid Metabolism. PLoS ONE, 2016, 11, e0158121.	2.5	25
137	Enteric innervation combined with proteomics for the evaluation of the effects of chronic fluoride exposure on the duodenum of rats. Scientific Reports, 2017, 7, 1070.	3.3	25
138	Identification of protein biomarkers of mercury toxicity in fish. Environmental Chemistry Letters, 2017, 15, 717-724.	16.2	25
139	Evaluation of the total fluoride intake of 4-7-year-old children from diet and dentifrice. Journal of Applied Oral Science, 2003, 11, 150-156.	1.8	24
140	Effect of ion supplementation of a commercial soft drink on tooth enamel erosion. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2009, 26, 152-156.	2.3	24
141	Effect of experimental mouthrinses containing the combination of NaF and TiF4 on enamel erosive wear in vitro. Archives of Oral Biology, 2014, 59, 621-624.	1.8	24
142	Protective effect of experimental mouthrinses containing NaF and TiF4 on dentin erosive loss in vitro. Journal of Applied Oral Science, 2015, 23, 486-490.	1.8	24
143	Determination of the Mercury Fraction Linked to Protein of Muscle and Liver Tissue of Tucunarê (Cichla spp.) from the Amazon Region of Brazil. Archives of Environmental Contamination and Toxicology, 2015, 69, 422-430.	4.1	24
144	Effect of Proanthocyanidin-enriched extracts on the inhibition of wear and degradation of dentin demineralized organic matrix. Archives of Oral Biology, 2017, 84, 118-124.	1.8	24

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145	Contrasting effects of age on the plasma/whole blood lead ratio in men and women with a history of lead exposure. <i>Environmental Research</i> , 2006, 102, 90-95.	7.5	23
146	Effect of iron on acid demineralisation of bovine enamel blocks by a soft drink. <i>Archives of Oral Biology</i> , 2007, 52, 1109-1111.	1.8	23
147	Light cola drink is less erosive than the regular one: An in situ/ex vivo study. <i>Journal of Dentistry</i> , 2009, 37, 163-166.	4.1	23
148	Environmental and Individual Factors Associated with Nail Fluoride Concentration. <i>Caries Research</i> , 2009, 43, 147-154.	2.0	23
149	Adjustment of the microstructure and selected mechanical properties of biomedical Ti-15Zr-Mo alloys through oxygen doping. <i>Journal of Alloys and Compounds</i> , 2019, 775, 158-167.	5.5	23
150	Effects of Fluoride Long-Term Exposure over the Cerebellum: Global Proteomic Profile, Oxidative Biochemistry, Cell Density, and Motor Behavior Evaluation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7297.	4.1	23
151	Spinal cord neurodegeneration after inorganic mercury long-term exposure in adult rats: Ultrastructural, proteomic and biochemical damages associated with reduced neuronal density. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110159.	6.0	23
152	The prevalence of deciduous tooth wear in six-year-old children and its relationship with potential explanatory factors. <i>Oral Health & Preventive Dentistry</i> , 2007, 5, 167-71.	0.5	23
153	Dietary Fluoride Intake by Children Receiving Different Sources of Systemic Fluoride. <i>Journal of Dental Research</i> , 2009, 88, 142-145.	5.2	22
154	Influence of Heat Treatment and Oxygen Doping on the Mechanical Properties and Biocompatibility of Titanium-Niobium Binary Alloys. <i>Artificial Organs</i> , 2011, 35, 516-521.	1.9	22
155	Effect of iron on enamel demineralization and remineralization in vitro. <i>Archives of Oral Biology</i> , 2011, 56, 1192-1198.	1.8	22
156	Validation of Fingernail Fluoride Concentration as a Predictor of Risk for Dental Fluorosis. <i>Caries Research</i> , 2012, 46, 394-400.	2.0	22
157	Erosive cola-based drinks affect the bonding to enamel surface: an in vitro study. <i>Journal of Applied Oral Science</i> , 2014, 22, 434-441.	1.8	22
158	Bone Response to Fluoride Exposure Is Influenced by Genetics. <i>PLoS ONE</i> , 2014, 9, e114343.	2.5	22
159	Inhibition of tooth erosion by milk containing different fluoride concentrations: An in vitro study. <i>Journal of Dentistry</i> , 2014, 42, 498-502.	4.1	22
160	Aquaporin 5 Interacts with Fluoride and Possibly Protects against Caries. <i>PLoS ONE</i> , 2015, 10, e0143068.	2.5	22
161	Fluoride kinetics in saliva after the use of a fluoride-containing chewing gum. <i>Brazilian Oral Research</i> , 2005, 19, 256-260.	1.4	21
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