

# Henrik Dommisch

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

4,159  
citations

172386

29  
h-index

118793

62  
g-index

71  
all docs

71  
docs citations

71  
times ranked

5103  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | BACH1 Binding Links the Genetic Risk for Severe Periodontitis with <i>ST8SIA1</i> . Journal of Dental Research, 2022, 101, 93-101.   | 2.5 | 5         |
| 2  | Exome Sequencing of 5 Families with Severe Early-Onset Periodontitis. Journal of Dental Research, 2022, 101, 151-157.  | 2.5 | 5         |
| 3  | Efficacy of tooth splinting and occlusal adjustment in patients with periodontitis exhibiting masticatory dysfunction: A systematic review. Journal of Clinical Periodontology, 2022, 49, 149-166.       | 2.3 | 9         |
| 4  | Periodontitis Risk Variants at <i>SIGLEC5</i> Impair ERG and MAFB Binding. Journal of Dental Research, 2022, 101, 551-558.   | 2.5 | 3         |
| 5  | Comparison of five-year survival rates among patients with oral squamous cell carcinoma with and without association with syphilis: a retrospective case-control study. BMC Cancer, 2022, 22, 454.       | 1.1 | 8         |
| 6  | Novel Adhesive Nanocarriers Based on Mussel-Inspired Polyglycerols for the Application onto Mucosal Tissues. Pharmaceutics, 2022, 14, 940.   | 2.0 | 1         |
| 7  | Prolonged multimodal fasting modulates periodontal inflammation in female patients with metabolic syndrome: A prospective cohort study. Journal of Clinical Periodontology, 2021, 48, 492-502.           | 2.3 | 6         |
| 8  | Characterization of an ester-based core-multishell (CMS) nanocarrier for the topical application at the oral mucosa. Clinical Oral Investigations, 2021, 25, 5795-5805.                                  | 1.4 | 6         |
| 9  | <i>Entamoeba gingivalis</i> Exerts Severe Pathogenic Effects on the Oral Mucosa. Journal of Dental Research, 2021, 100, 771-776.   | 2.5 | 12        |
| 10 | hsa-miR-374b-5p regulates expression of the gene U2AF homology motif <i>(UHM) kinase 1</i> . Journal of Periodontal Research, 2021, 56, 1028-1036.   | 1.4 | 3         |
| 11 | Sex-specific genetic factors affect the risk of early-onset periodontitis in Europeans. Journal of Clinical Periodontology, 2021, 48, 1404-1413.   | 2.3 | 13        |
| 12 | Reduction of dual-species biofilm after sonic or ultrasonic activated irrigation protocols: A laboratory study. International Endodontic Journal, 2021, 54, 2219-2228.                                   | 2.3 | 9         |
| 13 | Comparison of three full-mouth concepts for the non-surgical treatment of stage III and IV periodontitis: A randomized controlled trial. Journal of Clinical Periodontology, 2021, 48, 1516-1527.        | 2.3 | 12        |
| 14 | Epigenetic adaptations of the masticatory mucosa to periodontal inflammation. Clinical Epigenetics, 2021, 13, 203.   | 1.8 | 6         |
| 15 | Resective surgery for the treatment of furcation involvement: A systematic review. Journal of Clinical Periodontology, 2020, 47, 375-391.  | 2.3 | 41        |
| 16 | Proteomic Analysis Reveals Upregulation of ACE2 (Angiotensin-Converting Enzyme 2), the Putative SARS-CoV-2 Receptor in Pressure-but Not Volume-Overloaded Human Hearts. Hypertension, 2020, 76, e41-e43. | 1.3 | 6         |
| 17 | Oxidative and Nitrosative Stress in Oral Squamous Cell Carcinoma. Cells Tissues Organs, 2020, 209, 120-127.  | 1.3 | 7         |
| 18 | Treatment of stage III periodontitis—The EFP S3 level clinical practice guideline. Journal of Clinical Periodontology, 2020, 47, 4-60.   | 2.3 | 621       |

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|----|---|-----|-----------|
| 19 | Vital root resection in severely furcation-involved maxillary molars: Outcomes after up to 7 years. <i>Journal of Clinical Periodontology</i> , 2020, 47, 970-979.  | 2.3 | 10        |
| 20 | <i>Entamoeba gingivalis</i> Causes Oral Inflammation and Tissue Destruction. <i>Journal of Dental Research</i> , 2020, 99, 561-567.   | 2.5 | 35        |
| 21 | Linear isoforms of the long noncoding RNA CDKN2B-AS1 regulate the c-myc-enhancer binding factor RBMS1. <i>European Journal of Human Genetics</i> , 2019, 27, 80-89.   | 1.4 | 35        |
| 22 | A combined epigenome- and transcriptome-wide association study of the oral masticatory mucosa assigns CYP1B1 a central role for epithelial health in smokers. <i>Clinical Epigenetics</i> , 2019, 11, 105.  | 1.8 | 21        |
| 23 | Smoking Modifies the Genetic Risk for Early-Onset Periodontitis. <i>Journal of Dental Research</i> , 2019, 98, 1332-1339.   | 2.5 | 26        |
| 24 | Biomaterials and regenerative technologies used in bone regeneration in the craniomaxillofacial region: Consensus report of group 2 of the 15th European Workshop on Periodontology on Bone Regeneration. <i>Journal of Clinical Periodontology</i> , 2019, 46, 82-91.  | 2.3 | 132       |
| 25 | The guardians of the periodontium—sequential and differential expression of antimicrobial peptides during gingival inflammation. Results from in vivo and in vitro studies. <i>Journal of Clinical Periodontology</i> , 2019, 46, 276-285.  | 2.3 | 20        |
| 26 | Meta-analysis of genome-wide association studies of aggressive and chronic periodontitis identifies two novel risk loci. <i>European Journal of Human Genetics</i> , 2019, 27, 102-113.   | 1.4 | 58        |
| 27 | Administration of systemic antibiotics during non-surgical periodontal therapy—a consensus report. <i>Clinical Oral Investigations</i> , 2019, 23, 3073-3085.   | 1.4 | 66        |
| 28 | Effect of photodynamic therapy in combination with various irrigation protocols on an endodontic multispecies biofilm <i>ex vivo</i> . <i>International Endodontic Journal</i> , 2018, 51, e23-e34.   | 2.3 | 43        |
| 29 | Characterization of hyperbranched core-multishell nanocarriers as an innovative drug delivery system for the application at the oral mucosa. <i>Journal of Periodontal Research</i> , 2018, 53, 57-65.  | 1.4 | 11        |
| 30 | Genome-wide association meta-analysis of coronary artery disease and periodontitis reveals a novel shared risk locus. <i>Scientific Reports</i> , 2018, 8, 13678.   | 1.6 | 35        |
| 31 | Effect of micronutrient malnutrition on periodontal disease and periodontal therapy. <i>Periodontology 2000</i> , 2018, 78, 129-153.  | 6.3 | 84        |
| 32 | Periodontal health and gingival diseases and conditions on an intact and a reduced periodontium: Consensus report of workgroup 1 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. <i>Journal of Periodontology</i> , 2018, 89, S74-S84.                  | 1.7 | 469       |
| 33 | Periodontal health and gingival diseases and conditions on an intact and a reduced periodontium: Consensus report of workgroup 1 of the 2017 World Workshop on the Classification of Periodontal and Peri-Implant Diseases and Conditions. <i>Journal of Clinical Periodontology</i> , 2018, 45, S68-S77.         | 2.3 | 312       |
| 34 | Role of microbial biofilms in the maintenance of oral health and in the development of dental caries and periodontal diseases. Consensus report of group 1 of the Joint EFP/ORCA workshop on the boundaries between caries and periodontal disease. <i>Journal of Clinical Periodontology</i> , 2017, 44, S5-S11. | 2.3 | 273       |
| 35 | A genome-wide association study identifies nucleotide variants at SIGLEC5 and DEFA1A3 as risk loci for periodontitis. <i>Human Molecular Genetics</i> , 2017, 26, 2577-2588.  | 1.4 | 87        |
| 36 | The innate host response in caries and periodontitis. <i>Journal of Clinical Periodontology</i> , 2017, 44, 1215-1225.  | 2.3 | 78        |

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|----|--|-----|-----------|
| 37 | Dentale Traumatologie. Wissen Kompakt, 2017, 11, 1-2.  | 0.0 | 1         |
| 38 | Parodontitis und systemische Erkrankungen. Wissen Kompakt, 2016, 10, 82-84.  | 0.0 | 0         |
| 39 | Increased Periodontal Attachment Loss in Patients With Systemic Sclerosis. Journal of Periodontology, 2016, 87, 763-771.   | 1.7 | 25        |
| 40 | Bactericidal efficacy of tissue tolerable plasma on microrough titanium dental implants: An <i>in-vitro</i> -study. Journal of Biophotonics, 2016, 9, 637-644.   | 1.1 | 23        |
| 41 | Cold plasma: a novel approach to treat infected dentin—a combined ex vivo and in vitro study. Clinical Oral Investigations, 2016, 20, 2429-2435.   | 1.4 | 10        |
| 42 | The expression of human $\beta$ -defensins (hBD-1, hBD-2, hBD-3, hBD-4) in gingival epithelia. Archives of Oral Biology, 2016, 66, 15-21.  | 0.8 | 28        |
| 43 | Porphyromonas gingivalis Outer Membrane Vesicles Induce Selective Tumor Necrosis Factor Tolerance in a Toll-Like Receptor 4- and mTOR-Dependent Manner. Infection and Immunity, 2016, 84, 1194-1204.         | 1.0 | 35        |
| 44 | Diverse functions of defensins and other antimicrobial peptides in periodontal tissues. Periodontology 2000, 2015, 69, 96-110.   | 6.3 | 33        |
| 45 | Influence of histamine on the expression of CCL20 in human gingival fibroblasts. Journal of Periodontal Research, 2015, 50, 786-792.   | 1.4 | 5         |
| 46 | Neutrophil extracellular trap formation in supragingival biofilms. International Journal of Medical Microbiology, 2015, 305, 453-463.  | 1.5 | 54        |
| 47 | Genetic Evidence for <i>PLASMINOGEN</i> as a Shared Genetic Risk Factor of Coronary Artery Disease and Periodontitis. Circulation: Cardiovascular Genetics, 2015, 8, 159-167.                                | 5.1 | 74        |
| 48 | Expression of antimicrobial peptides and interleukin-8 during early stages of inflammation: An experimental gingivitis study. Journal of Periodontal Research, 2015, 50, 836-845.                            | 1.4 | 24        |
| 49 | Effect of growth factors on antimicrobial peptides and pro-inflammatory mediators during wound healing. Clinical Oral Investigations, 2015, 19, 209-220.   | 1.4 | 8         |
| 50 | Genome-wide exploration identifies sex-specific genetic effects of alleles upstream <i>NPY</i> to increase the risk of severe periodontitis in men. Journal of Clinical Periodontology, 2014, 41, 1115-1121. | 2.3 | 44        |
| 51 | Expression profiles for 14-3-3 zeta and CCL20 in pancreatic cancer and chronic pancreatitis. Pathology Research and Practice, 2014, 210, 335-341.  | 1.0 | 13        |
| 52 | Antimicrobial responses of primary gingival cells to <i>Porphyromonas gingivalis</i> . Journal of Clinical Periodontology, 2012, 39, 913-922.  | 2.3 | 29        |
| 53 | Toward the blood-borne miRNome of human diseases. Nature Methods, 2011, 8, 841-843.  | 9.0 | 339       |
| 54 | Phospholipase C, p38/MAPK, and NF- $\kappa$ B-mediated induction of MIP-3 $\alpha$ /CCL20 by <i>Porphyromonas gingivalis</i> . Innate Immunity, 2010, 16, 226-234.   | 1.1 | 22        |

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|----|--|-----|-----------|
| 55 | A genome-wide association study identifies GLT6D1 as a susceptibility locus for periodontitis. <i>Human Molecular Genetics</i> , 2010, 19, 553-562.  | 1.4 | 176       |
| 56 | SELDI-TOF-MS of gingival crevicular fluid—A methodological approach. <i>Archives of Oral Biology</i> , 2009, 54, 803-809.  | 0.8 | 24        |
| 57 | The immune response of oral epithelial cells induced by single-species and complex naturally formed biofilms. <i>Oral Microbiology and Immunology</i> , 2009, 24, 325-330.   | 2.8 | 35        |
| 58 | The stage of native biofilm formation determines the gene expression of human $\beta$ -defensin 2, psoriasin, ribonuclease 7 and inflammatory mediators: a novel approach for stimulation of keratinocytes with <i>in situ</i> formed biofilms. <i>Oral Microbiology and Immunology</i> , 2008, 23, 21-28. | 2.8 | 35        |
| 59 | Fluorescence-controlled Er:YAG laser for caries removal in permanent teeth: a randomized clinical trial. <i>European Journal of Oral Sciences</i> , 2008, 116, 170-176.  | 0.7 | 38        |
| 60 | Phosphatidylinositol 3-kinase inhibitor LY 294002 blocks <i>Streptococcus mutans</i> -induced interleukin (IL) 6 and IL 8 gene expression in odontoblast-like cells. <i>International Endodontic Journal</i> , 2008, 41, 763-771.  | 2.3 | 13        |
| 61 | Expression of Defensins in Gingiva and Their Role in Periodontal Health and Disease. <i>Current Pharmaceutical Design</i> , 2007, 13, 3073-3083.   | 0.9 | 83        |
| 62 | Protease-Activated Receptor 2 Mediates Human Beta-Defensin 2 and CC Chemokine Ligand 20 mRNA Expression in Response to Proteases Secreted by <i>Porphyromonas gingivalis</i> . <i>Infection and Immunity</i> , 2007, 75, 4326-4333.  | 1.0 | 71        |
| 63 | Immune regulatory functions of human beta-defensin-2 in odontoblast-like cells. <i>International Endodontic Journal</i> , 2007, 40, 300-307.   | 2.3 | 47        |
| 64 | Human beta-defensin (hBD-1, -2) expression in dental pulp. <i>Oral Microbiology and Immunology</i> , 2005, 20, 163-166.  | 2.8 | 62        |
| 65 | Differential gene expression of human beta-defensins (hBD-1, -2, -3) in inflammatory gingival diseases. <i>Oral Microbiology and Immunology</i> , 2005, 20, 186-190.   | 2.8 | 82        |
| 66 | The novel human beta-defensin-3 is widely expressed in oral tissues. <i>European Journal of Oral Sciences</i> , 2002, 110, 121-124.  | 0.7 | 156       |