

Jörg Eberhard

List of Publications by Year in descending order

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99
papers

2,767
citations

147801

31
h-index

206112

48
g-index

104
all docs

104
docs citations

104
times ranked

3319
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemiology and risk factors of peri-implantitis: A systematic review. <i>Journal of Periodontal Research</i> , 2018, 53, 657-681.	2.7	270
2	Efficacy of subgingival calculus removal with Er:YAG laser compared to mechanical debridement: an in situ study. <i>Journal of Clinical Periodontology</i> , 2003, 30, 511-518.	4.9	127
3	A systematic review of guided tissue regeneration for periodontal furcation defects. What is the effect of guided tissue regeneration compared with surgical debridement in the treatment of furcation defects?. <i>Journal of Clinical Periodontology</i> , 2002, 29, 103-116.	4.9	120
4	Calculus removal and the prevention of its formation. <i>Periodontology 2000</i> , 2011, 55, 167-188.	13.4	107
5	Validation of reported genetic risk factors for periodontitis in a large-scale replication study. <i>Journal of Clinical Periodontology</i> , 2013, 40, 563-572.	4.9	74
6	Probiotics affect the clinical inflammatory parameters of experimental gingivitis in humans. <i>European Journal of Clinical Nutrition</i> , 2011, 65, 857-863.	2.9	71
7	Antimicrobial dental implant functionalization strategies – A systematic review. <i>Dental Materials Journal</i> , 2016, 35, 545-558.	1.8	71
8	Evaluation of Selective Caries Removal by a Fluorescence Feedback-Controlled Er:YAG Laser in vitro. <i>Caries Research</i> , 2005, 39, 496-504.	2.0	70
9	Full-mouth treatment concepts for chronic periodontitis: a systematic review. <i>Journal of Clinical Periodontology</i> , 2008, 35, 591-604.	4.9	64
10	Alloying colloidal silver nanoparticles with gold disproportionately controls antibacterial and toxic effects. <i>Gold Bulletin</i> , 2014, 47, 83-93.	2.4	62
11	Flowable materials as an intermediate layer could improve the marginal and internal adaptation of composite restorations in Class-V-cavities. <i>Dental Materials</i> , 2006, 22, 250-257.	3.5	58
12	Pyrosequencing of supra- and subgingival biofilms from inflamed peri-implant and periodontal sites. <i>BMC Oral Health</i> , 2014, 14, 157.	2.3	58
13	Interaction between periodontal disease and atherosclerotic vascular disease – Fact or fiction?. <i>Atherosclerosis</i> , 2015, 241, 555-560.	0.8	58
14	Experimental Gingivitis Induces Systemic Inflammatory Markers in Young Healthy Individuals: A Single-Subject Interventional Study. <i>PLoS ONE</i> , 2013, 8, e55265.	2.5	52
15	Full-mouth treatment modalities (within 24 hours) for chronic periodontitis in adults. <i>The Cochrane Library</i> , 2015, 2015, CD004622.	2.8	49
16	Immune regulatory functions of human beta-defensin-2 in odontoblast-like cells. <i>International Endodontic Journal</i> , 2007, 40, 300-307.	5.0	47
17	Serum albumin reduces the antibacterial and cytotoxic effects of hydrogel-embedded colloidal silver nanoparticles. <i>RSC Advances</i> , 2012, 2, 7190.	3.6	47
18	Keratinized mucosa width is associated with severity of peri-implant mucositis. A cross-sectional study. <i>Clinical Oral Implants Research</i> , 2019, 30, 457-465.	4.5	46

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19	The association of periodontal disease with the complications of diabetes mellitus. A systematic review. <i>Diabetes Research and Clinical Practice</i> , 2020, 165, 108244.	2.8	44
20	Functional Characterization of <i>Escherichia coli</i> DNA Adenine Methyltransferase, a Novel Target for Antibiotics. <i>Journal of Biological Chemistry</i> , 2004, 279, 52075-52081.	3.4	43
21	Significant influence of scaler tip design on root substance loss resulting from ultrasonic scaling: a laserprofilometric in vitro study. <i>Journal of Clinical Periodontology</i> , 2004, 31, 1003-1006.	4.9	41
22	Local application of n ³ and n ⁶ polyunsaturated fatty acids in the treatment of human experimental gingivitis. <i>Journal of Clinical Periodontology</i> , 2002, 29, 364-369.	4.9	40
23	Evaluation of selective calculus removal by a fluorescence feedback-controlled Er:YAG laser in vitro. <i>Journal of Clinical Periodontology</i> , 2007, 34, 66-71.	4.9	40
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.	1.5	38
25	Metagenomic analysis of the peri-implant and periodontal microflora in patients with clinical signs of gingivitis or mucositis. <i>Clinical Oral Investigations</i> , 2012, 16, 843-850.	3.0	38
26	Interleukin-1 gene polymorphisms and experimental gingivitis. <i>Journal of Clinical Periodontology</i> , 2003, 30, 102-106.	4.9	37
27	Full-mouth disinfection for the treatment of adult chronic periodontitis. , 2008, , CD004622.		36
28	The stage of native biofilm formation determines the gene expression of human Î²-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
29	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
30	Laser Fluorescence Measurements Compared to Electrical Resistance of Residual Dentine in Excavated Cavities in vivo. <i>Caries Research</i> , 2007, 41, 135-140.	2.0	34
31	Poor dietary intake of nutrients and food groups are associated with increased risk of periodontal disease among community-dwelling older adults: a systematic literature review. <i>Nutrition Reviews</i> , 2020, 78, 175-188.	5.8	33
32	Cavity size difference after caries removal by a fluorescence-controlled Er:YAG laser and by conventional bur treatment. <i>Clinical Oral Investigations</i> , 2008, 12, 311-318.	3.0	32
33	Improvement of biological age by physical activity. <i>International Journal of Cardiology</i> , 2014, 176, 1187-1189.	1.7	32
34	Composition of Microbial Oral Biofilms during Maturation in Young Healthy Adults. <i>PLoS ONE</i> , 2014, 9, e87449.	2.5	29
35	Platelet-activating factor levels of serum and gingival crevicular fluid in nonsmoking patients with periodontitis and/or coronary heart disease. <i>Clinical Oral Investigations</i> , 2010, 14, 629-636.	3.0	26
36	Quantitation of Arachidonic Acid Metabolites in Small Tissue Biopsies by Reversed-Phase High-Performance Liquid Chromatography. <i>Analytical Biochemistry</i> , 2000, 280, 258-263.	2.4	25

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37	Biochemical and morphological analysis of dentin following selective caries removal with a fluorescence-controlled Er:YAG laser. <i>Lasers in Surgery and Medicine</i> , 2008, 40, 350-357.	2.1	25
38	<i>SLC23A1</i> polymorphism rs6596473 in the vitamin C transporter <i>SVCT1</i> is associated with aggressive periodontitis. <i>Journal of Clinical Periodontology</i> , 2014, 41, 531-540.	4.9	25
39	Development of a peri-implantitis model in the rat. <i>Clinical Oral Implants Research</i> , 2020, 31, 203-214.	4.5	25
40	SELDI-TOF-MS of gingival crevicular fluid—A methodological approach. <i>Archives of Oral Biology</i> , 2009, 54, 803-809.	1.8	24
41	Therapeutic Window of Ligand-Free Silver Nanoparticles in Agar-Embedded and Colloidal State: In Vitro Bactericidal Effects and Cytotoxicity. <i>Advanced Engineering Materials</i> , 2012, 14, B231.	3.5	24
42	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.	2.7	24
43	Digital Subtraction Radiography for Monitoring Dental Demineralization. <i>Caries Research</i> , 2000, 34, 219-224.	2.0	23
44	Evaluation of selective caries removal in deciduous teeth by a fluorescence feedback-controlled Er:YAG laser in vivo. <i>Clinical Oral Investigations</i> , 2008, 12, 209-215.	3.0	22
45	Diagnostic performance of swab PCR as an alternative to tissue culture methods for diagnosing infections associated with fracture fixation devices. <i>Injury</i> , 2016, 47, 1421-1426.	1.7	22
46	Moderate and severe periodontitis are independent risk factors associated with low cardiorespiratory fitness in sedentary non-smoking men aged between 45 and 65 years. <i>Journal of Clinical Periodontology</i> , 2014, 41, 31-37.	4.9	21
47	<i>Streptococcus mitis</i> and <i>Gemella haemolysans</i> were simultaneously found in atherosclerotic and oral plaques of elderly without periodontitis—a pilot study. <i>Clinical Oral Investigations</i> , 2017, 21, 447-452.	3.0	21
48	The effect of adjuvant oral irrigation on self-administered oral care in the management of peri-implant mucositis: A randomized controlled clinical trial. <i>Clinical Oral Implants Research</i> , 2020, 31, 946-958.	4.5	21
49	Role of PDGF-A/B Ligands in Cardiac Repair After Myocardial Infarction. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 669188.	3.7	21
50	The effect of the topical administration of bioactive glass on inflammatory markers of human experimental gingivitis. <i>Biomaterials</i> , 2005, 26, 1545-1551.	11.4	19
51	Immunolocalization of Lactoferrin in Healthy and Inflamed Gingival Tissues. <i>Journal of Periodontology</i> , 2006, 77, 472-478.	3.4	17
52	Evaluation of biofilm colonization on multi-part dental implants in a rat model. <i>BMC Oral Health</i> , 2021, 21, 313.	2.3	17
53	Periodontal parameters and platelet-activating factor levels in serum and gingival crevicular fluid in a Chinese population. <i>Journal of Clinical Periodontology</i> , 2006, 33, 797-802.	4.9	16
54	Periodontal Therapy for Improving Lipid Profiles in Patients with Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3826.	4.1	16

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55	Heat shock induces the synthesis of the inflammatory mediator leukotriene B4 in human pulp cells. <i>International Endodontic Journal</i> , 2005, 38, 882-888.	5.0	15
56	Oral health and cardiometabolic disease: understanding the relationship. <i>Internal Medicine Journal</i> , 2022, 52, 198-205.	0.8	15
57	Health- and disease-associated species clusters in complex natural biofilms determine the innate immune response in oral epithelial cells during biofilm maturation. <i>FEMS Microbiology Letters</i> , 2014, 360, 137-143.	1.8	14
58	The Peri-Implant and Periodontal Microbiota in Patients with and without Clinical Signs of Inflammation. <i>Dentistry Journal</i> , 2015, 3, 24-42.	2.3	14
59	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.	5.0	13
60	In Vitro Effects of <i>Streptococcus oralis</i> Biofilm on Peri-Implant Soft Tissue Cells. <i>Cells</i> , 2020, 9, 1226.	4.1	13
61	A randomized clinical trial to investigate the effect of dietary protein sources on periodontal health. <i>Journal of Clinical Periodontology</i> , 2022, 49, 388-400.	4.9	11
62	16S rDNA-based metagenomic analysis of human oral plaque microbiota in patients with atherosclerosis and healthy controls. <i>Indian Journal of Medical Microbiology</i> , 2012, 30, 462-466.	0.8	10
63	A review of the hours dedicated to oral health education in medical programmes across Australia. <i>Internal Medicine Journal</i> , 2018, 48, 1035-1040.	0.8	10
64	The Impact of Carbohydrate Quality on Dental Plaque pH: Does the Glycemic Index of Starchy Foods Matter for Dental Health?. <i>Nutrients</i> , 2021, 13, 2711.	4.1	10
65	Transcriptome-Wide High-Density Microarray Analysis Reveals Differential Gene Transcription in Periprosthetic Tissue From Hips With Chronic Periprosthetic Joint Infection vs Aseptic Loosening. <i>Journal of Arthroplasty</i> , 2017, 32, 234-240.	3.1	9
66	Probing depth is an independent risk factor for HbA1c levels in diabetic patients under physical training: a cross-sectional pilot-study. <i>BMC Oral Health</i> , 2018, 18, 46.	2.3	9
67	Periodontitis induces endothelial dysfunction in mice. <i>Scientific Reports</i> , 2021, 11, 14993.	3.3	9
68	Are Inflamed Periodontal Tissues Endogenous Source of Advanced Glycation End-Products (AGEs) in Individuals with and without Diabetes Mellitus? A Systematic Review. <i>Biomolecules</i> , 2022, 12, 642.	4.0	9
69	Cloning, sequence analysis and heterologous expression of the DNA adenine-(N6) methyltransferase from the human pathogen <i>Actinobacillus actinomycetemcomitans</i> . <i>FEMS Microbiology Letters</i> , 2001, 195, 223-229.	1.8	8
70	Effect of growth factors on antimicrobial peptides and pro-inflammatory mediators during wound healing. <i>Clinical Oral Investigations</i> , 2015, 19, 209-220.	3.0	8
71	Sucrose and starch intake contribute to reduced alveolar bone height in a rodent model of naturally occurring periodontitis. <i>PLoS ONE</i> , 2019, 14, e0212796.	2.5	8
72	Bacterial Challenge Stimulates Formation of Arachidonic Acid Metabolites by Human Keratinocytes and Neutrophils In Vitro. <i>Vaccine Journal</i> , 2002, 9, 132-137.	3.1	7

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73	Cysteine proteases from <i>Porphyromonas gingivalis</i> and TLR ligands synergistically induce the synthesis of the cytokine IL-8 in human artery endothelial cells. <i>Archives of Oral Biology</i> , 2011, 56, 1583-1591.	1.8	7
74	Full-mouth treatment modalities (within 24 hours) for periodontitis in adults. <i>The Cochrane Library</i> , 2022, 2022, .	2.8	7
75	The intermediate effect and the diagnostic accuracy in clinical case recall of students and experts in dental medicine. <i>European Journal of Dental Education</i> , 2009, 13, 128-134.	2.0	5
76	Automatic detection of periodontitis using intra-oral images. , 2017, 2017, 3906-3909.		5
77	Higher sensitivity of swab polymerase chain reaction compared with tissue cultures for diagnosing periprosthetic joint infection. <i>Journal of Orthopaedic Surgery</i> , 2018, 26, 230949901876529.	1.0	5
78	Effects of six month personalized endurance training on work ability in middle-aged sedentary women: a secondary analysis of a randomized controlled trial. <i>Journal of Occupational Medicine and Toxicology</i> , 2020, 15, 8.	2.2	5
79	The Effect of a Personalized Oral Health Education Program on Periodontal Health in an At-Risk Population: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 846.	2.6	5
80	Mass media campaigns for the promotion of oral health: a scoping review. <i>BMC Oral Health</i> , 2022, 22, 182.	2.3	5
81	Changes in the periodontal membrane due to apical periodontitis. <i>Journal of Endodontics</i> , 1999, 25, 486-489.	3.1	4
82	The oral cavity is not a primary source for implantable pacemaker or cardioverter defibrillator infections. <i>Journal of Cardiothoracic Surgery</i> , 2013, 8, 73.	1.1	4
83	Noninvasive in vivo imaging by confocal laser scanning microscopy of gingival tissues following natural plaque deposition. <i>Journal of Clinical Periodontology</i> , 2014, 41, 321-326.	4.9	4
84	General health benefits from good oral health. <i>Australian Dental Journal</i> , 2019, 64, 199-200.	1.5	4
85	Reduction of hsCRP levels following an Oral Health Education Program combined with routine dental treatment. <i>Journal of Dentistry</i> , 2021, 110, 103686.	4.1	4
86	DIFFERENTIAL IMPACT OF PERIODONTAL TREATMENT STRATEGIES DURING PREGNANCY ON PERINATAL OUTCOMES: A SYSTEMATIC REVIEW AND META-ANALYSIS. <i>Journal of Evidence-based Dental Practice</i> , 2022, 22, 101666.	1.5	4
87	The role of pathophysiological explanations in clinical case representations of dental students and experts. <i>European Journal of Dental Education</i> , 2009, 13, 58-65.	2.0	3
88	Differential epithelial cell response upon stimulation with the <i>Aggregatibacter actinomycetemcomitans</i> strains VT 1169, VT 1560 DAM-and ATCC 4318. <i>Epigenetics</i> , 2010, 5, 710-715.	2.7	3
89	Evaluation of FTA [®] Paper for Storage of Oral Meta-Genomic DNA. <i>Biopreservation and Biobanking</i> , 2014, 12, 337-342.	1.0	3
90	Plaque removing capacity of a novel high pressure water irrigator. <i>American Journal of Dentistry</i> , 2004, 17, 199-202.	0.1	3

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91	Does Treatment of Gingivitis During Pregnancy Improve Pregnancy Outcomes? A Systematic Review and Meta-Analysis. <i>Oral Health & Preventive Dentistry</i> , 2021, 19, 565-572.	0.5	3
92	Leukotriene A4-hydrolase expression and leukotriene B4 levels in chronic inflammation of bacterial origin. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2002, 440, 627-634.	2.8	2
93	The nutrition for healthy living study: A randomised clinical trial assessing the effect of protein sources on healthy ageing. <i>Nutrition and Healthy Aging</i> , 2019, 5, 43-51.	1.1	2
94	HAUCA Curves for the Evaluation of Biomarker Pilot Studies with Small Sample Sizes and Large Numbers of Features. <i>Lecture Notes in Computer Science</i> , 2016, , 356-367.	1.3	2
95	Use of ultrafast computed tomography in dental surgery: a case report. <i>Dental Traumatology</i> , 1995, 11, 297-300.	2.0	1
96	Adjunctive antimicrobial photodynamic therapy for treating periodontal and peri-implant diseases. <i>The Cochrane Library</i> , 2015, , .	2.8	1
97	Macronutrient-induced modulation of periodontitis in rodents—a systematic review. <i>Nutrition Reviews</i> , 2021, , .	5.8	1
98	Chlorhexidine versus topical fluoride treatment for the prevention and management of dental caries in children and adolescents. <i>The Cochrane Library</i> , 0, , .	2.8	0
99	Cloning, sequence analysis and heterologous expression of the DNA adenine-(N6) methyltransferase from the human pathogen <i>Actinobacillus actinomycetemcomitans</i> . <i>FEMS Microbiology Letters</i> , 2001, 195, 223-229.	1.8	0