

Richard J Wierichs

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

766
citations

567144

15
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580701

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47
all docs

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docs citations

47
times ranked

641
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing dental zirconia micro-retentive aspect through ultra-short pulsed laser microstructuring: study on flexural strength and crystal phase characterization. <i>Clinical Oral Investigations</i> , 2022, 26, 939-955.	1.4	3
2	Effects of the association of high fluoride- and calcium-containing caries-preventive agents with regular or high fluoride toothpaste on enamel: an in vitro study. <i>Clinical Oral Investigations</i> , 2022, 26, 3167-3178.	1.4	1
3	Efficacy of nano-hydroxyapatite on caries prevention—a systematic review and meta-analysis. <i>Clinical Oral Investigations</i> , 2022, 26, 3373-3381.	1.4	13
4	Efficacy of HAF toothpastes in primary and permanent dentitions. A 2-years triple-blind RCT. <i>Journal of Dentistry</i> , 2022, 121, 104049.	1.7	2
5	Long-term Survival of Adhesively Luted Post-endodontic Restorations. <i>Journal of Endodontics</i> , 2022, 48, 606-613.	1.4	8
6	Analysis of relative bacterial activity and lactate dehydrogenase gene expression of caries-associated bacteria in a site-specific natural biofilm: an ex vivo study. <i>Clinical Oral Investigations</i> , 2021, 25, 3669-3679.	1.4	7
7	Demineralization Inhibitory Effects of Highly Concentrated Fluoride Dentifrice and Fluoride Gels/Solutions on Sound Dentin and Artificial Dentin Caries Lesions in vitro. <i>Caries Research</i> , 2021, 55, 41-54.	0.9	5
8	Do bleaching gels affect the stability of the masking and caries-arresting effects of caries infiltration—in vitro. <i>Clinical Oral Investigations</i> , 2021, 25, 4011-4021.	1.4	14
9	Longevity and Risk Factors of Post Restorations after up to 15 Years: A Practice-based Study. <i>Journal of Endodontics</i> , 2021, 47, 577-584.	1.4	15
10	Long-term costs of post-restorations: 7-year practice-based results from Germany. <i>Clinical Oral Investigations</i> , 2021, 25, 2175-2181.	1.4	5
11	Influence of embedding media on the accuracy of working length determination by means of apex locator: an ex vivo study. <i>Scientific Reports</i> , 2021, 11, 3340.	1.6	3
12	Mechanical Properties of Teeth Restored After Selective Caries Excavation. Systematic Review and Meta-Analysis. <i>International Journal of Odontostomatology</i> , 2021, 15, 204-212.	0.0	2
13	Efficacy of a self-assembling peptide to remineralize initial caries lesions - A systematic review and meta-analysis. <i>Journal of Dentistry</i> , 2021, 109, 103652.	1.7	19
14	Efficacy of resin infiltration to mask post-orthodontic or non-post-orthodontic white spot lesions or fluorosis — a systematic review and meta-analysis. <i>Clinical Oral Investigations</i> , 2021, 25, 4711-4719.	1.4	38
15	Root canal morphology of the mandibular second premolar: a systematic review and meta-analysis. <i>BMC Oral Health</i> , 2021, 21, 309.	0.8	11
16	Proximal caries infiltration — Pragmatic RCT with 4 years of follow-up. <i>Journal of Dentistry</i> , 2021, 111, 103733.	1.7	9
17	Efficacy of sealants and bonding materials during fixed orthodontic treatment to prevent enamel demineralization: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2021, 11, 16556.	1.6	16
18	A prospective, multi-center, practice-based cohort study on all-ceramic crowns. <i>Dental Materials</i> , 2021, 37, 1273-1282.	1.6	10

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19	Internal morphology of 101 mandibular canines of a Swiss-German population by means of micro-CT: An ex vivo study. <i>Scientific Reports</i> , 2021, 11, 21281.	1.6	3
20	Restoration of teeth affected by molar-incisor hypomineralisation: a systematic review. <i>Swiss Dental Journal</i> , 2021, 131, 988-997.	0.4	2
21	3-dimensional Analysis and Literature Review of the Root Canal Morphology and Physiological Foramen Geometry of 125 Mandibular Incisors by Means of Micro-CT Computed Tomography in a German Population. <i>Journal of Endodontics</i> , 2020, 46, 184-191.	1.4	22
22	Effects of Dentifrices Differing in Fluoride Content on Remineralization Characteristics of Dentin in vitro. <i>Caries Research</i> , 2020, 54, 75-86.	0.9	9
23	Root Canal Morphology of 116 Maxillary Second Premolars by Micro-CT Computed Tomography in a Mixed Swiss-German Population with Systematic Review. <i>Journal of Endodontics</i> , 2020, 46, 1639-1647.	1.4	9
24	Longevity of immediate rehabilitation with direct fiber reinforced composite fixed partial dentures after up to 9 years. <i>Journal of Dentistry</i> , 2020, 100, 103438.	1.7	8
25	Improving the Efficiency of Photodynamic Chemotherapy in Root Canals against <i>Enterococcus faecalis</i> In Vitro. <i>Antibiotics</i> , 2020, 9, 543.	1.5	4
26	Re- and demineralization characteristics of dentin depending on fluoride application and baseline characteristics in situ. <i>Journal of Dentistry</i> , 2020, 94, 103305.	1.7	16
27	Risk Factors for Failure of Direct Restorations in General Dental Practices. <i>Journal of Dental Research</i> , 2020, 99, 1039-1046.	2.5	22
28	Longevity of composite build-ups without posts: 10-year results of a practice-based study. <i>Clinical Oral Investigations</i> , 2019, 23, 1435-1442.	1.4	14
29	Dentareport - Automated longevity and risk factor analysis in dental patient care. <i>Computers in Biology and Medicine</i> , 2019, 114, 103437.	3.9	2
30	Interradicular Root Canals in Mandibular First Molars: A Literature Review and Ex Vivo Study. <i>Journal of Endodontics</i> , 2019, 45, 129-135.	1.4	9
31	Evaluation of novel nanoscaled metal fluorides on their ability to remineralize enamel caries lesions. <i>Scientific Reports</i> , 2019, 9, 1942.	1.6	6
32	Evaluation of the value of re-wetting prior to resin infiltration of post-orthodontic caries lesions. <i>Journal of Dentistry</i> , 2019, 91, 103243.	1.7	22
33	Success and survival of post-restorations: six-year results of a prospective observational practice-based clinical study. <i>International Endodontic Journal</i> , 2019, 52, 569-578.	2.3	22
34	Effect of NaF, AmF, KF gels and NaF toothpaste combined with a saliva substitute on dentin lesions in vitro. <i>Clinical Oral Investigations</i> , 2019, 23, 2489-2496.	1.4	8
35	Caries-Preventive Effect of NaF, NaF plus TCP, NaF plus CPP-ACP, and SDF Varnishes on Sound Dentin and Artificial Dentin Caries in vitro. <i>Caries Research</i> , 2018, 52, 199-211.	0.9	44
36	Influence of highly concentrated fluoride dentifrices on remineralization characteristics of enamel in vitro. <i>Clinical Oral Investigations</i> , 2018, 22, 2325-2334.	1.4	8

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37	Risk factors for failure of class V restorations of carious cervical lesions in general dental practices. <i>Journal of Dentistry</i> , 2018, 77, 87-92.	1.7	25
38	Caries-preventive effect of anti-erosive and nano-hydroxyapatite-containing toothpastes in vitro. <i>Clinical Oral Investigations</i> , 2017, 21, 291-300.	1.4	46
39	Effects of dentifrices differing in fluoride compounds on artificial enamel caries lesions in vitro. <i>Odontology / the Society of the Nippon Dental University</i> , 2017, 105, 36-45.	0.9	17
40	Effects of Self-Assembling Peptide P11-4, Fluorides, and Caries Infiltration on Artificial Enamel Caries Lesions in vitro. <i>Caries Research</i> , 2017, 51, 451-459.	0.9	33
41	Risk factors for failure in the management of cervical caries lesions. <i>Clinical Oral Investigations</i> , 2017, 21, 2123-2131.	1.4	17
42	Re- and Demineralization Characteristics of Enamel Depending on Baseline Mineral Loss and Lesion Depth in situ. <i>Caries Research</i> , 2016, 50, 141-150.	0.9	16
43	Response to Letter to the Editor, "Systematic Review on Noninvasive Treatment of Root Caries Lesions" <i>Journal of Dental Research</i> , 2015, 94, 1168-1168.	2.5	2
44	Remineralizing Efficacy of a CPP-ACP Cream on Enamel Caries Lesions in situ. <i>Caries Research</i> , 2015, 49, 56-62.	0.9	34
45	The effect of various model parameters on enamel caries lesions in a dose-response model in situ. <i>Journal of Dentistry</i> , 2015, 43, 1261-1267.	1.7	11
46	Systematic Review on Noninvasive Treatment of Root Caries Lesions. <i>Journal of Dental Research</i> , 2015, 94, 261-271.	2.5	154