Gunnar DahlÃ©n

List of Publications by Year
in descending order

100 papers	5,585 citations	87888 38 h-index	79698 73 g-index
100 all docs	100 docs citations	100 times ranked	3662 citing authors

#	Article	IF	Citations
1	The occurrence of Actinobacillus actinomycetemcomitans, Bacteroides gingivalis and Bacteroides intermedius in destructive periodontal disease in adults. Journal of Clinical Periodontology, 1986, 13, 570-577.	4.9	592
2	Microbial findings at failing implants. Clinical Oral Implants Research, 1999, 10, 339-345.	4.5	407
3	The capability of Actinobacillus actinomycetemcomitans, Bacteroides gingivalis and Bacteroides intermedius to indicate progressive periodontitis; a retrospective study. Journal of Clinical Periodontology, 1987, 14, 95-99.	4.9	274
4	Five-Year Clinical, Microbiological, and Radiological Outcome Following Treatment of Peri-Implantitis in Man. Journal of Periodontology, 2003, 74, 1415-1422.	3.4	268
5	Effect of root debridement on the elimination of Actinobacillus actinomycetemcomitans and Bacteroides gingivalis from periodontal pockets. Journal of Clinical Periodontology, 1990, 17, 345-350.	4.9	231
6	Influence on periapical tissues of indigenous oral bacteria and necrotic pulp tissue in monkeys. European Journal of Oral Sciences, 1981, 89, 475-484.	1.5	201
7	Actinobacillus actinomycetemcomitans, Bacteroides gingivalis and Bacteroides intermedius: predictors of attachment loss?. Oral Microbiology and Immunology, 1987, 2, 158-163.	2.8	150
8	Bacteria as Risk Markers for Periodontitis. Journal of Periodontology, 1994, 65, 498-510.	3.4	150
9	The effect of supragingival plaque control on the subgingival microbiota in subjects with periodontal disease. Journal of Clinical Periodontology, 1992, 19, 802-809.	4.9	148
10	Subgingival Microbiota in Adult Chinese: Prevalence and Relation to Periodontal Disease Progression. Journal of Periodontology, 1997, 68, 651-666.	3.4	135
11	On the inability of root debridement and periodontal surgery to eliminate Actinobacillus actinomycetemcomitans from periodontal pockets. Journal of Clinical Periodontology, 1990, 17, 351-355.	4.9	131
12	Porphyromonas gingivalis invades oral epithelial cells in vitro. Journal of Periodontal Research, 1993, 28, 219-227.	2.7	128
13	The clinical and microbiological effects of non-surgical periodontal therapy in smokers and non-smokers. Journal of Clinical Periodontology, 1998, 25, 153-157.	4.9	117
14	â€œCheckerboardâ€•versus culture: a comparison between two methods for identification of subgingival microbiota. European Journal of Oral Sciences, 1997, 105, 389-396.	1.5	110
15	Smoking and subgingival microflora in periodontal disease. Journal of Clinical Periodontology, 2001, 28, 212-219.	4.9	110
16	"Checkerboard" Assessments of Periodontal Microbiota and Serum Antibody Responses: A Case-Control Study. Journal of Periodontology, 2000, 71, 885-897.	3.4	106
17	Black-pigmented Bacteroides species and Actinobacillus actinomycetemcomitans in subgingival plaque of adult Kenyans. Journal of Clinical Periodontology, 1989, 16, 305-310.	4.9	95
18	Microbiology and treatment of dental abscesses and periodontal-endodontic lesions. Periodontology 2000, 2002, 28, 206-239.	13.4	94

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19	Importance of Virulence Factors for the Persistence of Oral Bacteria in the Inflamed Gingival Crevice and in the Pathogenesis of Periodontal Disease. Journal of Clinical Medicine, 2019, 8, 1339.	2.4	93
20	Periodic subgingival antimicrobial irrigation of periodontal pockets. II. Microbiological and radiographical observations. Journal of Clinical Periodontology, 1987, 14, 573-580.	4.9	85
21	Influence of combinations of oral bacteria on periapical tissues of monkeys. European Journal of Oral Sciences, 1982, 90, 200-206.	1.5	84
22	Periodic subgingival antimicrobial irrigation of periodontal pockets. (I). Clinical observations. Journal of Clinical Periodontology, 1987, 14, 541-550.	4.9	83
23	A follow-up study of peri-implantitis cases after treatment. Journal of Clinical Periodontology, 2011, 38, 864-871.	4.9	77
24	Detection of Actinobacillus actinomycetemcomitans and Bacteroides gingivalis in subgingival smears by the indirect fluorescent-antibody technique. Journal of Periodontal Research, 1985, 20, 613-620.	2.7	76
25	Site-specific O-Glycosylation on the MUC2 Mucin Protein Inhibits Cleavage by the Porphyromonas gingivalis Secreted Cysteine Protease (RgpB). Journal of Biological Chemistry, 2013, 288, 14636-14646.	3.4	69
26	Reproducibility of microbiological samples from periodontal pockets. Journal of Clinical Periodontology, 1990, 17, 73-77.	4.9	68
27	Progression of attachment loss is strongly associated with presence of the <scp>JP</scp>2 genotype of Aggregatibacter actinomycetemcomitans: a prospective cohort study of a young adolescent population. Journal of Clinical Periodontology, 2014, 41, 232-241.	4.9	64
28	Caries and Periodontitis: Contesting the Conventional Wisdom on Their Aetiology. Caries Research, 2018, 52, 548-564.	2.0	62
29	Bacterial infections of the oral mucosa. Periodontology 2000, 2009, 49, 13-38.	13.4	61
30	Effect of titanium on selected oral bacterial species in vitro. European Journal of Oral Sciences, 1995, 103, 382-387.	1.5	60
31	5-year follow up of periodontal intraosseous defects treated by root planing or flap surgery. Journal of Clinical Periodontology, 1990, 17, 356-363.	4.9	56
32	The oral microbiome in human immunodeficiency virus (HIV)-positive individuals. Journal of Medical Microbiology, 2015, 64, 1094-1101.	1.8	53
33	The effect of subgingival debridement on periodontal disease parameters and the subgingival microbiota. Journal of Clinical Periodontology, 1993, 20, 359-365.	4.9	52
34	Virulence factors and antibiotic susceptibility in enterococci isolated from oral mucosal and deep infections. Journal of Oral Microbiology, 2012, 4, 10855.	2.7	50
35	The proteins of Fusobacterium spp. involved in hydrogen sulfide production from L-cysteine. BMC Microbiology, 2017, 17, 61.	3.3	46
36	Effect of cleansing of biofilm formed on titanium discs. Clinical Oral Implants Research, 2015, 26, 931-936.	4.5	43

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37	Six-year Progression of Destructive Periodontal Disease in 2 Subgroups of Elderly Chinese. Journal of Periodontology, 1993, 64, 891-899.	3.4	41
38	Microorganisms on toothbrushes at day-care centers. Acta Odontologica Scandinavica, 1994, 52, 93-98.	1.6	41
39	Actinobacillus actinomycetemcomitans in a rural adult population in southern Thailand. Oral Microbiology and Immunology, 2002, 17, 137-142.	2.8	40
40	Bacterial markers vs. clinical markers to predict progression of chronic periodontitis: a 2â€yr prospective observational study. European Journal of Oral Sciences, 2013, 121, 394-402.	1.5	38
41	Microbiota in experimental periodontitis and periâ€implantitis in dogs. Clinical Oral Implants Research, 2014, 25, 1094-1098.	4.5	37
42	Estimation of bacterial hydrogen sulfide production in vitro. Journal of Oral Microbiology, 2015, 7, 28166.	2.7	35
43	Genotype variation and capsular serotypes ofPorphyromonas gingivalisfrom chronic periodontitis and periodontal abscesses. FEMS Microbiology Letters, 2007, 270, 75-81.	1.8	34
44	Interactions within a collection of eight bacterial stains isolated from a monkey dental root canal. Oral Microbiology and Immunology, 1987, 2, 164-170.	2.8	33
45	Experimental infections by Bacteroides gingivalis in non-immunized and immunized rabbits. Oral Microbiology and Immunology, 1989, 4, 6-11.	2.8	30
46	Microbiological diagnostics in oral diseases. Acta Odontologica Scandinavica, 2006, 64, 164-168.	1.6	27
47	The prevalence ofStaphylococcus aureus, Enterobacteriaceaespecies, andCandidaspecies and their relation to oral mucosal lesions in a group of 79-year-olds in GÃ¶teborg. Acta Odontologica Scandinavica, 1995, 53, 49-54.	1.6	26
48	Hydrogen sulfide exposure induces NLRP3 inflammasomeâ€dependent ILâ€1Î² and ILâ€18 secretion in human mononuclear leukocytes in vitro. Clinical and Experimental Dental Research, 2017, 3, 115-120.	1.9	25
49	The cultivable bacterial flora of the esophagus in subjects with esophagitis. Scandinavian Journal of Gastroenterology, 2018, 53, 650-656.	1.5	25
50	Microbiologic Observations After Four Treatment Strategies Among Patients With Periodontitis Maintaining a High Standard of Oral Hygiene: Secondary Analysis of a Randomized Controlled Clinical Trial. Journal of Periodontology, 2015, 86, 856-865.	3.4	23
51	Acid production and growth by oral Lactobacillus species in vitro. Journal of Investigative and Clinical Dentistry, 2012, 3, 56-61.	1.8	21
52	Subgingival bacteria in Ghanaian adolescents with or without progression of attachment loss. Journal of Oral Microbiology, 2014, 6, 23977.	2.7	21
53	Current concepts and an alternative perspective on periodontal disease. BMC Oral Health, 2020, 20, 235.	2.3	21
54	Determinants of dental status and caries among adults in southern Thailand. Acta Odontologica Scandinavica, 2002, 60, 80-86.	1.6	19

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55	A microbiological study in relation to the presence of caries and calculus. Acta Odontologica Scandinavica, 2010, 68, 199-206.	1.6	18
56	Endotoxic activities of lipopolysaccharides of microorganisms isolated from an infected root canal in Macaca cynomolgus. European Journal of Oral Sciences, 1977, 85, 272-278.	1.5	17
57	Aggregatibacter actinomycetemcomitans serotypes and DGGE subtypes in Thai adults with chronic periodontitis. Archives of Oral Biology, 2015, 60, 1789-1796.	1.8	17
58	Methodological issues in assessing the association between periodontitis and caries among adolescents. Community Dentistry and Oral Epidemiology, 2018, 46, 303-309.	1.9	17
59	Soluble urokinaseâ€type plasminogen activator receptor is associated with signs of periodontitis in adolescents. European Journal of Oral Sciences, 2018, 126, 292-299.	1.5	17
60	Evaluation of Potential Probiotic Properties of Lactobacillus and Bacillus Strains Derived from Various Sources for Their Potential Use in Swine Feeding. Probiotics and Antimicrobial Proteins, 2023, 15, 479-490.	3.9	17
61	The predominant microflora of the palatal mucosa in an elderly island population. Acta Odontologica Scandinavica, 1992, 50, 163-169.	1.6	16
62	Phenotype, genotype, and antibiotic susceptibility of Swedish and Thai oral isolates ofStaphylococcus aureus. Journal of Oral Microbiology, 2015, 7, 26250.	2.7	16
63	Clinical and Microbiological Effects of Subgingival Antimicrobial Irrigation With Citric Acid as Evaluated by an Enzyme Immunoassay and Culture Analysis. Journal of Periodontology, 1997, 68, 346-352.	3.4	15
64	Rapid urease test (RUT) for evaluation of urease activity in oral bacteria in vitro and in supragingival dental plaque ex vivo. BMC Oral Health, 2018, 18, 89.	2.3	15
65	Subgingival microbial consortia and the clinical features of periodontitis in adolescents. European Journal of Oral Sciences, 2011, 119, 455-462.	1.5	14
66	Subgingival microorganisms and bacterial virulence factors in periodontitis. European Journal of Oral Sciences, 1985, 93, 119-127.	1.5	13
67	Pro-inflammatory cytokine responses in human gingival epithelial cells after stimulation with cell wall extract of Aggregatibacter actinomycetemcomitans subtypes. Anaerobe, 2017, 48, 103-109.	2.1	13
68	Oral microflora in betel-chewing adults of the Karen tribe in Thailand. Anaerobe, 2010, 16, 331-336.	2.1	12
69	Necrobacillosis in humans. Expert Review of Anti-Infective Therapy, 2011, 9, 227-236.	4.4	12
70	H₂S mediates increased interleukin (IL)-1Î² and IL-18 production in leukocytes from patients with periodontitis. Journal of Oral Microbiology, 2019, 11, 1617015.	2.7	12
71	pH and bacterial profile of dental plaque in children and adults of a low caries population. Anaerobe, 2014, 27, 64-70.	2.1	11
72	Nonâ€odontogenic infections in dentistry. Periodontology 2000, 2009, 49, 7-12.	13.4	10

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73	Subgingival bacterial clusters and serum antibody response as markers of extent and severity of periodontitis in adult Chinese. European Journal of Oral Sciences, 2016, 124, 179-187.	1.5	10
74	Nonâ€oral, aerobic, Gramâ€negative bacilli in the oral cavity of Thai HIV â€positive patients on Highlyâ€active antiâ€retrovirus therapy medication. Journal of Investigative and Clinical Dentistry, 2019, 10, e12387.	1.8	10
75	Effect of antimicrobial mouthrinses on salivary microflora in healthy subjects. European Journal of Oral Sciences, 1984, 92, 38-42.	1.5	9
76	Highlyâ€active antiretroviral therapy and oral opportunistic microorganisms in <scp>HIV</scp>â€positive individuals of Thailand. Journal of Investigative and Clinical Dentistry, 2016, 7, 158-167.	1.8	9
77	The furcation tunnel preparationâ€”A prospective 5â€year followâ€up study. Journal of Clinical Periodontology, 2019, 46, 659-668.	4.9	9
78	Periodontitis phenotypes and clinical response patterns to nonâ€surgical periodontal therapy: reflections on the new periodontitis classification. European Journal of Oral Sciences, 2020, 128, 55-65.	1.5	9
79	Effect of biofilm formation on implant abutments with an antiâ€bacterial coating: A preâ€clinical in vivo study. Clinical Oral Implants Research, 2021, 32, 756-766.	4.5	9
80	Detection of Periodontal Markers in Chronic Periodontitis. Open Dentistry Journal, 2011, 5, 110-115.	0.5	9
81	Mechanical removal of biofilm on titanium discs: An in vitro study. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 1044-1055.	3.4	9
82	Virulence of Aggregatibacter actinomycetemcomitans serotypes and DGGE subtypes isolated from chronic adult periodontitis in Thailand. Anaerobe, 2015, 36, 60-64.	2.1	8
83	Biofilms in Dental Unit Water Lines. Monographs in Oral Science, 2021, 29, 12-18.	1.8	8
84	Dental plaque pH and ureolytic activity in children and adults of a low caries population. Acta Odontologica Scandinavica, 2014, 72, 194-201.	1.6	7
85	Antimicrobial Effect of a Single Dose of Amoxicillin on the Oral Microbiota. Clinical Implant Dentistry and Related Research, 2016, 18, 699-706.	3.7	7
86	Presence of Helicobacter pylori and Campylobacter ureolyticus in the oral cavity of a Northern Thailand population that experiences stomach pain. Journal of Oral Microbiology, 2018, 10, 1527655.	2.7	6
87	Water quality in water lines of dental units in the public dental health service in GÃ¶teborg, Sweden. Swedish Dental Journal, 2009, 33, 161-72.	0.7	6
88	Periodontal disease in a remote Asian population: association between clinical and microbiological parameters. Journal of Investigative and Clinical Dentistry, 2016, 7, 246-253.	1.8	5
89	In vitro evaluation of chemical decontamination of titanium discs. Scientific Reports, 2021, 11, 22753.	3.3	5
90	Bacterial Virulence Factors that Contribute to Periodontal Pathogenesis. , 2018, , 31-49.		4

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91	Oral Lactobacillus strains reduce cytotoxicity and cytokine release from peripheral blood mononuclear cells exposed to Aggregatibacter actinomycetemcomitans subtypes in vitro. BMC Microbiology, 2020, 20, 279.	3.3	4
92	Prescription of antibiotics in dentistry - a report from the Swedish STRAMA work. Journal of Oral Microbiology, 2017, 9, 1325230.	2.7	3
93	A comparative study on periodontitis and periodontitisâ€associated bacteria in Somali and nonâ€Somali children and adolescents living in TrollhÃttan, Sweden. European Journal of Oral Sciences, 2022, 130, e12843.	1.5	3
94	Circulating antibodies after experimental chronic infection in the root canal of teeth in monkeys. European Journal of Oral Sciences, 1982, 90, 338-344.	1.5	2
95	Recurrence of angular cheilitis. European Journal of Oral Sciences, 1988, 96, 360-365.	1.5	2
96	Oral microflora in preschool children attending a fluoride varnish program: a cross-sectional study. BMC Oral Health, 2016, 16, 130.	2.3	2
97	Immune response in rats against lipopolysaccharides of Fusobacterium nucleatum and Bacteroides oralis administered in the root canal. European Journal of Oral Sciences, 1980, 88, 122-129.	1.5	1
98	The secretion of cytokines by peripheral blood mononuclear cells of patients with periodontitis and healthy controls when exposed to H₂S. Journal of Oral Microbiology, 2021, 13, 1957368.	2.7	1
99	Reproducibility of microbiological samples from periodontal pockets. Journal of Clinical Pharmacy and Therapeutics, 1992, 17, 73-77.	1.5	0
100	On the inability of root debridement and periodontal surgery to eliminate Actinobacillus actinomycetemcomitans from periodontal pockets. Journal of Clinical Pharmacy and Therapeutics, 1992, 17, 351-355.	1.5	0