

Peter Bottenberg

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,943
citations

361045

20
h-index

276539

41
g-index

61
all docs

61
docs citations

61
times ranked

2110
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Evaluation of marginal and internal fit of lithium disilicate CAD-CAM crowns with different finish lines by using a micro-CT technique. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 890-898. | 1.1 | 16 |
| 2 | Salivary Fluoride Bioavailability after Brushing with Brazilian Red Propolis Dentifrice: A Clinical Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-7. | 0.5 | 2 |
| 3 | Remineralisation capability of silver diamine fluoride in artificial enamel lesions on smooth surfaces using quantitative light-induced fluorescence measurements in-vitro. <i>Scientific Reports</i> , 2022, 12, 8498. | 1.6 | 3 |
| 4 | Prevalence, Caries, Dental Anxiety and Quality of Life in Children with MIH in Brussels, Belgium. <i>Journal of Clinical Medicine</i> , 2022, 11, 3065. | 1.0 | 10 |
| 5 | Associations between obesity, dental caries, erosive tooth wear and periodontal disease in adolescents: a case-control study. <i>European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry</i> , 2021, 22, 99-108. | 0.7 | 8 |
| 6 | Evaluation of fluoride concentration in toothpastes with antimicrobial molecules commercialized in Brazil. <i>Research on Biomedical Engineering</i> , 2021, 37, 9-14. | 1.5 | 2 |
| 7 | The COVID-19 pandemic and its global effects on dental practice. An International survey. <i>Journal of Dentistry</i> , 2021, 114, 103749. | 1.7 | 40 |
| 8 | Dentist Related Factors Associated with Implementation of COVID-19 Protective Measures: A National Survey. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8381. | 1.2 | 12 |
| 9 | Behavior of Children during Dental Care with Rubber Dam Isolation: A Randomized Controlled Study. <i>Dentistry Journal</i> , 2021, 9, 89. | 0.9 | 4 |
| 10 | Stimuli involved in dental anxiety: What are patients afraid of?: A descriptive study. <i>International Journal of Paediatric Dentistry</i> , 2020, 30, 276-285. | 1.0 | 11 |
| 11 | Child behaviour during dental care under nitrous oxide sedation: a cohort study using two different gas distribution systems. <i>European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry</i> , 2020, 22, 409-415. | 0.7 | 2 |
| 12 | 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. | 0.9 | 24 |
| 13 | 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. | 0.9 | 59 |
| 14 | 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. | 1.4 | 27 |
| 15 | Oral appliances in the treatment of oromandibular dystonia: a systematic review. <i>Acta Neurologica Belgica</i> , 2020, 120, 831-836. | 0.5 | 9 |
| 16 | Secondary caries: what is it, and how it can be controlled, detected, and managed?. <i>Clinical Oral Investigations</i> , 2020, 24, 1869-1876. | 1.4 | 81 |
| 17 | European Organization for Caries Research Workshop: Methodology for Determination of Potentially Available Fluoride in Toothpastes. <i>Caries Research</i> , 2019, 53, 119-136. | 0.9 | 19 |
| 18 | Oral health and healthcare utilization in Belgian dentate adults. <i>Community Dentistry and Oral Epidemiology</i> , 2019, 47, 381-388. | 0.9 | 8 |

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|----|--|-----|-----------|
| 19 | School Food Policies Related to Soft Drink and Fruit Juice Consumption as a Function of Education Type in Flanders, Belgium. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2718. | 1.2 | 2 |
| 20 | Randomised in situ clinical trial investigating self-assembling peptide matrix P11-4 in the prevention of artificial caries lesions. <i>Scientific Reports</i> , 2019, 9, 269. | 1.6 | 22 |
| 21 | Grey value contrast sensitivity of dental practitioners in function of luminance and age. <i>Dentomaxillofacial Radiology</i> , 2019, 48, 20180398. | 1.3 | 2 |
| 22 | The Influence of Behavioural and Sociodemographic Risk Indicators on Erosive Tooth Wear in Flemish Adolescents, Belgium. <i>Caries Research</i> , 2018, 52, 119-128. | 0.9 | 8 |
| 23 | Monitoring the progression of erosive tooth wear (ETW) using BEWE index in casts and their 3D images: A retrospective longitudinal study. <i>Journal of Dentistry</i> , 2018, 73, 70-75. | 1.7 | 18 |
| 24 | Evaluation of the Fluoride Releasing and Recharging Abilities of Various Fissure Sealants. <i>Oral Health & Preventive Dentistry</i> , 2018, , 96-103. | 0.3 | 5 |
| 25 | Social gradient in caries experience of Belgian adults 2010. <i>Community Dental Health</i> , 2018, 35, 160-166. | 0.2 | 4 |
| 26 | Efficacy of three different pulpotomy agents in primary molars: a randomized control trial. <i>International Endodontic Journal</i> , 2017, 50, 215-228. | 2.3 | 50 |
| 27 | 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 <sc>EFP</sc>/<sc>ORCA</sc> workshop on the boundaries between caries and periodontal diseases. <i>Journal of Clinical Periodontology</i> , 2017, 44, S135-S144. | 2.3 | 160 |
| 28 | Comparison of micro-CT imaging and histology for approximal caries detection. <i>Scientific Reports</i> , 2017, 7, 6680. | 1.6 | 23 |
| 29 | On the Gray-Value Sensibility of Dental Practitioners. <i>IFMBE Proceedings</i> , 2016, , 399-402. | 0.2 | 1 |
| 30 | Validation of the Oral Survey-B System for Electronic Data Capture in National Oral Health Surveys. <i>Caries Research</i> , 2016, 50, 288-294. | 0.9 | 3 |
| 31 | Comparison of occlusal caries detection using the ICDAS criteria on extracted teeth or their photographs. <i>BMC Oral Health</i> , 2016, 16, 93. | 0.8 | 20 |
| 32 | In-Vivo Intracanal Temperature Evolution during Endodontic Treatment after the Injection of Room Temperature or Preheated Sodium Hypochlorite. <i>Journal of Endodontics</i> , 2015, 41, 1112-1115. | 1.4 | 101 |
| 33 | Longevity of Posterior Composite Restorations. <i>Journal of Dental Research</i> , 2014, 93, 943-949. | 2.5 | 520 |
| 34 | Development and Testing of Bioadhesive, Fluoride-containing Slow-release Tablets for Oral Use. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 43, 457-464. | 1.2 | 186 |
| 35 | Comparison of salivary fluoride concentrations after administration of a bioadhesive slow-release tablet and a conventional fluoride tablet. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 44, 684-686. | 1.2 | 19 |
| 36 | Decision-making and preventive non-surgical therapy in the context of a European Core Curriculum in Cariology. <i>European Journal of Dental Education</i> , 2011, 15, 32-39. | 1.0 | 14 |

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|----|---|-----|-----------|
| 37 | Validity of an Information and Communication Technology System for Data Capture in Epidemiological Studies. <i>Caries Research</i> , 2011, 45, 287-293. | 0.9 | 10 |
| 38 | Detection of cavitated or non-cavitated approximal enamel caries lesions using CMOS and CCD digital X-ray sensors and conventional D and F-speed films at different exposure conditions. <i>American Journal of Dentistry</i> , 2011, 24, 74-8. | 0.1 | 14 |
| 39 | Clinical observations and success rates of palatal implants. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010, 137, 114-122. | 0.8 | 38 |
| 40 | Novel information theory based method for superimposition of lateral head radiographs and cone beam computed tomography images. <i>Dentomaxillofacial Radiology</i> , 2010, 39, 191-198. | 1.3 | 6 |
| 41 | 2D image registration using focused mutual information for application in dentistry. <i>Computers in Biology and Medicine</i> , 2009, 39, 545-553. | 3.9 | 7 |
| 42 | A prospective randomized clinical trial of one bis-GMA-based and two ormocer-based composite restorative systems in class II cavities: Five-year results. <i>Journal of Dentistry</i> , 2009, 37, 198-203. | 1.7 | 43 |
| 43 | Knowledge of Flemish paediatricians about children's oral health " results of a survey. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008, 97, 959-963. | 0.7 | 21 |
| 44 | Approximal Caries Diagnosis after Data Import from Different Digital Radiography Systems: Interobserver Agreement and Comparison to Histological Hard-Tissue Sections. <i>Caries Research</i> , 2008, 42, 57-61. | 0.9 | 9 |
| 45 | A prospective randomised clinical trial of one bis-GMA-based and two ormocer-based composite restorative systems in class II cavities: Three-year results. <i>Journal of Dentistry</i> , 2007, 35, 163-171. | 1.7 | 34 |
| 46 | Short-term anti-plaque effect of two chlorhexidine varnishes. <i>Journal of Clinical Periodontology</i> , 2005, 32, 899-904. | 2.3 | 11 |
| 47 | Prevalence and Determinants of Enamel Fluorosis in Flemish Schoolchildren. <i>Caries Research</i> , 2004, 38, 20-28. | 0.9 | 26 |
| 48 | Fluoride content of mineral waters on the Belgian market and a case report of fluorosis induced by mineral water use. <i>European Journal of Pediatrics</i> , 2004, 163, 626-7. | 1.3 | 8 |
| 49 | Epidemiological Study of Jaw Cysts among a Part of the Belgian Population. <i>Oral Medicine & Pathology</i> , 2003, 8, 71-73. | 0.3 | 0 |
| 50 | A survey of endodontic practice amongst Flemish dentists. <i>International Endodontic Journal</i> , 2002, 35, 759-767. | 2.3 | 104 |
| 51 | Microhardness changes in surface enamel after application of bioadhesive fluoride tablets in situ. <i>Clinical Oral Investigations</i> , 2000, 4, 153-156. | 1.4 | 8 |
| 52 | Distribution of Fluoride in the Oral Cavity after Application of a Bioadhesive Fluoride-releasing Tablet. <i>Journal of Dental Research</i> , 1998, 77, 68-72. | 2.5 | 15 |
| 53 | Penetration of etching agents and its influence on sealer penetration into fissures in vitro. <i>Dental Materials</i> , 1996, 12, 96-102. | 1.6 | 24 |
| 54 | In vivo Use of a Dual Acid Etch Biopsy for the Evaluation of Lead Profiles in Human Surface Enamel. <i>Caries Research</i> , 1991, 25, 256-263. | 0.9 | 18 |

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|----|---|-----|-----------|
| 55 | Study of lead and cadmium content of surface enamel of schoolchildren from an industrial area in Belgium. <i>Community Dentistry and Oral Epidemiology</i> , 1991, 19, 107-111. | 0.9 | 39 |
| 56 | Penetration of some commercially available fluoride gels into occlusal fissures in vitro. <i>International Journal of Pharmaceutics</i> , 1990, 58, 203-208. | 2.6 | 3 |
| 57 | Influence of viscosity and surfactant on fissure penetration of dental fluoride gels in vitro. <i>International Journal of Pharmaceutics</i> , 1989, 49, 147-156. | 2.6 | 8 |
| 58 | Penetration of Fluoride-Containing Self-Gelling Liquids into Human Molar Occlusal Fissures in vitro. <i>Caries Research</i> , 1989, 23, 303-308. | 0.9 | 0 |