Falk Schwendicke

List of Publications by Year
in descending order

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288	11,262	36203	43802
papers	citations	51 h-index	91 g-index

305	305	305	8194
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global, Regional, and National Levels and Trends in Burden of Oral Conditions from 1990 to 2017: A Systematic Analysis for the Global Burden of Disease 2017 Study. Journal of Dental Research, 2020, 99, 362-373.	2.5	645
2	Socioeconomic Inequality and Caries. Journal of Dental Research, 2015, 94, 10-18.	2.5	508
3	Managing Carious Lesions. Advances in Dental Research, 2016, 28, 58-67.	3.6	493
4	Artificial Intelligence in Dentistry: Chances and Challenges. Journal of Dental Research, 2020, 99, 769-774.	2.5	311
5	Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995â€“2050. Lancet, The, 2019, 393, 2233-2260.	6.3	283
6	Managing Carious Lesions: Consensus Recommendations on Terminology. Advances in Dental Research, 2016, 28, 49-57.	3.6	246
7	Deep Learning for the Radiographic Detection of Periodontal Bone Loss. Scientific Reports, 2019, 9, 8495.	1.6	229
8	Incomplete Caries Removal. Journal of Dental Research, 2013, 92, 306-314.	2.5	217
9	Convolutional neural networks for dental image diagnostics: A scoping review. Journal of Dentistry, 2019, 91, 103226.	1.7	217
10	Probiotics for managing caries and periodontitis: Systematic review and meta-analysis. Journal of Dentistry, 2016, 48, 16-25.	1.7	204
11	Deep Learning for the Radiographic Detection of Apical Lesions. Journal of Endodontics, 2019, 45, 917-922.e5.	1.4	185
12	Global burden of molar incisor hypomineralization. Journal of Dentistry, 2018, 68, 10-18.	1.7	180
13	Radiographic caries detection: A systematic review and meta-analysis. Journal of Dentistry, 2015, 43, 924-933.	1.7	175
14	Dental caries and periodontal diseases in the ageing population: call to action to protect and enhance oral health and wellâ€being as an essential component of healthy ageing â€“ Consensus report of group 4 of the joint <scp>EFP</scp>/<scp>ORCA</scp> workshop on the boundaries between caries and periodontal diseases. Journal of Clinical Periodontology, 2017, 44, S135-S144.	2.3	160
15	Ageing, dental caries and periodontal diseases. Journal of Clinical Periodontology, 2017, 44, S145-S152.	2.3	158
16	Detecting caries lesions of different radiographic extension on bitewings using deep learning. Journal of Dentistry, 2020, 100, 103425.	1.7	141
17	Inequality in Utilization of Dental Services: A Systematic Review and Meta-analysis. American Journal of Public Health, 2018, 108, e1-e7.	1.5	138
18	Artificial intelligence in dental research: Checklist for authors, reviewers, readers. Journal of Dentistry, 2021, 107, 103610.	1.7	136

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19	Contemporary operative caries management: consensus recommendations on minimally invasive caries removal. British Dental Journal, 2017, 223, 215-222.	0.3	122
20	Masking of white spot lesions by resin infiltration in vitro. Journal of Dentistry, 2013, 41, e28-e34.	1.7	110
21	Managing molar-incisor hypomineralization: A systematic review. Journal of Dentistry, 2016, 55, 16-24.	1.7	109
22	Cost-effectiveness of One- and Two-step Incomplete and Complete Excavations. Journal of Dental Research, 2013, 92, 880-887.	2.5	107
23	When to intervene in the caries process? An expert Delphi consensus statement. Clinical Oral Investigations, 2019, 23, 3691-3703.	1.4	105
24	Predictors for tooth loss in periodontitis patients: Systematic review and metaâ€analysis. Journal of Clinical Periodontology, 2019, 46, 699-712.	2.3	103
25	Directly Placed Restorative Materials. Journal of Dental Research, 2016, 95, 613-622.	2.5	101
26	Deep learning for caries lesion detection in near-infrared light transillumination images: A pilot study. Journal of Dentistry, 2020, 92, 103260.	1.7	101
27	Impact of SARS-CoV2 (Covid-19) on dental practices: Economic analysis. Journal of Dentistry, 2020, 99, 103387.	1.7	97
28	Restorative Thresholds for Carious Lesions: Systematic Review and Meta-analysis. Journal of Dental Research, 2017, 96, 501-508.	2.5	96
29	Structural, mechanical and chemical evaluation of molar-incisor hypomineralization-affected enamel: A systematic review. Archives of Oral Biology, 2017, 83, 272-281.	0.8	96
30	Detecting Secondary Caries Lesions. Journal of Dental Research, 2016, 95, 143-151.	2.5	94
31	Failure of incompletely excavated teethâ€”A systematic review. Journal of Dentistry, 2013, 41, 569-580.	1.7	93
32	Micro-hardness and mineral loss of enamel lesions after infiltration with various resins: Influence of infiltrant composition and application frequency in vitro. Journal of Dentistry, 2013, 41, 543-548.	1.7	92
33	Direct Pulp Capping after a Carious Exposure Versus Root Canal Treatment: A Cost-effectiveness Analysis. Journal of Endodontics, 2014, 40, 1764-1770.	1.4	89
34	A Century of Change towards Prevention and Minimal Intervention in Cariology. Journal of Dental Research, 2019, 98, 611-617.	2.5	85
35	Different materials for direct pulp capping: systematic review and meta-analysis and trial sequential analysis. Clinical Oral Investigations, 2016, 20, 1121-1132.	1.4	84
36	Secondary caries: what is it, and how it can be controlled, detected, and managed?. Clinical Oral Investigations, 2020, 24, 1869-1876.	1.4	81

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37	Attitudes and Behaviour regarding Deep Dentin Caries Removal: A Survey among German Dentists. Caries Research, 2013, 47, 566-573.	0.9	78
38	Effects of Taxing Sugar-Sweetened Beverages on Caries and Treatment Costs. Journal of Dental Research, 2016, 95, 1327-1332.	2.5	74
39	Micro-invasive interventions for managing proximal dental decay in primary and permanent teeth. The Cochrane Library, 2015, 2015, CD010431.	1.5	73
40	Retaining or replacing molars with furcation involvement: a costâ€effectiveness comparison of different strategies. Journal of Clinical Periodontology, 2014, 41, 1090-1097.	2.3	70
41	Prognostic factors for the loss of molars â€“ an 18â€years retrospective cohort study. Journal of Clinical Periodontology, 2015, 42, 943-950.	2.3	69
42	Barriers and facilitators for provision of oral health care in dependent older people: a systematic review. Clinical Oral Investigations, 2019, 23, 979-993.	1.4	68
43	Deep learning for caries detection: A systematic review. Journal of Dentistry, 2022, 122, 104115.	1.7	68
44	Effects of using different criteria for caries removal: A systematic review and network meta-analysis. Journal of Dentistry, 2015, 43, 1-15.	1.7	66
45	Deep learning for cephalometric landmark detection: systematic review and meta-analysis. Clinical Oral Investigations, 2021, 25, 4299-4309.	1.4	65
46	The impact of demographic, health-related and social factors on dental services utilization: Systematic review and meta-analysis. Journal of Dentistry, 2018, 75, 1-6.	1.7	64
47	Inhibition of <i>Streptococcus mutan</i>s Growth and Biofilm Formation by Probiotics in vitro. Caries Research, 2017, 51, 87-95.	0.9	61
48	Cost-effectiveness of Artificial Intelligence for Proximal Caries Detection. Journal of Dental Research, 2021, 100, 369-376.	2.5	60
49	Treating Pit-and-Fissure Caries. Journal of Dental Research, 2015, 94, 522-533.	2.5	59
50	Comparison of periodontitis patientsâ€™ classification in the 2018 versus 1999 classification. Journal of Clinical Periodontology, 2019, 46, 908-917.	2.3	59
51	How to Intervene in the Caries Process in Children: A Joint ORCA and EFCD Expert Delphi Consensus Statement. Caries Research, 2020, 54, 297-305.	0.9	59
52	Costs and Effectiveness of Treatment Alternatives for Proximal Caries Lesions. PLoS ONE, 2014, 9, e86992.	1.1	59
53	Cost-effectiveness of root caries preventive treatments. Journal of Dentistry, 2017, 56, 58-64.	1.7	56
54	Dentistsâ€™ attitudes and behaviour regarding deep carious lesion management: a multi-national survey. Clinical Oral Investigations, 2017, 21, 191-198.	1.4	55

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55	Cariogenic Effects of Probiotic <i>Lactobacillus rhamnosus GG </i>in a Dental Biofilm Model. Caries Research, 2014, 48, 186-192.	0.9	50
56	Longâ€term tooth retention in chronic periodontitis â€“ results after 18Âyears of a conservative periodontal treatment regimen in a university setting. Journal of Clinical Periodontology, 2017, 44, 169-177.	2.3	50
57	Cost-effectiveness of repairing versus replacing composite or amalgam restorations. Journal of Dentistry, 2016, 54, 41-47.	1.7	49
58	Understanding dentistsâ€™ management of deep carious lesions in permanent teeth: a systematic review and meta-analysis. Implementation Science, 2016, 11, 142.	2.5	49
59	Remineralization effects of conventional and experimental ion-releasing materials in chemically or bacterially-induced dentin caries lesions. Dental Materials, 2019, 35, 772-779.	1.6	49
60	Artificial intelligence for caries detection: Randomized trial. Journal of Dentistry, 2021, 115, 103849.	1.7	48
61	Detecting and Treating Occlusal Caries Lesions. Journal of Dental Research, 2015, 94, 272-280.	2.5	47
62	Trends in caries experience in the permanent dentition in Germany 1997â€“2014, and projection to 2030: Morbidity shifts in an aging society. Scientific Reports, 2019, 9, 5534.	1.6	45
63	Detection and treatment of proximal caries lesions: Milieu-specific costâ€“effectiveness analysis. Journal of Dentistry, 2015, 43, 647-655.	1.7	44
64	Clinical studies in restorative dentistry: New directions and new demands. Dental Materials, 2018, 34, 1-12.	1.6	44
65	Tooth loss in generalized aggressive periodontitis: Prognostic factors after 17 years of supportive periodontal treatment. Journal of Clinical Periodontology, 2017, 44, 612-619.	2.3	43
66	Understanding the management and teaching of dental restoration repair: Systematic review and meta-analysis of surveys. Journal of Dentistry, 2018, 69, 1-21.	1.7	43
67	Periodontal Treatment for Preventing Adverse Pregnancy Outcomes: A Meta- and Trial Sequential Analysis. PLoS ONE, 2015, 10, e0129060.	1.1	41
68	Artificial Versus Natural Teeth for Preclinical Endodontic Training: A Randomized Controlled Trial. Journal of Endodontics, 2016, 42, 1212-1217.	1.4	41
69	Effects of calcium silicate cements on dental pulp cells: A systematic review. Journal of Dentistry, 2018, 77, 18-36.	1.7	41
70	Effects of heat-inactivated Bifidobacterium BB12 on cariogenicity of Streptococcus mutans in vitro. Archives of Oral Biology, 2014, 59, 1384-1390.	0.8	39
71	Inhibition of hybrid layer degradation by cavity pretreatment: Meta- and trial sequential analysis. Journal of Dentistry, 2016, 49, 14-21.	1.7	38
72	Taxing sugar-sweetened beverages: impact on overweight and obesity in Germany. BMC Public Health, 2017, 17, 88.	1.2	38

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73	Same, same, but different? A systematic review of protocols for restoration repair. Journal of Dentistry, 2019, 86, 1-16.	1.7	38
74	Marginal integrity and secondary caries of selectively excavated teeth in vitro. Journal of Dentistry, 2014, 42, 1261-1268.	1.7	37
75	Single-visit or multiple-visit root canal treatment: systematic review, meta-analysis and trial sequential analysis. BMJ Open, 2017, 7, e013115.	0.8	37
76	Conventional treatment, Hall Technique or immediate pulpotomy for carious primary molars: a costâ€effectiveness analysis. International Endodontic Journal, 2016, 49, 817-826.	2.3	36
77	Detecting white spot lesions on dental photography using deep learning: A pilot study. Journal of Dentistry, 2021, 107, 103615.	1.7	36
78	Cost-effectiveness of Artificial Intelligence as a Decision-Support System Applied to the Detection and Grading of Melanoma, Dental Caries, and Diabetic Retinopathy. JAMA Network Open, 2022, 5, e220269.	2.8	36
79	Cost-effectiveness of caries excavations in different risk groups â˜’ a micro-simulation study. BMC Oral Health, 2014, 14, 153.	0.8	35
80	Costâ€effectiveness of cariesâ€preventive fluoride varnish applications in clinic settings among patients of low, moderate and high risk. Community Dentistry and Oral Epidemiology, 2018, 46, 8-16.	0.9	35
81	Stem Cell Transplantation for Pulpal Regeneration: A Systematic Review. Tissue Engineering - Part B: Reviews, 2015, 21, 451-460.	2.5	34
82	Donâ€™t Know, Canâ€™t Do, Wonâ€™t Change. Journal of Dental Research, 2016, 95, 485-486.	2.5	34
83	Generalizability of deep learning models for dental image analysis. Scientific Reports, 2021, 11, 6102.	1.6	33
84	Antibacterial effects of cavity lining: A systematic review and network meta-analysis. Journal of Dentistry, 2015, 43, 1298-1307.	1.7	32
85	Preventing and Treating Periâ€Implantitis: A Costâ€Effectiveness Analysis. Journal of Periodontology, 2015, 86, 1020-1029.	1.7	32
86	More teeth in more elderly: Periodontal treatment needs in Germany 1997â€“2030. Journal of Clinical Periodontology, 2018, 45, 1400-1407.	2.3	32
87	In vitro Induction of Residual Caries Lesions in Dentin: Comparative Mineral Loss and Nano-Hardness Analysis. Caries Research, 2015, 49, 259-265.	0.9	31
88	Calcium Hydroxide versus Mineral Trioxide Aggregate for Direct Pulp Capping: A Cost-effectiveness Analysis. Journal of Endodontics, 2015, 41, 1969-1974.	1.4	31
89	Management of pulps exposed during carious tissue removal in adults: a multi-national questionnaire-based survey. Clinical Oral Investigations, 2017, 21, 2303-2309.	1.4	31
90	Prosthetic rehabilitation of patients with history of moderate to severe periodontitis: a longâ€term evaluation. Journal of Clinical Periodontology, 2013, 40, 799-806.	2.3	30

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91	100 Years of the Journal of Dental Research: A Bibliometric Analysis. Journal of Dental Research, 2019, 98, 1425-1436.	2.5	30
92	Retention costs of periodontally compromised molars in a German population. Journal of Clinical Periodontology, 2016, 43, 261-270.	2.3	29
93	Data Dentistry: How Data Are Changing Clinical Care and Research. Journal of Dental Research, 2022, 101, 21-29.	2.5	29
94	Cavity lining after excavating caries lesions: Meta-analysis and trial sequential analysis of randomized clinical trials. Journal of Dentistry, 2015, 43, 1291-1297.	1.7	28
95	Arrest of Root Carious Lesions via Sodium Fluoride, Chlorhexidine and Silver Diamine Fluoride In Vitro. Materials, 2018, 11, 9.	1.3	27
96	How to intervene in the caries process in adults: proximal and secondary caries? An EFCD-ORCA-DGZ expert Delphi consensus statement. Clinical Oral Investigations, 2020, 24, 3315-3321.	1.4	27
97	Epidemiological trends, predictive factors, and projection of tooth loss in Germany 1997â€“2030: part II. Edentulism in seniors. Clinical Oral Investigations, 2020, 24, 3997-4003.	1.4	27
98	A Deep Learning Approach to Segment and Classify C-Shaped Canal Morphologies in Mandibular Second Molars Using Cone-beam Computed Tomography. Journal of Endodontics, 2021, 47, 1907-1916.	1.4	27
99	Fracture resistance and cuspal deflection of incompletely excavated teeth. Journal of Dentistry, 2014, 42, 107-113.	1.7	25
100	Contemporary concepts in carious tissue removal: A review. Journal of Esthetic and Restorative Dentistry, 2017, 29, 403-408.	1.8	25
101	Salivary and pellicle proteome: A datamining analysis. Scientific Reports, 2016, 6, 38882.	1.6	24
102	In vitro performance of the DIAGNOcam for detecting proximal carious lesions adjacent to composite restorations. Journal of Dentistry, 2018, 72, 39-43.	1.7	24
103	Evaluating Modeling and Validation Strategies for Tooth Loss. Journal of Dental Research, 2019, 98, 1088-1095.	2.5	24
104	How to Intervene in the Caries Process in Older Adults: A Joint ORCA and EFCD Expert Delphi Consensus Statement. Caries Research, 2020, 54, 459-465.	0.9	24
105	Managing Carious Lesions. Advances in Dental Research, 2016, 28, 46-48.	3.6	23
106	Costâ€effectiveness of regular versus irregular supportive periodontal therapy or tooth removal. Journal of Clinical Periodontology, 2016, 43, 940-947.	2.3	23
107	Clinical studies in restorative dentistry: Design, conduct, analysis. Dental Materials, 2018, 34, 29-39.	1.6	23
108	Contemporary restorative ion-releasing materials: current status, interfacial properties and operative approaches. British Dental Journal, 2020, 229, 450-458.	0.3	23

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109	Factors Influencing Patient Compliance during Clear Aligner Therapy: A Retrospective Cohort Study. Journal of Clinical Medicine, 2021, 10, 3103.	1.0	23
110	Managing caries: the need to close the gap between the evidence base and current practice. British Dental Journal, 2015, 219, 433-438.	0.3	22
111	Managing molars with severe molar-incisor hypomineralization: A cost-effectiveness analysis within German healthcare. Journal of Dentistry, 2017, 63, 65-71.	1.7	22
112	Validation of multivariable models for predicting tooth loss in periodontitis patients. Journal of Clinical Periodontology, 2018, 45, 701-710.	2.3	22
113	Sealing or infiltrating proximal carious lesions. Journal of Dentistry, 2018, 74, 15-22.	1.7	22
114	Industry sponsorship bias in clinical trials in implant dentistry: Systematic review and metaâ€regression. Journal of Clinical Periodontology, 2019, 46, 510-519.	2.3	22
115	Cost-effectiveness of the Hall Technique in a Randomized Trial. Journal of Dental Research, 2019, 98, 61-67.	2.5	22
116	Success and survival of postâ€restorations: sixâ€year results of a prospective observational practiceâ€based clinical study. International Endodontic Journal, 2019, 52, 569-578.	2.3	22
117	Embedding environmental sustainability within the modern dental curriculumâ€” Exploring current practice and developing a shared understanding. European Journal of Dental Education, 2021, 25, 541-549.	1.0	22
118	Design and Validity of Randomized Controlled Dental Restorative Trials. Materials, 2016, 9, 372.	1.3	21
119	How do we create, and improve, the evidence base?. British Dental Journal, 2016, 220, 651-655.	0.3	21
120	Removing Carious Tissue: Why and How?. Monographs in Oral Science, 2018, 27, 56-67.	0.9	21
121	Dental caries experience, care index and restorative index in children with learning disabilities and children without learning disabilities; a systematic review and meta-analysis. BMC Oral Health, 2019, 19, 146.	0.8	21
122	Stem/progenitor cellâ€mediated pulpal tissue regeneration: a systematic review and metaâ€analysis. International Endodontic Journal, 2019, 52, 1573-1585.	2.3	21
123	When to intervene in the caries process? A Delphi consensus statement. British Dental Journal, 2020, 229, 474-482.	0.3	21
124	To fill or not to fill: a qualitative cross-country study on dentistsâ€™ decisions in managing non-cavitated proximal caries lesions. Implementation Science, 2018, 13, 54.	2.5	20
125	Global smokingâ€attributable burden of periodontal disease in 186 countries in the year 2015. Journal of Clinical Periodontology, 2018, 45, 2-14.	2.3	20
126	Cost-effectiveness of managing cavitated primary molar caries lesions: A randomized trial in Germany. Journal of Dentistry, 2018, 78, 40-45.	1.7	20

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127	Selective Removal of Carious Tissue. Monographs in Oral Science, 2018, 27, 82-91.	0.9	20
128	Selective versus stepwise removal of deep carious lesions in permanent teeth: a randomised controlled trial from Egyptâ€”an interim analysis. BMJ Open, 2019, 9, e030957.	0.8	20
129	Oral healthâ€related quality of life impacts are low 27 years after periodontal therapy. Journal of Clinical Periodontology, 2020, 47, 952-961.	2.3	20
130	Secondary caries risk of different adhesive strategies and restorative materials in permanent teeth: Systematic review and network meta-analysis. Journal of Dentistry, 2021, 104, 103541.	1.7	20
131	Decontamination of N95 respirators against SARS-CoV-2: A scoping review. Journal of Dentistry, 2021, 104, 103534.	1.7	20
132	Generalizability of Deep Learning Models for Caries Detection in Near-Infrared Light Transillumination Images. Journal of Clinical Medicine, 2021, 10, 961.	1.0	20
133	Interventions for treating cavitated or dentine carious lesions. The Cochrane Library, 2021, 2021, CD013039.	1.5	20
134	Cost-effectiveness of Single- Versus Multistep Root Canal Treatment. Journal of Endodontics, 2016, 42, 1446-1452.	1.4	19
135	Detecting Proximal Secondary Caries Lesions. Journal of Dental Research, 2016, 95, 152-159.	2.5	19
136	Outcomes in randomised controlled trials in prevention and management of carious lesions: a systematic review. Trials, 2017, 18, 515.	0.7	19
137	Amalgam Alternatives: Cost-Effectiveness and Value of Information Analysis. Journal of Dental Research, 2018, 97, 1317-1323.	2.5	19
138	Long-term survival and maintenance efforts of splinted teeth in periodontitis patients. Journal of Dentistry, 2019, 80, 49-54.	1.7	19
139	Outcomes in Trials for Management of Caries Lesions (OuTMaC): protocol. Trials, 2015, 16, 397.	0.7	18
140	Effect of Industry Sponsorship on Dental Restorative Trials. Journal of Dental Research, 2016, 95, 9-16.	2.5	18
141	Impact of combined CO2 laser irradiation and fluoride on enamel and dentin biofilm-induced mineral loss. Clinical Oral Investigations, 2017, 21, 1243-1250.	1.4	18
142	Risk of caries adjacent to different restoration materials: Systematic review of in situ studies. Journal of Dentistry, 2017, 56, 1-10.	1.7	18
143	German dentistsâ€™ websites on periodontitis have low quality of information. BMC Medical Informatics and Decision Making, 2017, 17, 114.	1.5	18
144	Long-term tooth retention in periodontitis patients in four German university centres. Journal of Dentistry, 2020, 94, 103307.	1.7	18

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145	Barriers and Enablers for Artificial Intelligence in Dental Diagnostics: A Qualitative Study. Journal of Clinical Medicine, 2021, 10, 1612.	1.0	18
146	Exploring variation of coverage and access to dental care for adults in 11 European countries: a vignette approach. BMC Oral Health, 2022, 22, 65.	0.8	18
147	Why we need a core outcome set for trials of interventions for prevention and management of caries. Evidence-Based Dentistry, 2015, 16, 66-68.	0.3	17
148	Estimating future dental services' demand and supply: a model for Northern Germany. Community Dentistry and Oral Epidemiology, 2016, 44, 169-179.	0.9	17
149	The association between loading of restorations and secondary caries lesions is moderated by the restoration material elasticity. Journal of Dentistry, 2017, 58, 74-79.	1.7	17
150	Professional oral health care for preventing nursing homeâ€acquired pneumonia: A costâ€effectiveness and value of information analysis. Journal of Clinical Periodontology, 2017, 44, 1236-1244.	2.3	17
151	Margin Integrity and Secondary Caries of Lined or Non-lined Composite and Glass Hybrid Restorations After Selective Excavation In Vitro. Operative Dentistry, 2017, 42, 155-164.	0.6	17
152	Root caries experience in Germany 1997 to 2014: Analysis of trends and identification of risk factors. Journal of Dentistry, 2018, 78, 100-105.	1.7	17
153	Better Reporting of Studies on Artificial Intelligence: CONSORT-AI and Beyond. Journal of Dental Research, 2021, 100, 677-680.	2.5	17
154	Cost-effectiveness of Different Post-retained Restorations. Journal of Endodontics, 2017, 43, 709-714.	1.4	16
155	Cost comparison of predictionâ€based decisionâ€making for periodontally affected molars. Journal of Clinical Periodontology, 2017, 44, 1145-1152.	2.3	16
156	Bacterial reduction in sealed caries lesions is strain- and material-specific. Scientific Reports, 2018, 8, 3767.	1.6	16
157	Towards Trustworthy AI in Dentistry. Journal of Dental Research, 2022, 101, 1263-1268.	2.5	16
158	Restoration gaps needed to exceed a threshold size to impede sealed lesion arrest in vitro. Journal of Dentistry, 2016, 48, 77-80.	1.7	15
159	Interventions for enhancing the distribution of dental professionals: a concise systematic review. International Dental Journal, 2017, 67, 263-271.	1.0	15
160	Selective vs stepwise removal of deep carious lesions in primary molars: 12-Months results of a randomized controlled pilot trial. Journal of Dentistry, 2018, 77, 72-77.	1.7	15
161	Less Is More? The Long-Term Health and Cost Consequences Resulting from Minimal Invasive CariesÂManagement. Dental Clinics of North America, 2019, 63, 737-749.	0.8	15
162	Maintaining pulpal vitality: Cost-effectiveness analysis on carious tissue removal and direct pulp capping. Journal of Dentistry, 2020, 96, 103330.	1.7	15

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163	Longevity and Risk Factors of Post Restorations after up to 15 Years: A Practice-based Study. Journal of Endodontics, 2021, 47, 577-584.	1.4	15
164	Classification of Dental Radiographs Using Deep Learning. Journal of Clinical Medicine, 2021, 10, 1496.	1.0	15
165	Precision dentistryâ€"what it is, where it fails (yet), and how to get there. Clinical Oral Investigations, 2022, 26, 3395-3403.	1.4	15
166	Choice of comparator in restorative trials: A network analysis. Dental Materials, 2015, 31, 1502-1509.	1.6	14
167	Selective carious tissue removal using subjective criteria or polymer bur: study protocol for a randomised controlled trial (SelecCT). BMJ Open, 2018, 8, e022952.	0.8	14
168	Changing dentistsâ€™ carious tissue removal behavior: Qualitative study and behavioral change simulation experiment. Journal of Dentistry, 2019, 81, 43-51.	1.7	14
169	Epidemiological trends, predictive factors, and projection of tooth loss in Germany 1997â€“2030: part I. missing teeth in adults and seniors. Clinical Oral Investigations, 2021, 25, 67-76.	1.4	14
170	Demystifying artificial intelligence and deep learning in dentistry. Brazilian Oral Research, 2021, 35, e094.	0.6	14
171	Dental caries, fluorosis, and oral health behavior of children from Herat, Afghanistan. Community Dentistry and Oral Epidemiology, 2015, 43, 521-531.	0.9	13
172	Selective or stepwise removal of deep caries in deciduous molars: study protocol for a randomized controlled trial. Trials, 2015, 16, 11.	0.7	13
173	In-Office Application of Fluoride Gel or Varnish: Cost-Effectiveness and Expected Value of Perfect Information Analysis. Caries Research, 2017, 51, 231-239.	0.9	13
174	Home care recipients have poorer oral health than nursing home residents: Results from two German studies. Journal of Dentistry, 2021, 107, 103607.	1.7	13
175	Influence of using different bonding systems and composites on the margin integrity and the mechanical properties of selectively excavated teeth in vitro. Journal of Dentistry, 2015, 43, 327-334.	1.7	12
176	Root caries prevention via sodium fluoride, chlorhexidine and silver diamine fluoride in vitro. Odontology / the Society of the Nippon Dental University, 2018, 106, 274-281.	0.9	12
177	Modified resin infiltration of non-, micro- and cavitated proximal caries lesions in vitro. Journal of Dentistry, 2018, 74, 56-60.	1.7	12
178	Restoring root-canal treated molars: Cost-effectiveness-analysis of direct versus indirect restorations. Journal of Dentistry, 2018, 77, 37-42.	1.7	12
179	Removing or Controlling? How Caries Management Impacts on the Lifetime of Teeth. Monographs in Oral Science, 2018, 27, 32-41.	0.9	12
180	Consequences of the COVID-19 Pandemic and Governmental Containment Policies on the Detection and Therapy of Oral Malignant Lesionsâ€"A Retrospective, Multicenter Cohort Study from Germany. Cancers, 2021, 13, 2892.	1.7	12

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181	Cost-effectiveness of AI for caries detection: randomized trial. Journal of Dentistry, 2022, 119, 104080.	1.7	12
182	Secondary Treatment for Asymptomatic Root Canal TreatedÂTeeth: A Cost-effectiveness Analysis. Journal of Endodontics, 2015, 41, 812-816.	1.4	11
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