

Henrik Dommisch

List of Publications by Year in descending order

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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	Treatment of stage I–III periodontitis–The EFP S3 level clinical practice guideline. Journal of Clinical Periodontology, 2020, 47, 4-60.	2.3	621
2	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. Journal of Periodontology, 2018, 89, S74-S84.	1.7	469
3	Toward the blood-borne miRNome of human diseases. Nature Methods, 2011, 8, 841-843.	9.0	339
4	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. Journal of Clinical Periodontology, 2018, 45, S68-S77.	2.3	312
5	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. Journal of Clinical Periodontology, 2017, 44, S5-S11.	2.3	273
6	A genome-wide association study identifies GLT6D1 as a susceptibility locus for periodontitis. Human Molecular Genetics, 2010, 19, 553-562.	1.4	176
7	The novel human beta-defensin-3 is widely expressed in oral tissues. European Journal of Oral Sciences, 2002, 110, 121-124.	0.7	156
8	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. Journal of Clinical Periodontology, 2019, 46, 82-91.	2.3	132
9	A genome-wide association study identifies nucleotide variants at SIGLEC5 and DEFA1A3 as risk loci for periodontitis. Human Molecular Genetics, 2017, 26, 2577-2588.	1.4	87
10	Effect of micronutrient malnutrition on periodontal disease and periodontal therapy. Periodontology 2000, 2018, 78, 129-153.	6.3	84
11	Expression of Defensins in Gingiva and Their Role in Periodontal Health and Disease. Current Pharmaceutical Design, 2007, 13, 3073-3083.	0.9	83
12	Differential gene expression of human beta-defensins (hBD-1, -2, -3) in inflammatory gingival diseases. Oral Microbiology and Immunology, 2005, 20, 186-190.	2.8	82
13	The innate host response in caries and periodontitis. Journal of Clinical Periodontology, 2017, 44, 1215-1225.	2.3	78
14	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
15	Protease-Activated Receptor 2 Mediates Human Beta-Defensin 2 and CC Chemokine Ligand 20 mRNA Expression in Response to Proteases Secreted by Porphyromonas gingivalis. Infection and Immunity, 2007, 75, 4326-4333.	1.0	71
16	Administration of systemic antibiotics during non-surgical periodontal therapy–a consensus report. Clinical Oral Investigations, 2019, 23, 3073-3085.	1.4	66
17	Human beta-defensin (hBD-1, -2) expression in dental pulp. Oral Microbiology and Immunology, 2005, 20, 163-166.	2.8	62
18	Meta-analysis of genome-wide association studies of aggressive and chronic periodontitis identifies two novel risk loci. European Journal of Human Genetics, 2019, 27, 102-113.	1.4	58

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19	Neutrophil extracellular trap formation in supragingival biofilms. <i>International Journal of Medical Microbiology</i> , 2015, 305, 453-463.	1.5	54
20	Immune regulatory functions of human beta-defensin-2 in odontoblast-like cells. <i>International Endodontic Journal</i> , 2007, 40, 300-307.	2.3	47
21	Genome-wide exploration identifies sex-specific genetic effects of alleles upstream <i><sc>NPY</sc></i> to increase the risk of severe periodontitis in men. <i>Journal of Clinical Periodontology</i> , 2014, 41, 1115-1121.	2.3	44
22	Effect of photodynamic therapy in combination with various irrigation protocols on an endodontic multispecies biofilm <i><ex vivo</i></i> . <i>International Endodontic Journal</i> , 2018, 51, e23-e34.	2.3	43
23	Resective surgery for the treatment of furcation involvement: A systematic review. <i>Journal of Clinical Periodontology</i> , 2020, 47, 375-391.	2.3	41
24	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
25	The stage of native biofilm formation determines the gene expression of human β -defensin-2, psoriasin, ribonuclease 7 and inflammatory mediators: a novel approach for stimulation of keratinocytes with <i><in situ</i></i> formed biofilms. <i>Oral Microbiology and Immunology</i> , 2008, 23, 21-28.	2.8	35
26	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
27	<i>Porphyromonas gingivalis</i> Outer Membrane Vesicles Induce Selective Tumor Necrosis Factor Tolerance in a Toll-Like Receptor 4- and mTOR-Dependent Manner. <i>Infection and Immunity</i> , 2016, 84, 1194-1204.	1.0	35
28	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
29	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
30	<i><Entamoeba gingivalis</i></i> Causes Oral Inflammation and Tissue Destruction. <i>Journal of Dental Research</i> , 2020, 99, 561-567.	2.5	35
31	Diverse functions of defensins and other antimicrobial peptides in periodontal tissues. <i>Periodontology 2000</i> , 2015, 69, 96-110.	6.3	33
32	Antimicrobial responses of primary gingival cells to <i><Porphyromonas gingivalis</i></i> . <i>Journal of Clinical Periodontology</i> , 2012, 39, 913-922.	2.3	29
33	The expression of human β -defensins (hBD-1, hBD-2, hBD-3, hBD-4) in gingival epithelia. <i>Archives of Oral Biology</i> , 2016, 66, 15-21.	0.8	28
34	Smoking Modifies the Genetic Risk for Early-Onset Periodontitis. <i>Journal of Dental Research</i> , 2019, 98, 1332-1339.	2.5	26
35	Increased Periodontal Attachment Loss in Patients With Systemic Sclerosis. <i>Journal of Periodontology</i> , 2016, 87, 763-771.	1.7	25
36	SELDI-TOF-MS of gingival crevicular fluid- A methodological approach. <i>Archives of Oral Biology</i> , 2009, 54, 803-809.	0.8	24

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37	Expression of antimicrobial peptides and interleukin-8 during early stages of inflammation: An experimental gingivitis study. <i>Journal of Periodontal Research</i> , 2015, 50, 836-845.	1.4	24
38	Bactericidal efficacy of tissue tolerable plasma on microrough titanium dental implants: An <i>in-vitro</i> -study. <i>Journal of Biophotonics</i> , 2016, 9, 637-644.	1.1	23
39	Phospholipase C, p38/MAPK, and NF- κ B-mediated induction of MIP-3 α /CCL20 by <i>Porphyromonas gingivalis</i> . <i>Innate Immunity</i> , 2010, 16, 226-234.	1.1	22
40	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
41	The guardians of the periodontium—sequential and differential expression of antimicrobial peptides during gingival inflammation. Results from <i>in vivo</i> and <i>in vitro</i> studies. <i>Journal of Clinical Periodontology</i> , 2019, 46, 276-285.	2.3	20
42	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
43	Expression profiles for 14-3-3 zeta and CCL20 in pancreatic cancer and chronic pancreatitis. <i>Pathology Research and Practice</i> , 2014, 210, 335-341.	1.0	13
44	Sex-specific genetic factors affect the risk of early-onset periodontitis in Europeans. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1404-1413.	2.3	13
45	<i>Entamoeba gingivalis</i> Exerts Severe Pathogenic Effects on the Oral Mucosa. <i>Journal of Dental Research</i> , 2021, 100, 771-776.	2.5	12
46	Comparison of three full-mouth concepts for the non-surgical treatment of stage III and IV periodontitis: A randomized controlled trial. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1516-1527.	2.3	12
47	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
48	Cold plasma: a novel approach to treat infected dentin—a combined <i>ex vivo</i> and <i>in vitro</i> study. <i>Clinical Oral Investigations</i> , 2016, 20, 2429-2435.	1.4	10
49	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
50	Reduction of dual-species biofilm after sonic or ultrasonic-activated irrigation protocols: A laboratory study. <i>International Endodontic Journal</i> , 2021, 54, 2219-2228.	2.3	9
51	Efficacy of tooth splinting and occlusal adjustment in patients with periodontitis exhibiting masticatory dysfunction: A systematic review. <i>Journal of Clinical Periodontology</i> , 2022, 49, 149-166.	2.3	9
52	Effect of growth factors on antimicrobial peptides and pro-inflammatory mediators during wound healing. <i>Clinical Oral Investigations</i> , 2015, 19, 209-220.	1.4	8
53	Comparison of five-year survival rates among patients with oral squamous cell carcinoma with and without association with syphilis: a retrospective case-control study. <i>BMC Cancer</i> , 2022, 22, 454.	1.1	8
54	Oxidative and Nitrosative Stress in Oral Squamous Cell Carcinoma. <i>Cells Tissues Organs</i> , 2020, 209, 120-127.	1.3	7

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55	Proteomic Analysis Reveals Upregulation of ACE2 (Angiotensin-Converting Enzyme 2), the Putative SARS-CoV-2 Receptor in Pressure- but Not Volume-Overloaded Human Hearts. <i>Hypertension</i> , 2020, 76, e41-e43.	1.3	6
56	Prolonged multimodal fasting modulates periodontal inflammation in female patients with metabolic syndrome: A prospective cohort study. <i>Journal of Clinical Periodontology</i> , 2021, 48, 492-502.	2.3	6
57	Characterization of an ester-based core-multishell (CMS) nanocarrier for the topical application at the oral mucosa. <i>Clinical Oral Investigations</i> , 2021, 25, 5795-5805.	1.4	6
58	Epigenetic adaptations of the masticatory mucosa to periodontal inflammation. <i>Clinical Epigenetics</i> , 2021, 13, 203.	1.8	6
59	Influence of histamine on the expression of CCL20 in human gingival fibroblasts. <i>Journal of Periodontal Research</i> , 2015, 50, 786-792.	1.4	5
60	BACH1 Binding Links the Genetic Risk for Severe Periodontitis with <i>ST8SIA1</i> . <i>Journal of Dental Research</i> , 2022, 101, 93-101.	2.5	5
61	Exome Sequencing of 5 Families with Severe Early-Onset Periodontitis. <i>Journal of Dental Research</i> , 2022, 101, 151-157.	2.5	5
62	hsa-miR-374b-5p regulates expression of the gene U2AF homology motif (UHM) kinase 1. <i>Journal of Periodontal Research</i> , 2021, 56, 1028-1036.	1.4	3
63	Periodontitis Risk Variants at <i>SIGLEC5</i> Impair ERG and MAFB Binding. <i>Journal of Dental Research</i> , 2022, 101, 551-558.	2.5	3
64	Dentale Traumatologie. <i>Wissen Kompakt</i> , 2017, 11, 1-2.	0.0	1
65	Novel Adhesive Nanocarriers Based on Mussel-Inspired Polyglycerols for the Application onto Mucosal Tissues. <i>Pharmaceutics</i> , 2022, 14, 940.	2.0	1
66	Parodontitis und systemische Erkrankungen. <i>Wissen Kompakt</i> , 2016, 10, 82-84.	0.0	0