

Svante Twetman

List of Publications by Year in descending order

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111
papers

6,002
citations

81900

39
h-index

76900

74
g-index

113
all docs

113
docs citations

113
times ranked

5270
citing authors

#	ARTICLE	IF	CITATIONS
1	Dental caries. Nature Reviews Disease Primers, 2017, 3, 17030.	30.5	958
2	Early childhood caries epidemiology, aetiology, risk assessment, societal burden, management, education, and policy: Global perspective. International Journal of Paediatric Dentistry, 2019, 29, 238-248.	1.8	325
3	Interaction of lifestyle, behaviour or systemic diseases with dental caries and periodontal diseases: consensus report of group 2 of the joint <sc>EFP</sc>/<sc>ORCA</sc> workshop on the boundaries between caries and periodontal diseases. Journal of Clinical Periodontology, 2017, 44, S39-S51.	4.9	306
4	Salivary mutans streptococci and lactobacilli levels after ingestion of the probiotic bacterium <i>Lactobacillus reuteri</i> ATCC 55730 by straws or tablets. Acta Odontologica Scandinavica, 2006, 64, 314-318.	1.6	243
5	Cariesâ€ preventive effect of fluoride toothpaste: a systematic review. Acta Odontologica Scandinavica, 2003, 61, 347-355.	1.6	236
6	Short-term effect of chewing gums containing probiotic <i>Lactobacillus reuteri</i> on the levels of inflammatory mediators in gingival crevicular fluid. Acta Odontologica Scandinavica, 2009, 67, 19-24.	1.6	204
7	Effect of yogurt with <i>Bifidobacterium</i> DN-173 010 on salivary mutans streptococci and lactobacilli in young adults. Acta Odontologica Scandinavica, 2005, 63, 317-320.	1.6	163
8	Antimicrobials in Future Caries Control?. Caries Research, 2004, 38, 223-229.	2.0	134
9	Short-term effect of ice-cream containing <i>Bifidobacterium lactis</i> Bb-12 on the number of salivary mutans streptococci and lactobacilli. Acta Odontologica Scandinavica, 2008, 66, 154-158.	1.6	128
10	Reduction of salivary mutans streptococci in orthodontic patients during daily consumption of yoghurt containing probiotic bacteria. European Journal of Orthodontics, 2009, 31, 407-411.	2.4	127
11	Treatment of post-orthodontic white spot lesions with casein phosphopeptide-stabilised amorphous calcium phosphate. Clinical Oral Investigations, 2011, 15, 369-373.	3.0	126
12	Oral health in children and adolescents with different socio-cultural and socio-economic backgrounds. Acta Odontologica Scandinavica, 2010, 68, 34-42.	1.6	115
13	Bacterial profiles of saliva in relation to diet, lifestyle factors, and socioeconomic status. Journal of Oral Microbiology, 2014, 6, 23609.	2.7	114
14	Application of quantitative lightâ€ induced fluorescence to monitor incipient lesions in cariesâ€ active children. A comparative study of remineralisation by fluoride varnish and professional cleaning. European Journal of Oral Sciences, 2001, 109, 71-75.	1.5	106
15	Growth inhibition of oral mutans streptococci and candida by commercial probiotic lactobacilli - an in vitro study. BMC Oral Health, 2010, 10, 18.	2.3	105
16	CariesCare practice guide: consensus on evidence into practice. British Dental Journal, 2019, 227, 353-362.	0.6	104
17	Patient Caries Risk Assessment. Monographs in Oral Science, 2009, 21, 91-101.	1.8	101
18	Probiotics and oral health effects in children. International Journal of Paediatric Dentistry, 2008, 18, 3-10.	1.8	100

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19	Reversal of primary root caries lesions after daily intake of milk supplemented with fluoride and probiotic lactobacilli in older adults. <i>Acta Odontologica Scandinavica</i> , 2011, 69, 321-327.	1.6	86
20	Prevention of dental caries as a non-communicable disease. <i>European Journal of Oral Sciences</i> , 2018, 126, 19-25.	1.5	81
21	Caries-preventive effect of sodium fluoride mouthrinses: a systematic review of controlled clinical trials. <i>Acta Odontologica Scandinavica</i> , 2004, 62, 223-230.	1.6	79
22	Understanding dental caries as a non-communicable disease. <i>British Dental Journal</i> , 2021, 231, 749-753.	0.6	79
23	Critical Appraisal of Oral Pre- and Probiotics for Caries Prevention and Care. <i>Caries Research</i> , 2019, 53, 514-526.	2.0	75
24	Effect of a dental cream containing amorphous cream phosphate complexes on white spot lesion regression assessed by laser fluorescence. <i>Oral Health & Preventive Dentistry</i> , 2007, 5, 229-33.	0.5	75
25	Co-aggregation and growth inhibition of probiotic lactobacilli and clinical isolates of mutans streptococci: An <i>in vitro</i> study. <i>Acta Odontologica Scandinavica</i> , 2011, 69, 263-268.	1.6	72
26	Validation of an age-modified caries risk assessment program (Cariogram) in preschool children. <i>Acta Odontologica Scandinavica</i> , 2009, 67, 106-112.	1.6	70
27	Coaggregation between probiotic bacteria and caries-associated strains: An <i>in vitro</i> study. <i>Acta Odontologica Scandinavica</i> , 2009, 67, 284-288.	1.6	66
28	Risk assessment – can we achieve consensus?. <i>Community Dentistry and Oral Epidemiology</i> , 2013, 41, e64-70.	1.9	64
29	Probiotic <i>Lactobacillus reuteri</i> has antifungal effects on oral <i>Candida</i> species <i>in vitro</i> . <i>Journal of Oral Microbiology</i> , 2017, 9, 1274582.	2.7	64
30	A Review on Prevention and Treatment of Post-Orthodontic White Spot Lesions - Evidence-Based Methods and Emerging Technologies. <i>Open Dentistry Journal</i> , 2011, 5, 158-162.	0.5	63
31	Short-term consumption of probiotic lactobacilli has no effect on acid production of supragingival plaque. <i>Clinical Oral Investigations</i> , 2012, 16, 797-803.	3.0	55
32	Effect of probiotic chewing tablets on early childhood caries – a randomized controlled trial. <i>BMC Oral Health</i> , 2015, 15, 112.	2.3	54
33	Adjunct methods for caries detection: A systematic review of literature. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 388-397.	1.6	50
34	Management of post-orthodontic white spot lesions: an updated systematic review. <i>European Journal of Orthodontics</i> , 2016, 39, cjw023.	2.4	50
35	Caries risk assessment in school children using a reduced Cariogram model without saliva tests. <i>BMC Oral Health</i> , 2010, 10, 5.	2.3	49
36	Effectiveness of high-fluoride toothpaste on enamel demineralization during orthodontic treatment—a multicenter randomized controlled trial. <i>European Journal of Orthodontics</i> , 2014, 36, 678-682.	2.4	49

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37	Oral microflora in infants delivered vaginally and by caesarean section. International Journal of Paediatric Dentistry, 2011, 21, 401-406.	1.8	48
38	The dlt genes play a role in antimicrobial tolerance of Streptococcus mutans biofilms. International Journal of Antimicrobial Agents, 2016, 48, 298-304.	2.5	45
39	Caries prevalence in children with cleft lip and palate ? a systematic review of case?control studies. International Journal of Paediatric Dentistry, 2007, 17, 313-319.	1.8	44
40	Caries-preventive effect of an oral health program for preschool children in a low socio-economic, multicultural area in Sweden: Results after one year. Acta Odontologica Scandinavica, 2005, 63, 163-167.	1.6	38
41	Consistent evidence to support the use of xylitol- and sorbitol-containing chewing gum to prevent dental caries. Evidence-Based Dentistry, 2009, 10, 10-11.	0.8	36
42	Are we ready for caries prevention through bacteriotherapy?. Brazilian Oral Research, 2012, 26, 64-70.	1.4	36
43	Fluoride varnish for the prevention of white spot lesions during orthodontic treatment with fixed appliances: a randomized controlled trial. European Journal of Orthodontics, 2020, 42, 326-330.	2.4	36
44	Evidence of Effectiveness of Current Therapies to Prevent and Treat Early Childhood Caries. Pediatric Dentistry (discontinued), 2015, 37, 246-53.	0.4	34
45	Differentiation of salivary bacterial profiles of subjects with periodontitis and dental caries. Journal of Oral Microbiology, 2015, 7, 27429.	2.7	32
46	Caries risk profiles in schoolchildren over 2â€fyears assessed by Cariogram. International Journal of Paediatric Dentistry, 2010, 20, 341-346.	1.8	31
47	Tobacco use and caries risk among adolescents â€“ a longitudinal study in Sweden. BMC Oral Health, 2013, 13, 31.	2.3	31
48	Fluoride Rinses, Gels and Foams: An Update of Controlled Clinical Trials. Caries Research, 2016, 50, 38-44.	2.0	31
49	Effect of the probiotic bacterium <i>Lactobacillus reuteri</i> on white spot lesion development in orthodontic patients. European Journal of Orthodontics, 2016, 38, 85-89.	2.4	31
50	Oral microbial profiles of individuals with different levels of sugar intake. Journal of Oral Microbiology, 2017, 9, 1355207.	2.7	30
51	Oxidative stress response plays a role in antibiotic tolerance of Streptococcus mutans biofilms. Microbiology (United Kingdom), 2019, 165, 334-342.	1.8	30
52	Geo-mapping of time trends in childhood caries risk a method for assessment of preventive care. BMC Oral Health, 2012, 12, 9.	2.3	28
53	Comparing caries risk profiles between 5- and 10- year-old children with cleft lip and/or palate and non-cleft controls. BMC Oral Health, 2015, 15, 85.	2.3	28
54	Caries risk assessment in young adults: a 3 year validation of the Cariogram model. BMC Oral Health, 2015, 15, 17.	2.3	25

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55	Microbiological profiles in saliva and supragingival plaque from caries-active adolescents before and after a short-term daily intake of milk supplemented with probiotic bacteria - a pilot study. <i>Oral Health & Preventive Dentistry</i> , 2010, 8, 383-8.	0.5	23
56	Caries associated microflora in plaque from orthodontic appliances retained with glass ionomer cement. <i>European Journal of Oral Sciences</i> , 1992, 100, 140-143.	1.5	22
57	Geo-mapping of caries risk in children and adolescents - a novel approach for allocation of preventive care. <i>BMC Oral Health</i> , 2011, 11, 26.	2.3	21
58	<i>Lactobacillus reuteri</i> supplements do not affect salivary IgA or cytokine levels in healthy subjects: A randomized, double-blind, placebo-controlled, cross-over trial. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 399-404.	1.6	21
59	Progress in Early Childhood Caries and Opportunities in Research, Policy, and Clinical Management. <i>Pediatric Dentistry (discontinued)</i> , 2015, 37, 294-9.	0.4	21
60	Detection of Non-Cavitated Occlusal Caries with Impedance Spectroscopy and Laser Fluorescence: an In Vitro Study. <i>Open Dentistry Journal</i> , 2014, 8, 28-32.	0.5	20
61	Influence of mode of delivery, family and nursing determinants on early childhood caries development: a prospective cohort study. <i>Acta Odontologica Scandinavica</i> , 2018, 76, 595-599.	1.6	20
62	Caries prevalence and enamel defects in 5- and 10-year-old children with cleft lip and/or palate: A case-control study. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 90-95.	1.6	19
63	Whole-Saliva Fluoride Levels and Saturation Indices in 65+ Elderly during Use of Four Different Toothpaste Regimens. <i>Caries Research</i> , 2015, 49, 489-498.	2.0	17
64	Effect of <i>Lactobacillus reuteri</i> on Cell Viability and PGE2 Production in Human Gingival Fibroblasts. <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 278-283.	3.9	17
65	Caries prevalence in Danish pre-school children delivered vaginally and by caesarean section. <i>Acta Odontologica Scandinavica</i> , 2012, 70, 190-193.	1.6	16
66	Economic aspects of the detection of occlusal dentine caries. <i>Acta Odontologica Scandinavica</i> , 2009, 67, 38-43.	1.6	15
67	Effect of Fluoride and Chlorhexidine Digluconate Mouthrinses on Plaque Biofilms. <i>Open Dentistry Journal</i> , 2015, 9, 106-111.	0.5	14
68	Effect of fluoridated milk on enamel demineralization adjacent to fixed orthodontic appliances . <i>Acta Odontologica Scandinavica</i> , 2013, 71, 464-468.	1.6	12
69	Salivary microflora and mode of delivery: a prospective case control study. <i>BMC Oral Health</i> , 2015, 15, 155.	2.3	12
70	Effect of xylitol-containing chewing gums on lactic acid production in dental plaque from caries active pre-school children. <i>Oral Health & Preventive Dentistry</i> , 2003, 1, 195-9.	0.5	12
71	Prevention of caries with probiotic bacteria during early childhood. Promising but inconsistent findings. <i>American Journal of Dentistry</i> , 2016, 29, 127-31.	0.1	12
72	Effect of an antibacterial varnish on lactic acid production in plaque adjacent to fixed orthodontic appliances. <i>Clinical Oral Investigations</i> , 2001, 5, 118-121.	3.0	11

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73	A prospective study of perinatal and metabolic risk factors for early childhood caries. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 2356-2361.	1.5	11
74	KNOWLEDGE GAPS IN ORAL AND MAXILLOFACIAL SURGERY: A SYSTEMATIC MAPPING. <i>International Journal of Technology Assessment in Health Care</i> , 2017, 33, 93-102.	0.5	10
75	Probiotic supplements containing <i>Lactobacillus reuteri</i> does not affect the levels of matrix metalloproteinases and interferons in oral wound healing. <i>BMC Research Notes</i> , 2018, 11, 759.	1.4	10
76	Urinary fluoride excretion after application of fluoride varnish and use of fluoride toothpaste in young children. <i>International Journal of Paediatric Dentistry</i> , 2017, 27, 463-468.	1.8	9
77	Effect of Lozenges Containing <i>Lactobacillus reuteri</i> on the Severity of Recurrent Aphthous Ulcers: a Pilot Study. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 819-823.	3.9	9
78	Systematic review suggests a relationship between moderate to late preterm birth and early childhood caries. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 2472-2478.	1.5	9
79	Awareness, knowledge and treatment decisions for erosive tooth wear: A case-based questionnaire among Danish dentists. <i>Clinical and Experimental Dental Research</i> , 2021, 7, 56-62.	1.9	9
80	Effect of a school-based preventive program with salivary <i>lactobacillus</i> counts as sugar-motivating tool on caries increment in adolescents. <i>Acta Odontologica Scandinavica</i> , 2001, 59, 88-92.	1.6	8
81	Treatment Protocols: Nonfluoride Management of the Caries Disease Process and Available Diagnostics. <i>Dental Clinics of North America</i> , 2010, 54, 527-540.	1.8	8
82	Cariogram caries risk profiles in adolescent orthodontic patients with and without some salivary variables. <i>Angle Orthodontist</i> , 2014, 84, 891-895.	2.4	8
83	Tobacco use and caries increment in young adults: a prospective observational study. <i>BMC Research Notes</i> , 2019, 12, 218.	1.4	8
84	Validation of different Cariogram settings and factor combinations in preschool children from areas with high caries risk. <i>International Journal of Paediatric Dentistry</i> , 2019, 29, 448-455.	1.8	8
85	Impact of Probiotics on the Salivary Microbiota and Salivary Levels of Inflammation-Related Proteins during Short-Term Sugar Stress: A Randomized Controlled Trial. <i>Pathogens</i> , 2021, 10, 392.	2.8	7
86	Caries risk profiles in 2- to 6-year-old Greek children using the Cariogram. <i>European Journal of Dentistry</i> , 2012, 06, 415-421.	1.7	6
87	Fluoridated salt for caries prevention and control – a 2-year field study in a disadvantaged community. <i>International Journal of Paediatric Dentistry</i> , 2014, 24, 161-167.	1.8	6
88	Relationship between risk assessment and payment models in Swedish Public Dental Service: a prospective study. <i>BMC Oral Health</i> , 2017, 17, 40.	2.3	6
89	Effect of risk-based payment model on caries inequalities in preschool children assessed by geo-mapping. <i>BMC Oral Health</i> , 2018, 18, 3.	2.3	6
90	Fluoride varnish for white spot lesion prevention during orthodontic treatment: results of a randomized controlled trial 1 year after debonding. <i>European Journal of Orthodontics</i> , 2021, 43, 473-477.	2.4	6

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91	Evidence for the efficacy of various methods of treating white-spot lesions after debonding of fixed orthodontic appliances. <i>Journal of Clinical Orthodontics: JCO</i> , 2003, 37, 19-21.	0.1	6
92	Visual Inspection Displays Good Accuracy for Detecting Caries Lesions. <i>Journal of Evidence-based Dental Practice</i> , 2015, 15, 182-184.	1.5	5
93	Monitoring regression of post-orthodontic lesions with impedance spectroscopy: a pilot study. <i>European Journal of Orthodontics</i> , 2019, 41, 415-419.	2.4	5
94	Clinical Effect of Two Fluoride Varnishes in Caries-Active Preschool Children: A Randomized Controlled Trial. <i>Caries Research</i> , 2021, 55, 137-143.	2.0	5
95	Probiotics Do Not Alter the Long-Term Stability of the Supragingival Microbiota in Healthy Subjects: A Randomized Controlled Trial. <i>Pathogens</i> , 2021, 10, 391.	2.8	5
96	Validation of Three Caries Risk Assessment Tools for Preschool Children From Areas with High Caries Prevalence. <i>Pediatric Dentistry (discontinued)</i> , 2019, 41, 391-399.	0.4	5
97	Inactivation of the <i>pgmA</i> Gene in <i>Streptococcus mutans</i> Significantly Decreases Biofilm-Associated Antimicrobial Tolerance. <i>Microorganisms</i> , 2019, 7, 310.	3.6	4
98	<i>Lactobacillus rhamnosus</i> strains of oral and vaginal origin show strong antifungal activity in vitro. <i>Journal of Oral Microbiology</i> , 2020, 12, 1832832.	2.7	4
99	Caries risk assessment with the "Bangkok checklist"™ in preschool children: A prospective cohort study. <i>International Journal of Paediatric Dentistry</i> , 2022, 32, 82-89.	1.8	4
100	Caries Risk Assessment. , 2020, , 89-100.		4
101	Probiotic Interventions for Oral Health. , 2021, , 253-270.		3
102	Lysis of <i>Streptococcus mutans</i> BHT by salivary lysozyme. <i>European Journal of Oral Sciences</i> , 1983, 91, 274-280.	1.5	2
103	Fluoridated milk may be beneficial to schoolchildren by helping prevent caries. <i>Evidence-Based Dentistry</i> , 2005, 6, 88-88.	0.8	2
104	Oral microflora in preschool children attending a fluoride varnish program: a cross-sectional study. <i>BMC Oral Health</i> , 2016, 16, 130.	2.3	2
105	Influence of bacterial cell concentration and inorganic anions on lysis of <i>Streptococcus mutans</i> BHT by salivary lysozyme. <i>European Journal of Oral Sciences</i> , 1984, 92, 533-538.	1.5	1
106	Salivary <i>mutans streptococci</i> in 6-year-old children from a multicultural suburban area after attending an oral health program. <i>European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry</i> , 2008, 9, 94-97.	1.9	1
107	Comparison of two chair-side tests for enumeration of <i>Mutans Streptococci</i> in saliva. <i>Oral Health and Dental Management</i> , 2014, 13, 580-3.	0.7	1
108	Letters to the editor. <i>Evidence-Based Dentistry</i> , 2009, 10, 36-36.	0.8	0

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109	Creating research and development awareness among dental care professionals by use of strategic communication: a 12-year intervention study. BMC Oral Health, 2017, 17, 164.	2.3	0
110	Dental Caries and General Health in Children and Adults. , 2016, , 9-17.		0
111	Teknologier til tidlig diagnostik af okklusal caries. Aktuel Nordisk Odontologi, 2019, 44, 185-197.	0.1	0