Hendrik Meyer-LÃ¼ckel

List of Publications by Year
in descending order

48 papers	1,988 citations	331670 21 h-index	243625 44 g-index
49 all docs	49 docs citations	49 times ranked	1143 citing authors

#	Article	IF	Citations
1	Resin Infiltration of Caries Lesions. Journal of Dental Research, 2010, 89, 823-826.	5.2	207
2	Surface Layer Erosion of Natural Caries Lesions with Phosphoric and Hydrochloric Acid Gels in Preparation for Resin Infiltration. Caries Research, 2007, 41, 223-230.	2.0	191
3	Improved Resin Infiltration of Natural Caries Lesions. Journal of Dental Research, 2008, 87, 1112-1116.	5.2	166
4	Inhibition of Caries Progression by Resin Infiltration in situ. Caries Research, 2010, 44, 47-54.	2.0	160
5	Systematic Review on Noninvasive Treatment of Root Caries Lesions. Journal of Dental Research, 2015, 94, 261-271.	5.2	154
6	Progression of Artificial Enamel Caries Lesions after Infiltration with Experimental Light Curing Resins. Caries Research, 2008, 42, 117-124.	2.0	129
7	Randomized Controlled Clinical Trial on Proximal Caries Infiltration: Three-Year Follow-Up. Caries Research, 2012, 46, 544-548.	2.0	122
8	Masking of white spot lesions by resin infiltration in vitro. Journal of Dentistry, 2013, 41, e28-e34.	4.1	110
9	Profilometric and Microradiographic Studies on the Effects of Toothpaste and Acidic Gel Abrasivity on Sound and Demineralized Bovine Dental Enamel. Caries Research, 2005, 39, 380-386.	2.0	75
10	Comparison of sealant and infiltrant penetration into pit and fissure caries lesions in vitro. Journal of Dentistry, 2014, 42, 432-438.	4.1	50
11	Detecting and Treating Occlusal Caries Lesions. Journal of Dental Research, 2015, 94, 272-280.	5.2	47
12	Pragmatic RCT on the Efficacy of Proximal Caries Infiltration. Journal of Dental Research, 2016, 95, 531-536.	5.2	46
13	Caries-preventive effect of anti-erosive and nano-hydroxyapatite-containing toothpastes in vitro. Clinical Oral Investigations, 2017, 21, 291-300.	3.0	46
14	Seven-year-efficacy of proximal caries infiltration â€“ Randomized clinical trial. Journal of Dentistry, 2020, 93, 103277.	4.1	40
15	Effect of Mucin Alone and in Combination with Various Dentifrices on in vitro Remineralization. Caries Research, 2004, 38, 478-483.	2.0	29
16	Fracture resistance and cuspal deflection of incompletely excavated teeth. Journal of Dentistry, 2014, 42, 107-113.	4.1	25
17	Risk factors for failure of class V restorations of carious cervical lesions in general dental practices. Journal of Dentistry, 2018, 77, 87-92.	4.1	25
18	Caries and fluorosis in 6- and 9-year-old children residing in three communities in Iran. Community Dentistry and Oral Epidemiology, 2006, 34, 63-70.	1.9	23

#	Article	IF	Citations
19	Microradiographic study on the effects of mucin-based solutions used as saliva substitutes on demineralised bovine enamel in vitro. Archives of Oral Biology, 2006, 51, 541-547.	1.8	23
20	Evaluation of the value of re-wetting prior to resin infiltration of post-orthodontic caries lesions. Journal of Dentistry, 2019, 91, 103243.	4.1	22
21	Success and survival of postâ€restorations: sixâ€year results of a prospective observational practiceâ€based clinical study. International Endodontic Journal, 2019, 52, 569-578.	5.0	22
22	Risk Factors for Failure of Direct Restorations in General Dental Practices. Journal of Dental Research, 2020, 99, 1039-1046.	5.2	22
23	Micro-filled resin infiltration of fissure caries lesions in vitro. Journal of Dentistry, 2017, 57, 73-76.	4.1	19
24	Effects of dentifrices differing in fluoride compounds on artificial enamel caries lesions in vitro. Odontology / the Society of the Nippon Dental University, 2017, 105, 36-45.	1.9	17
25	Risk factors for failure in the management of cervical caries lesions. Clinical Oral Investigations, 2017, 21, 2123-2131.	3.0	17
26	Re- and demineralization characteristics of dentin depending on fluoride application and baseline characteristics in situ. Journal of Dentistry, 2020, 94, 103305.	4.1	16
27	Efficacy of sealants and bonding materials during fixed orthodontic treatment to prevent enamel demineralization: a systematic review and meta-analysis. Scientific Reports, 2021, 11, 16556.	3.3	16
28	Longevity of composite build-ups without postsâ€”10-year results of a practice-based study. Clinical Oral Investigations, 2019, 23, 1435-1442.	3.0	14
29	A New Laser-Processing Strategy for Improving Enamel Erosion Resistance. Journal of Dental Research, 2017, 96, 1168-1175.	5.2	12
30	Modified resin infiltration of non-, micro- and cavitated proximal caries lesions in vitro. Journal of Dentistry, 2018, 74, 56-60.	4.1	12
31	The effect of various model parameters on enamel caries lesions in a doseâ€“response model in situ. Journal of Dentistry, 2015, 43, 1261-1267.	4.1	11
32	Benchmarking Deep Learning Models for Tooth Structure Segmentation. Journal of Dental Research, 2022, 101, 1343-1349.	5.2	11
33	Radiopaque Tagging Masks Caries Lesions following Incomplete Excavation in vitro. Journal of Dental Research, 2014, 93, 565-570.	5.2	10
34	Dental service utilization in the very old: an insurance database analysis from northeast Germany. Clinical Oral Investigations, 2021, 25, 2765-2777.	3.0	10
35	A prospective, multi-center, practice-based cohort study on all-ceramic crowns. Dental Materials, 2021, 37, 1273-1282.	3.5	10
36	Industry sponsorship in trials on fluoride varnish or gels for caries prevention. Community Dentistry and Oral Epidemiology, 2017, 45, 289-295.	1.9	9

#	Article	IF	Citations
37	Proximal caries infiltration â€“ Pragmatic RCT with 4 years of follow-up. Journal of Dentistry, 2021, 111, 103733.	4.1	9
38	Influence of highly concentrated fluoride dentifrices on remineralization characteristics of enamel in vitro. Clinical Oral Investigations, 2018, 22, 2325-2334.	3.0	8
39	Longevity of immediate rehabilitation with direct fiber reinforced composite fixed partial dentures after up to 9 years. Journal of Dentistry, 2020, 100, 103438.	4.1	8
40	Long-term Survival of Adhesively Luted Post-endodontic Restorations. Journal of Endodontics, 2022, 48, 606-613.	3.1	8
41	Filament end-rounding quality in electric toothbrushes. Journal of Clinical Periodontology, 2005, 32, 29-32.	4.9	7
42	EFCD Curriculum for undergraduate students in Integrated Conservative Oral Healthcare (ConsCare). Clinical Oral Investigations, 2019, 23, 3661-3670.	3.0	6
43	Randomized in situ study on the efficacy of CO2 laser irradiation in increasing enamel erosion resistance. Clinical Oral Investigations, 2019, 23, 2103-2112.	3.0	6
44	Effect of a Fluoridated Food Item on Enamel in situ. Caries Research, 2007, 41, 350-357.	2.0	5
45	Accuracy of tactile assessment in order to detect proximal cavitation of caries lesions in vitro. Clinical Oral Investigations, 2019, 23, 2907-2912.	3.0	5
46	Underscreening and undertreatment? Periodontal service provision in very old Germans. Clinical Oral Investigations, 2021, 25, 3117-3129.	3.0	4
47	Response to Letter to the Editor, â€œSystematic Review on Noninvasive Treatment of Root Caries Lesionsâ€• Journal of Dental Research, 2015, 94, 1168-1168.	5.2	2
48	Bristle end-rounding in toothbrushes: a comparison of different evaluation techniques, bristle position and viewing angle. Journal of Clinical Dentistry, 2004, 15, 22-7.	0.9	2