

Leo Tjderhane

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227
papers

12,155
citations

54
h-index

105
g-index

239
ext. papers

13,914
ext. citations

4.5
avg, IF

6.12
L-index

#	Paper	IF	Citations
227	State of the art etch-and-rinse adhesives. <i>Dental Materials</i> , 2011 , 27, 1-16	5.7	591
226	Matrix metalloproteinases: contribution to pathogenesis, diagnosis and treatment of periodontal inflammation. <i>Annals of Medicine</i> , 2006 , 38, 306-21	1.5	465
225	The activation and function of host matrix metalloproteinases in dentin matrix breakdown in caries lesions. <i>Journal of Dental Research</i> , 1998 , 77, 1622-9	8.1	428
224	Matrix metalloproteinases (MMPs) in oral diseases. <i>Oral Diseases</i> , 2004 , 10, 311-8	3.5	424
223	In vivo preservation of the hybrid layer by chlorhexidine. <i>Journal of Dental Research</i> , 2007 , 86, 529-33	8.1	401
222	Limitations in bonding to dentin and experimental strategies to prevent bond degradation. <i>Journal of Dental Research</i> , 2011 , 90, 953-68	8.1	398
221	Chlorhexidine arrests subclinical degradation of dentin hybrid layers in vivo. <i>Journal of Dental Research</i> , 2005 , 84, 741-6	8.1	393
220	Chlorhexidine preserves dentin bond in vitro. <i>Journal of Dental Research</i> , 2007 , 86, 90-4	8.1	302
219	Optimizing dentin bond durability: control of collagen degradation by matrix metalloproteinases and cysteine cathepsins. <i>Dental Materials</i> , 2013 , 29, 116-35	5.7	285
218	Reactivation of inactivated endogenous proteolytic activities in phosphoric acid-etched dentine by etch-and-rinse adhesives. <i>Biomaterials</i> , 2006 , 27, 4470-6	15.6	283
217	Activation of gelatinolytic/collagenolytic activity in dentin by self-etching adhesives. <i>European Journal of Oral Sciences</i> , 2006 , 114, 160-6	2.3	257
216	Chlorhexidine stabilizes the adhesive interface: a 2-year in vitro study. <i>Dental Materials</i> , 2010 , 26, 320-5	5.7	250
215	Strategies to prevent hydrolytic degradation of the hybrid layer-A review. <i>Dental Materials</i> , 2013 , 29, 999-1011	5.7	248
214	The role of matrix metalloproteinases in the oral environment. <i>Acta Odontologica Scandinavica</i> , 2007 , 65, 1-13	2.2	245
213	Matrix metalloproteinase-8 (MMP-8) is the major collagenase in human dentin. <i>Archives of Oral Biology</i> , 2007 , 52, 121-7	2.8	226
212	The requirement of zinc and calcium ions for functional MMP activity in demineralized dentin matrices. <i>Dental Materials</i> , 2010 , 26, 1059-67	5.7	175
211	Cysteine cathepsins in human dentin-pulp complex. <i>Journal of Endodontics</i> , 2010 , 36, 475-81	4.7	174

210	Role of dentin MMPs in caries progression and bond stability. <i>Journal of Dental Research</i> , 2015 , 94, 241-51	8.1	165
209	Cysteine cathepsins in human carious dentin. <i>Journal of Dental Research</i> , 2011 , 90, 506-11	8.1	160
208	Use of a specific MMP-inhibitor (galardin) for preservation of hybrid layer. <i>Dental Materials</i> , 2010 , 26, 571-8	5.7	146
207	Dentin bonding systems: From dentin collagen structure to bond preservation and clinical applications. <i>Dental Materials</i> , 2018 , 34, 78-96	5.7	146
206	Chlorhexidine inhibits the activity of dental cysteine cathepsins. <i>Journal of Dental Research</i> , 2012 , 91, 420-5	8.1	145
205	Substantivity of chlorhexidine to human dentin. <i>Dental Materials</i> , 2010 , 26, 779-85	5.7	138
204	The localization of matrix metalloproteinase-20 (MMP-20, enamelysin) in mature human teeth. <i>Journal of Dental Research</i> , 2002 , 81, 603-7	8.1	136
203	Local and systemic responses in matrix metalloproteinase 8-deficient mice during <i>Porphyromonas gingivalis</i> -induced periodontitis. <i>Infection and Immunity</i> , 2009 , 77, 850-9	3.7	131
202	MMP activity in the hybrid layer detected with in situ zymography. <i>Journal of Dental Research</i> , 2012 , 91, 467-72	8.1	130
201	The effects of MMP inhibitors on human salivary MMP activity and caries progression in rats. <i>Journal of Dental Research</i> , 2001 , 80, 1545-9	8.1	128
200	Expression profile of matrix metalloproteinases (MMPs) and tissue inhibitors of MMPs in mature human odontoblasts and pulp tissue. <i>European Journal of Oral Sciences</i> , 2003 , 111, 117-27	2.3	125
199	The expression of MMP-8 in human odontoblasts and dental pulp cells is down-regulated by TGF-beta1. <i>Journal of Dental Research</i> , 2000 , 79, 77-84	8.1	122
198	Substantive antimicrobial activity in chlorhexidine-treated human root dentin. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2002 , 94, 240-5		117
197	Effects of etch-and-rinse and self-etch adhesives on dentin MMP-2 and MMP-9. <i>Journal of Dental Research</i> , 2013 , 92, 82-6	8.1	111
196	Efficacy of chlorhexidine- and calcium hydroxide-containing medicaments against <i>Enterococcus faecalis</i> in vitro. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2003 , 96, 618-24		106
195	Dentin bonding: can we make it last?. <i>Operative Dentistry</i> , 2015 , 40, 4-18	2.9	104
194	Chlorhexidine binding to mineralized versus demineralized dentin powder. <i>Dental Materials</i> , 2010 , 26, 771-8	5.7	101
193	Effect of UVA-activated riboflavin on dentin bonding. <i>Journal of Dental Research</i> , 2011 , 90, 1439-45	8.1	99

192	Mechanical stability of resin-dentin bond components. <i>Dental Materials</i> , 2005 , 21, 232-41	5.7	98
191	Human neutrophil gelatinase and associated lipocalin in adult and localized juvenile periodontitis. <i>Journal of Dental Research</i> , 1996 , 75, 1553-63	8.1	97
190	Abundance of MMPs and cysteine cathepsins in caries-affected dentin. <i>Journal of Dental Research</i> , 2014 , 93, 269-74	8.1	95
189	Expression and induction of collagenases (MMP-8 and -13) in plasma cells associated with bone-destructive lesions. <i>Journal of Pathology</i> , 2001 , 194, 217-24	9.4	95
188	Immunohistochemical identification of MMP-2 and MMP-9 in human dentin: correlative FEI-SEM/TEM analysis. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 88, 697-703	5.4	92
187	Matrix metalloproteinases and other matrix proteinases in relation to cariology: the era of dentin degradation. <i>Caries Research</i> , 2015 , 49, 193-208	4.2	83
186	Determination of matrix metalloproteinases in human radicular dentin. <i>Journal of Endodontics</i> , 2009 , 35, 686-9	4.7	82
185	Matrix metalloproteinase-8 (MMP-8) in pulpal and periapical inflammation and periapical root-canal exudates. <i>International Endodontic Journal</i> , 2002 , 35, 897-904	5.4	81
184	One-year stability of resin-dentin bonds created with a hydrophobic ethanol-wet bonding technique. <i>Dental Materials</i> , 2010 , 26, 380-6	5.7	79
183	Host-derived loss of dentin matrix stiffness associated with solubilization of collagen. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009 , 90, 373-80	3.5	79
182	Effect of 2% chlorhexidine digluconate on the bond strength to normal versus caries-affected dentin. <i>Operative Dentistry</i> , 2009 , 34, 157-65	2.9	77
181	Effect of phosphoric acid on the degradation of human dentin matrix. <i>Journal of Dental Research</i> , 2013 , 92, 87-91	8.1	74
180	European Society of Endodontology position statement: the use of antibiotics in endodontics. <i>International Endodontic Journal</i> , 2018 , 51, 20-25	5.4	72
179	A novel organ culture method to study the function of human odontoblasts in vitro: gelatinase expression by odontoblasts is differentially regulated by TGF-beta1. <i>Journal of Dental Research</i> , 1998 , 77, 1486-96	8.1	71
178	Effect of carbodiimide (EDC) on the bond stability of etch-and-rinse adhesive systems. <i>Dental Materials</i> , 2013 , 29, 1040-7	5.7	69
177	Dentin basic structure and composition – an overview. <i>Endodontic Topics</i> , 2009 , 20, 3-29		67
176	Antibiotics in Endodontics: a review. <i>International Endodontic Journal</i> , 2017 , 50, 1169-1184	5.4	65
175	Immunohistochemical and biochemical assay of MMP-3 in human dentine. <i>Journal of Dentistry</i> , 2011 , 39, 231-7	4.8	64

174	Effect of chlorhexidine on initial adhesion of fiber-reinforced post to root canal. <i>Journal of Dentistry</i> , 2010 , 38, 796-801	4.8	56
173	Sodium fluoride inhibits MMP-2 and MMP-9. <i>Journal of Dental Research</i> , 2014 , 93, 74-7	8.1	53
172	Asthma and caries: a systematic review and meta-analysis. <i>American Journal of Epidemiology</i> , 2011 , 174, 631-41	3.8	51
171	Association of Endodontic Lesions with Coronary Artery Disease. <i>Journal of Dental Research</i> , 2016 , 95, 1358-1365	8.1	51
170	Can quaternary ammonium methacrylates inhibit matrix MMPs and cathepsins?. <i>Dental Materials</i> , 2015 , 31, e25-32	5.7	49
169	Tooth bleaching increases dentinal protease activity. <i>Journal of Dental Research</i> , 2013 , 92, 187-92	8.1	48
168	The effect of dimethyl sulfoxide (DMSO) on dentin bonding and nanoleakage of etch-and-rinse adhesives. <i>Dental Materials</i> , 2013 , 29, 1055-62	5.7	47
167	Use of crosslinkers to inactivate dentin MMPs. <i>Dental Materials</i> , 2016 , 32, 423-32	5.7	45
166	The importance of size-exclusion characteristics of type I collagen in bonding to dentin matrices. <i>Acta Biomaterialia</i> , 2013 , 9, 9522-8	10.8	45
165	Effect of iron on matrix metalloproteinase inhibition and on the prevention of dentine erosion. <i>Caries Research</i> , 2010 , 44, 309-16	4.2	44
164	Role of host-derived proteinases in dentine caries and erosion. <i>Caries Research</i> , 2015 , 49 Suppl 1, 30-7	4.2	43
163	Cytotoxicity of dimethyl sulfoxide (DMSO) in direct contact with odontoblast-like cells. <i>Dental Materials</i> , 2015 , 31, 399-405	5.7	43
162	MMP-2 assay within the hybrid layer created by a two-step etch-and-rinse adhesive: biochemical and immunohistochemical analysis. <i>Journal of Dentistry</i> , 2011 , 39, 470-7	4.8	43
161	Matrix metalloproteinases in mild and severe temporomandibular joint internal derangement synovial fluid. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2001 , 91, 517-25		42
160	Tetracyclines in treatment of rheumatoid arthritis. <i>Lancet, The</i> , 1995 , 346, 645-6	4.0	42
159	Periapical inflammation affecting coronally-inoculated dog teeth with root fillings augmented by white MTA orifice plugs. <i>Journal of Endodontics</i> , 2003 , 29, 442-6	4.7	41
158	Physical and chemical properties of chlorhexidine and calcium hydroxide-containing medications. <i>Journal of Endodontics</i> , 2004 , 30, 413-7	4.7	41
157	Long-term sealing ability of resin-based root canal fillings. <i>International Endodontic Journal</i> , 2010 , 43, 455-60	5.4	40

156	Reduced expression of lipopolysaccharide-induced CXC chemokine in Porphyromonas gingivalis-induced experimental periodontitis in matrix metalloproteinase-8 null mice. <i>Journal of Periodontal Research</i> , 2011 , 46, 58-66	4.3	39
155	Human odontoblast culture method: the expression of collagen and matrix metalloproteinases (MMPs). <i>Advances in Dental Research</i> , 2001 , 15, 55-8	2.3	39
154	Regulation and interactions of MT1-MMP and MMP-20 in human odontoblasts and pulp tissue in vitro. <i>Journal of Dental Research</i> , 2002 , 81, 354-9	8.1	38
153	Inhibition of MMPs by alcohols. <i>Dental Materials</i> , 2011 , 27, 926-33	5.7	37
152	Matrix metalloproteinase-13 (MMP-13, collagenase-3) is highly expressed in human tooth pulp. <i>Connective Tissue Research</i> , 2004 , 45, 231-7	3.3	37
151	Implication of ethanol wet-bonding in hybrid layer remineralization. <i>Journal of Dental Research</i> , 2010 , 89, 575-80	8.1	35
150	Microbiology of Root Canal Infections. <i>Primary Dental Journal</i> , 2016 , 5, 84-89	0.9	34
149	Caries correlates strongly to salivary levels of matrix metalloproteinase-8. <i>Caries Research</i> , 2015 , 49, 1-8	4.2	32
148	Dentin matrix degradation by host matrix metalloproteinases: inhibition and clinical perspectives toward regeneration. <i>Frontiers in Physiology</i> , 2013 , 4, 308	4.6	32
147	The benefit of the operating microscope for access cavity preparation by undergraduate students. <i>Journal of Endodontics</i> , 2004 , 30, 863-7	4.7	32
146	2-hydroxyisocaproic acid is fungicidal for Candida and Aspergillus species. <i>Mycoses</i> , 2014 , 57, 214-21	5.2	31
145	The effect of MMP inhibitor metastat on fissure caries progression in rats. <i>Annals of the New York Academy of Sciences</i> , 1999 , 878, 686-8	6.5	31
144	Geographical distribution of dental caries prevalence and associated factors in young adults in Finland. <i>Caries Research</i> , 2013 , 47, 346-54	4.2	30
143	A high sucrose diet decreases the mechanical strength of bones in growing rats. <i>Journal of Nutrition</i> , 1998 , 128, 1807-10	4.1	30
142	Degradation of resin-bonded human dentin after 3 years of storage. <i>American Journal of Dentistry</i> , 2007 , 20, 109-13	1.3	30
141	One year effect of chlorhexidine on bonding of fibre-reinforced composite root canal post to dentine. <i>Journal of Dentistry</i> , 2012 , 40, 718-22	4.8	29
140	Laminin-5 gamma 2 chain is colocalized with gelatinase-A (MMP-2) and collagenase-3 (MMP-13) in odontogenic keratocysts. <i>Journal of Oral Pathology and Medicine</i> , 2003 , 32, 100-7	3.3	28
139	Analysis of gene and protein expression in healthy and carious tooth pulp with cDNA microarray and two-dimensional gel electrophoresis. <i>European Journal of Oral Sciences</i> , 2005 , 113, 369-79	2.3	28

138	Mineral element analysis of carious and sound rat dentin by electron probe microanalyzer combined with back-scattered electron image. <i>Journal of Dental Research</i> , 1995 , 74, 1770-4	8.1	28
137	Dentin caries recording with Schiff's reagent, fluorescence, and back-scattered electron image. <i>Journal of Dental Research</i> , 1993 , 72, 1588-92	8.1	28
136	Reduction in dentine apposition in rat molars by a high-sucrose diet. <i>Archives of Oral Biology</i> , 1994 , 39, 491-5	2.8	28
135	Effect of dimethyl sulfoxide wet-bonding technique on hybrid layer quality and dentin bond strength. <i>Dental Materials</i> , 2015 , 31, 676-83	5.7	27
134	Prevalence and polarization of dental caries among young, healthy adults: Cross-sectional epidemiological study. <i>Acta Odontologica Scandinavica</i> , 2013 , 71, 1436-42	2.2	27
133	A review of the nature, role, and function of dentin non-collagenous proteins. Part II: enzymes, serum proteins, and growth factors. <i>Endodontic Topics</i> , 2009 , 21, 19-40		27
132	The role of matrix metalloproteinases and cysteine-cathepsins on the progression of dentine erosion. <i>Archives of Oral Biology</i> , 2015 , 60, 1340-5	2.8	26
131	Smoking, alcohol use, socioeconomic background and oral health among young Finnish adults. <i>Community Dentistry and Oral Epidemiology</i> , 2015 , 43, 406-14	2.8	25
130	Effect of dimethyl sulfoxide on dentin collagen. <i>Dental Materials</i> , 2017 , 33, 915-922	5.7	24
129	Healing of extraction sockets in collagenase-2 (matrix metalloproteinase-8)-deficient mice. <i>European Journal of Oral Sciences</i> , 2009 , 117, 248-54	2.3	24
128	The effect of chemical inhibition of matrix metalloproteinases on the size of experimentally induced apical periodontitis. <i>International Endodontic Journal</i> , 2007 , 40, 282-9	5.4	24
127	Comparative gene expression profile analysis between native human odontoblasts and pulp tissue. <i>International Endodontic Journal</i> , 2008 , 41, 117-27	5.4	24
126	The relationship between MMPs and pH in whole saliva of radiated head and neck cancer patients. <i>Journal of Oral Pathology and Medicine</i> , 2002 , 31, 329-38	3.3	24
125	Role of Proteolytic Enzyme Inhibitors on Carious and Eroded Dentin Associated With a Universal Bonding System. <i>Operative Dentistry</i> , 2017 , 42, E188-E196	2.9	22
124	Association of erosive tooth wear and dental caries in Northern Finland Birth Cohort 1966 - an epidemiological cross-sectional study. <i>BMC Oral Health</i> , 2016 , 17, 6	3.7	22
123	2-Hydroxyisocaproic acid (HICA): a new potential topical antibacterial agent. <i>International Journal of Antimicrobial Agents</i> , 2012 , 39, 539-40	14.3	22
122	Endodontic-related paresthesia: a case report and literature review. <i>Journal of Endodontics</i> , 2011 , 37, 1460-4	4.7	21
121	The dentin-pulp border: a dynamic interface between hard and soft tissues. <i>Endodontic Topics</i> , 2009 , 20, 52-84		21

120	Activity of matrix metalloproteinases in bovine versus human dentine. <i>Caries Research</i> , 2011 , 45, 429-34	4.2	21
119	Influence of Intrinsic Factors on Erosive Tooth Wear in a Large-Scale Epidemiological Study. <i>Caries Research</i> , 2016 , 50, 508-516	4.2	21
118	Substantivity of Carbodiimide Inhibition on Dentinal Enzyme Activity over Time. <i>Journal of Dental Research</i> , 2017 , 96, 902-908	8.1	20
117	Dentin bond optimization using the dimethyl sulfoxide-wet bonding strategy: A 2-year in vitro study. <i>Dental Materials</i> , 2016 , 32, 1472-1481	5.7	20
116	The role of unfinished root canal treatment in odontogenic maxillofacial infections requiring hospital care. <i>Clinical Oral Investigations</i> , 2013 , 17, 113-21	4.2	20
115	Grape seed extracts inhibit dentin matrix degradation by MMP-3. <i>Frontiers in Physiology</i> , 2014 , 5, 425	4.6	20
114	Effects of TGF-beta 1 on interleukin profile of human dental pulp and odontoblasts. <i>Cytokine</i> , 2007 , 40, 44-51	4	20
113	Expression of collagen XVIII and MMP-20 in developing teeth and odontogenic tumors. <i>Matrix Biology</i> , 2004 , 23, 153-61	11.4	20
112	Co-distribution of cysteine cathepsins and matrix metalloproteases in human dentin. <i>Archives of Oral Biology</i> , 2017 , 74, 101-107	2.8	19
111	Polarity of mature human odontoblasts. <i>Journal of Dental Research</i> , 2013 , 92, 1011-6	8.1	19
110	A review of the nature, role, and function of dentin non-collagenous proteins. Part 1: proteoglycans and glycoproteins. <i>Endodontic Topics</i> , 2009 , 21, 1-18		19
109	Effectiveness of low-dose doxycycline (LDD) on clinical symptoms of Sjögren's syndrome: a randomized, double-blind, placebo controlled cross-over study. <i>Journal of Negative Results in BioMedicine</i> , 2007 , 6, 11		19
108	Baseline expression and effect of TGF- β 1 on Type I and III collagen mRNA and protein synthesis in human odontoblasts and pulp cells In Vitro. <i>Calcified Tissue International</i> , 2001 , 68, 122-129	3.9	19
107	NaF Inhibits Matrix-Bound Cathepsin-Mediated Dentin Matrix Degradation. <i>Caries Research</i> , 2016 , 50, 124-32	4.2	19
106	Inhibition of endogenous human dentin MMPs by Gluma. <i>Dental Materials</i> , 2014 , 30, 752-8	5.7	18
105	General expression profiles of human native odontoblasts and pulp-derived cultured odontoblast-like cells are similar but reveal differential neuropeptide expression levels. <i>Archives of Oral Biology</i> , 2009 , 54, 55-62	2.8	18
104	<i>Candida albicans</i> does not invade carious human dentine. <i>Oral Diseases</i> , 2007 , 13, 279-84	3.5	18
103	Postradiation Matrix Metalloproteinase-20 Expression and Its Impact on Dental Micromorphology and Radiation-Related Caries. <i>Caries Research</i> , 2017 , 51, 216-224	4.2	17

102	Association of smoking and snuffing with dental caries occurrence in a young male population in Finland: a cross-sectional study. <i>Acta Odontologica Scandinavica</i> , 2014 , 72, 1017-24	2.2	16
101	Preventive effect of toothpastes with MMP inhibitors on human dentine erosion and abrasion in vitro. <i>Journal of Applied Oral Science</i> , 2016 , 24, 61-6	3.3	16
100	A novel dry-bonding approach to reduce collagen degradation and optimize resin-dentin interfaces. <i>Scientific Reports</i> , 2018 , 8, 16890	4.9	16
99	Influence of dimethyl sulfoxide used as a solvent on the physical properties and long-term dentin bonding of hydrophilic resins. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 64, 220-8 ^{4.1}	4.1	15
98	Chlorhexidine Inhibits the Proteolytic Activity of Root and Coronal Carious Dentin in vitro. <i>Caries Research</i> , 2009 , 43, 92-6	4.2	15
97	Dentin as a bonding substrate. <i>Endodontic Topics</i> , 2009 , 21, 62-88		15
96	The expression of myoglobin and ROR2 protein in Dupuytren's disease. <i>Journal of Surgical Research</i> , 2008 , 146, 271-5	2.5	15
95	The mechanism of pulpal wound healing. <i>Australian Endodontic Journal</i> , 2002 , 28, 68-74	1.7	15
94	Collagen degradation and preservation of MMP-8 activity in human dentine matrix after demineralization. <i>Archives of Oral Biology</i> , 2016 , 68, 66-72	2.8	15
93	The statistical reporting quality of articles published in 2010 in five dental journals. <i>Acta Odontologica Scandinavica</i> , 2015 , 73, 76-80	2.2	14
92	Review of 36,537 patient records for tooth health and longevity of dental restorations. <i>Caries Research</i> , 2013 , 47, 309-17	4.2	14
91	The effects of high levels of glucose and insulin on type I collagen synthesis in mature human odontoblasts and pulp tissue in vitro. <i>Advances in Dental Research</i> , 2001 , 15, 72-5	2.3	14
90	Optimization of the etch-and-rinse technique: New perspectives to improve resin-dentin bonding and hybrid layer integrity by reducing residual water using dimethyl sulfoxide pretreatments. <i>Dental Materials</i> , 2018 , 34, 967-977	5.7	13
89	In situ study of the gelatinase activity in demineralized dentin from rat molar teeth. <i>Acta Histochemica</i> , 2013 , 115, 245-51	2	13
88	Effect of sucrose and xylitol diets on dentin formation and caries in rat molars. <i>European Journal of Oral Sciences</i> , 1995 , 103, 166-71	2.3	13
87	High-throughput gene and protein expression analysis in pulp biologic research: review. <i>Journal of Endodontics</i> , 2010 , 36, 179-89	4.7	12
86	Examination on <i>Candida</i> spp. in refractory periapical granulomas. <i>International Endodontic Journal</i> , 2003 , 36, 643-7	5.4	12
85	The effect of phenytoin medication on dentin apposition, root length, and caries progression in rat molars. <i>Acta Odontologica Scandinavica</i> , 1992 , 50, 345-50	2.2	12

84	A escolha do teste estatístico - um tutorial em forma de apresentação em PowerPoint. <i>Dental Press Journal of Orthodontics</i> , 2010 , 15, 101-106	1.3	12
83	Endodontic management of traumatized permanent teeth: a comprehensive review. <i>International Endodontic Journal</i> , 2021 , 54, 1221-1245	5.4	12
82	Effect of ultraviolet A-induced crosslinking on dentin collagen matrix. <i>Dental Materials</i> , 2015 , 31, 1225-33	3.7	11
81	Cytotoxicity and effect on protease activity of copolymer extracts containing catechin. <i>Archives of Oral Biology</i> , 2016 , 65, 66-71	2.8	11
80	Is a Basic Erosive Wear Examination (BEWE) reliable for recording erosive tooth wear on 3D models?. <i>Journal of Dentistry</i> , 2017 , 59, 26-32	4.8	10
79	Evaluating performance of dental caries detection methods among third-year dental students. <i>BMC Oral Health</i> , 2013 , 13, 70	3.7	10
78	PAR-1 and PAR-2 Expression Is Enhanced in Inflamed Odontoblast Cells. <i>Journal of Dental Research</i> , 2017 , 96, 1518-1525	8.1	10
77	Prevalence of Temporomandibular Disorder Symptoms and Their Association with Alcohol and Smoking Habits. <i>Journal of Oral and Facial Pain and Headache</i> , 2017 , 31, 30-36	2.5	10
76	Mature human odontoblasts express virus-recognizing toll-like receptors. <i>International Endodontic Journal</i> , 2014 , 47, 934-41	5.4	10
75	Collagen XVIII modulation is altered during progression of oral dysplasia and carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2007 , 36, 35-42	3.3	10
74	Morphological analysis of dentine formation in young rat molars during the recovery phase with calcium alone or combined with xylitol following a low-calcium dietary regimen. <i>Archives of Oral Biology</i> , 1995 , 40, 707-11	2.8	10
73	2-Hydroxyisocaproic acid is bactericidal in human dental root canals ex vivo. <i>International Endodontic Journal</i> , 2017 , 50, 455-463	5.4	9
72	Inflammatory mediators in fluid extracted from the coronal occlusal dentine of trimmed teeth. <i>Archives of Oral Biology</i> , 2012 , 57, 264-70	2.8	9
71	Outcome of a Community-Based Oral Health Promotion Project on Primary Schoolchildren's Oral Hygiene Habits. <i>International Journal of Dentistry</i> , 2013 , 2013, 485741	1.9	9
70	Greater concentration of dietary sucrose decreases dentin formation and increases the area of dentinal caries in growing rats. <i>Journal of Nutrition</i> , 1997 , 127, 2226-30	4.1	9
69	Variability of salivary metabolite levels in patients with Sjögren's syndrome. <i>Journal of Oral Science</i> , 2020 , 63, 22-26	1.5	9
68	Modeling enamel matrix secretion in mammalian teeth. <i>PLoS Computational Biology</i> , 2019 , 15, e1007058	5	8
67	Survival of extensive restorations in primary molars: 15-year practice-based study. <i>International Journal of Paediatric Dentistry</i> , 2018 , 28, 249-256	3.1	8

66	The use of time-to-event methods in dental research: a comparison based on five dental journals over a 11-year period. <i>Community Dentistry and Oral Epidemiology</i> , 2012 , 40 Suppl 1, 36-42	2.8	8
65	Parotid gland function and dentin apposition in rat molars. <i>Journal of Dental Research</i> , 2002 , 81, 259-64	8.1	8
64	Leaving the pulp chamber open for drainage has no effect on the complications of root canal therapy. <i>International Endodontic Journal</i> , 1995 , 28, 82-5	5.4	8
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