

Sebastian Paris

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

2,990
citations

159585

30
h-index

182427

51
g-index

91
all docs

91
docs citations

91
times ranked

2856
citing authors

#	ARTICLE	IF	CITATIONS
1	Probiotics for managing caries and periodontitis: Systematic review and meta-analysis. <i>Journal of Dentistry</i> , 2016, 48, 16-25.	4.1	204
2	Radiographic caries detection: A systematic review and meta-analysis. <i>Journal of Dentistry</i> , 2015, 43, 924-933.	4.1	175
3	Dental caries and periodontal diseases in the ageing population: call to action to protect and enhance oral health and well-being as an essential component of healthy ageing – Consensus report of group 4 of the joint EFP/ORCA workshop on the boundaries between caries and periodontal diseases. <i>Journal of Clinical Periodontology</i> , 2017, 44, S135-S144.	4.9	160
4	Resin Infiltration of Artificial Enamel Caries Lesions with Experimental Light Curing Resins. <i>Dental Materials Journal</i> , 2007, 26, 582-588.	1.8	125
5	Penetration coefficients of commercially available and experimental composites intended to infiltrate enamel carious lesions. <i>Dental Materials</i> , 2007, 23, 742-748.	3.5	107
6	When to intervene in the caries process? An expert Delphi consensus statement. <i>Clinical Oral Investigations</i> , 2019, 23, 3691-3703.	3.0	105
7	Deep learning for caries lesion detection in near-infrared light transillumination images: A pilot study. <i>Journal of Dentistry</i> , 2020, 92, 103260.	4.1	101
8	Different materials for direct pulp capping: systematic review and meta-analysis and trial sequential analysis. <i>Clinical Oral Investigations</i> , 2016, 20, 1121-1132.	3.0	84
9	Influence of the application time on the penetration of different dental adhesives and a fissure sealant into artificial subsurface lesions in bovine enamel. <i>Dental Materials</i> , 2006, 22, 22-28.	3.5	80
10	Periodontal regeneration employing gingival margin-derived stem/progenitor cells: an animal study. <i>Journal of Clinical Periodontology</i> , 2012, 39, 861-870.	4.9	79
11	Isolation and characterisation of human gingival margin-derived STRO-1/MACS+ and MACS ⁺ cell populations. <i>International Journal of Oral Science</i> , 2015, 7, 80-88.	8.6	67
12	Infiltration of Natural Caries Lesions with Experimental Resins Differing in Penetration Coefficients and Ethanol Addition. <i>Caries Research</i> , 2010, 44, 408-414.	2.0	66
13	Effects of using different criteria for caries removal: A systematic review and network meta-analysis. <i>Journal of Dentistry</i> , 2015, 43, 1-15.	4.1	66
14	Inhibition of Lesion Progression by the Penetration of Resins In Vitro: Influence of the Application Procedure. <i>Operative Dentistry</i> , 2006, 31, 338-345.	1.2	62
15	Surface conditioning of natural enamel caries lesions in deciduous teeth in preparation for resin infiltration. <i>Journal of Dentistry</i> , 2010, 38, 65-71.	4.1	61
16	Inhibition of <i>Streptococcus mutans</i> Growth and Biofilm Formation by Probiotics in vitro. <i>Caries Research</i> , 2017, 51, 87-95.	2.0	61
17	Influence of application time on penetration of an infiltrant into natural enamel caries. <i>Journal of Dentistry</i> , 2011, 39, 465-469.	4.1	59
18	Resin infiltration of proximal caries lesions differing in ICDAS codes. <i>European Journal of Oral Sciences</i> , 2011, 119, 182-186.	1.5	59

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19	How to Intervene in the Caries Process in Children: A Joint ORCA and EFCD Expert Delphi Consensus Statement. <i>Caries Research</i> , 2020, 54, 297-305.	2.0	59
20	Costs and Effectiveness of Treatment Alternatives for Proximal Caries Lesions. <i>PLoS ONE</i> , 2014, 9, e86992.	2.5	59
21	Gene Expression of Human Beta-defensins in Healthy and Inflamed Human Dental Pulp. <i>Journal of Endodontics</i> , 2009, 35, 520-523.	3.1	53
22	Detection and treatment of proximal caries lesions: Milieu-specific cost-effectiveness analysis. <i>Journal of Dentistry</i> , 2015, 43, 647-655.	4.1	44
23	Validation of two dual fluorescence techniques for confocal microscopic visualization of resin penetration into enamel caries lesions. <i>Microscopy Research and Technique</i> , 2009, 72, 489-494.	2.2	43
24	Effects of heat-inactivated Bifidobacterium BB12 on cariogenicity of <i>Streptococcus mutans</i> in vitro. <i>Archives of Oral Biology</i> , 2014, 59, 1384-1390.	1.8	39
25	Evaluation of cavitations in proximal caries lesions at various magnification levels in vitro. <i>Journal of Dentistry</i> , 2006, 34, 817-822.	4.1	36
26	Detecting white spot lesions on dental photography using deep learning: A pilot study. <i>Journal of Dentistry</i> , 2021, 107, 103615.	4.1	36
27	Cost-effectiveness of caries excavations in different risk groups - a micro-simulation study. <i>BMC Oral Health</i> , 2014, 14, 153.	2.3	35
28	Penetration of micro-filled infiltrant resins into artificial caries lesions. <i>Journal of Dentistry</i> , 2015, 43, 832-838.	4.1	35
29	Remineralizing Efficacy of a CPP-ACP Cream on Enamel Caries Lesions in situ. <i>Caries Research</i> , 2015, 49, 56-62.	2.0	34
30	The forgotten merits of GIC restorations: a systematic review. <i>Clinical Oral Investigations</i> , 2020, 24, 2189-2201.	3.0	33
31	Penetration depths of an infiltrant into proximal caries lesions in primary molars after different application times <i>in vitro</i> . <i>International Journal of Paediatric Dentistry</i> , 2012, 22, 349-355.	1.8	31
32	In vitro Induction of Residual Caries Lesions in Dentin: Comparative Mineral Loss and Nano-Hardness Analysis. <i>Caries Research</i> , 2015, 49, 259-265.	2.0	31
33	Isolation and characterization of multipotent postnatal stem/progenitor cells from human alveolar bone proper. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2012, 40, 735-742.	1.7	27
34	Arrest of Root Carious Lesions via Sodium Fluoride, Chlorhexidine and Silver Diamine Fluoride In Vitro. <i>Materials</i> , 2018, 11, 9.	2.9	27
35	How to intervene in the caries process in adults: proximal and secondary caries? An EFCD-ORCA-DGZ expert Delphi consensus statement. <i>Clinical Oral Investigations</i> , 2020, 24, 3315-3321.	3.0	27
36	Resin Infiltration of Fissure Caries with Various Techniques of Pretreatment in vitro. <i>Caries Research</i> , 2015, 49, 50-55.	2.0	26

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37	Bactericidal Efficacy of Cold Plasma at Different Depths of Infected Root Canals In Vitro. <i>Open Dentistry Journal</i> , 2015, 9, 486-491.	0.5	26
38	In vitro performance of the DIAGNOcam for detecting proximal carious lesions adjacent to composite restorations. <i>Journal of Dentistry</i> , 2018, 72, 39-43.	4.1	24
39	How to Intervene in the Caries Process in Older Adults: A Joint ORCA and EFCD Expert Delphi Consensus Statement. <i>Caries Research</i> , 2020, 54, 459-465.	2.0	24
40	Volatile Organic Compounds in the Breath of Oral Squamous Cell Carcinoma Patients: A Pilot Study. <i>Otolaryngology - Head and Neck Surgery</i> , 2017, 157, 981-987.	1.9	23
41	Identification of signature volatiles to discriminate <i>Candida albicans</i> , <i>glabrata</i> , <i>krusei</i> and <i>tropicalis</i> using gas chromatography and mass spectrometry. <i>Mycoses</i> , 2016, 59, 117-126.	4.0	22
42	Managing molars with severe molar-incisor hypomineralization: A cost-effectiveness analysis within German healthcare. <i>Journal of Dentistry</i> , 2017, 63, 65-71.	4.1	22
43	Effect of Emdogain enamel matrix derivative and BMP-2 on the gene expression and mineralized nodule formation of alveolar bone proper-derived stem/progenitor cells. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 568-576.	1.7	21
44	Design and Validity of Randomized Controlled Dental Restorative Trials. <i>Materials</i> , 2016, 9, 372.	2.9	21
45	Adjuvant antifungal therapy using tissue tolerable plasma on oral mucosa and removable dentures in oral candidiasis patients: a randomised double-blind split-mouth pilot study. <i>Mycoses</i> , 2016, 59, 467-475.	4.0	21
46	When to intervene in the caries process? A Delphi consensus statement. <i>British Dental Journal</i> , 2020, 229, 474-482.	0.6	21
47	Correlation of scanning electron and confocal laser scanning microscopic analyses for visualization of dentin/adhesive interfaces in the root canal. <i>Journal of Adhesive Dentistry</i> , 2009, 11, 7-14.	0.5	21
48	Generalizability of Deep Learning Models for Caries Detection in Near-Infrared Light Transillumination Images. <i>Journal of Clinical Medicine</i> , 2021, 10, 961.	2.4	20
49	Risk of caries adjacent to different restoration materials: Systematic review of in situ studies. <i>Journal of Dentistry</i> , 2017, 56, 1-10.	4.1	18
50	The association between loading of restorations and secondary caries lesions is moderated by the restoration material elasticity. <i>Journal of Dentistry</i> , 2017, 58, 74-79.	4.1	17
51	Bacterial reduction in sealed caries lesions is strain- and material-specific. <i>Scientific Reports</i> , 2018, 8, 3767.	3.3	16
52	Restoration gaps needed to exceed a threshold size to impede sealed lesion arrest in vitro. <i>Journal of Dentistry</i> , 2016, 48, 77-80.	4.1	15
53	Selective vs stepwise removal of deep carious lesions in primary molars: 12-Months results of a randomized controlled pilot trial. <i>Journal of Dentistry</i> , 2018, 77, 72-77.	4.1	15
54	Choice of comparator in restorative trials: A network analysis. <i>Dental Materials</i> , 2015, 31, 1502-1509.	3.5	14

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55	Selective carious tissue removal using subjective criteria or polymer bur: study protocol for a randomised controlled trial (SelecCT). <i>BMJ Open</i> , 2018, 8, e022952.	1.9	14
56	Dental caries, fluorosis, and oral health behavior of children from Herat, Afghanistan. <i>Community Dentistry and Oral Epidemiology</i> , 2015, 43, 521-531.	1.9	13
57	Selective or stepwise removal of deep caries in deciduous molars: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 11.	1.6	13
58	Root caries prevention via sodium fluoride, chlorhexidine and silver diamine fluoride in vitro. <i>Odontology / the Society of the Nippon Dental University</i> , 2018, 106, 274-281.	1.9	12
59	Selective vs stepwise removal of deep carious lesions in primary molars: 24 months follow-up from a randomized controlled trial. <i>Clinical Oral Investigations</i> , 2021, 25, 645-652.	3.0	11
60	Glass hybrid versus composite for non-carious cervical lesions: Survival, restoration quality and costs in randomized controlled trial after 3 years. <i>Journal of Dentistry</i> , 2021, 110, 103689.	4.1	11
61	Cold plasma: a novel approach to treat infected dentin—a combined ex vivo and in vitro study. <i>Clinical Oral Investigations</i> , 2016, 20, 2429-2435.	3.0	10
62	Glass hybrid, but not calcium hydroxide, remineralized artificial residual caries lesions in vitro. <i>Clinical Oral Investigations</i> , 2017, 21, 389-396.	3.0	10
63	Dental service utilization in the very old: an insurance database analysis from northeast Germany. <i>Clinical Oral Investigations</i> , 2021, 25, 2765-2777.	3.0	10
64	Restoration outcomes after restoring vital teeth with advanced caries lesions: a practice-based retrospective study. <i>Clinical Oral Investigations</i> , 2016, 20, 1675-1681.	3.0	9
65	Industry sponsorship in trials on fluoride varnish or gels for caries prevention. <i>Community Dentistry and Oral Epidemiology</i> , 2017, 45, 289-295.	1.9	9
66	Proximal caries infiltration — Pragmatic RCT with 4 years of follow-up. <i>Journal of Dentistry</i> , 2021, 111, 103733.	4.1	9
67	The potential for resin infiltration technique in dental practice. <i>Dental Update</i> , 2012, 39, 623-628.	0.2	8
68	Radiographic, antibacterial and bond-strength effects of radiopaque caries tagging. <i>Scientific Reports</i> , 2016, 6, 27319.	3.3	8
69	Effects of plasma jet, dielectric barrier discharge, photodynamic therapy and sodium hypochlorite on infected curved root canals. <i>Journal of Biophotonics</i> , 2018, 11, e201700186.	2.3	8
70	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.	3.0	8
71	Aerosol exposure of staff during dental treatments: a model study. <i>BMC Oral Health</i> , 2022, 22, 128.	2.3	8
72	Root Caries Preventive Effect of Varnishes Containing Fluoride or Fluoride + Chlorhexidine/Cetylpyridinium Chloride In Vitro. <i>Microorganisms</i> , 2021, 9, 737.	3.6	7

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73	Implementation of COVID-19 Infection Control Measures by German Dentists: A Qualitative Study to Identify Enablers and Barriers. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5710.	2.6	7
74	Restoration integrity, but not material or cementation strategy determined secondary caries lesions next to indirect restorations in vitro. <i>Dental Materials</i> , 2018, 34, e317-e323.	3.5	6
75	Prosthetic treatment patterns in the very old: an insurance database analysis from Northeast Germany. <i>Clinical Oral Investigations</i> , 2020, 24, 3981-3995.	3.0	6
76	Pulpal Remineralisation of Artificial Residual Caries Lesions in vitro. <i>Caries Research</i> , 2015, 49, 591-594.	2.0	5
77	The impact of glass ionomer cement and composite resin on microscale pH in cariogenic biofilms and demineralization of dental tissues. <i>Dental Materials</i> , 2021, 37, 1576-1583.	3.5	5
78	Hard X-ray phase-contrast-enhanced micro-CT for quantifying interfaces within brittle dense root-filling-restored human teeth. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 1015-1022.	2.4	5
79	Volatile organic compounds in the breath of oral candidiasis patients: a pilot study. <i>Clinical Oral Investigations</i> , 2018, 22, 721-731.	3.0	4
80	Underscreening and undertreatment? Periodontal service provision in very old Germans. <i>Clinical Oral Investigations</i> , 2021, 25, 3117-3129.	3.0	4
81	Subjective versus objective, polymer bur-based selective carious tissue removal: 1-year interim analysis of a randomized clinical trial. <i>Scientific Reports</i> , 2020, 10, 9130.	3.3	3
82	Costs for Statutorily Insured Dental Services in Older Germans 2012â€“2017. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6669.	2.6	3
83	Fracture Resistance and Cusp Deflection of Lined or Non-lined Composite and Glass Hybrid Restorations Over Residual Demineralized Dentin. <i>Journal of Adhesive Dentistry</i> , 2017, 19, 77-82.	0.5	2
84	Secondary Caries Adjacent to Bulk or Incrementally Filled Composites Placed after Selective Excavation In Vitro. <i>Materials</i> , 2021, 14, 939.	2.9	1
85	The Influence of Cold Atmospheric Plasma Irradiation on the Adhesive Bond Strength in Non-Demineralized and Demineralized Human Dentin: An In Vitro Study. <i>Open Dentistry Journal</i> , 2018, 12, 960-968.	0.5	1
86	Improving the Bond Strength of Radiographically Tagged Caries Lesions In Vitro. <i>Materials</i> , 2020, 13, 3702.	2.9	0
87	Response to letter to the editor by Jan KÄ¼hnisch. <i>Clinical Oral Investigations</i> , 2020, 24, 2139-2140.	3.0	0