

# Eva SÄnderling

## List of Publications by Year in descending order

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57  
papers

1,373  
citations

430874

18  
h-index

395702

33  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1558  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial effects of a bioactive glass paste on oral microorganisms. <i>Acta Odontologica Scandinavica</i> , 1998, 56, 161-165.	1.6	333
2	Interactions between the bioactive glass S53P4 and the atrophic rhinitis-associated microorganism <i>Klebsiella ozaenae</i> . , 1999, 48, 869-874.		63
3	Early plaque formation on fibre-reinforced composites in vivo. <i>Clinical Oral Investigations</i> , 2005, 9, 154-160.	3.0	63
4	Adsorption of parotid saliva proteins and adhesion of <i>Streptococcus mutans</i> ATCC 21752 to dental fiber-reinforced composites. , 2003, 66B, 391-398.		59
5	Preparation of antibacterial and radio-opaque dental resin with new polymerizable quaternary ammonium monomer. <i>Dental Materials</i> , 2015, 31, 575-582.	3.5	50
6	Associations between salivary calcium and oral health. <i>Journal of Clinical Periodontology</i> , 1998, 25, 915-919.	4.9	49
7	Effects of xylitol, xylitol sorbitol, and placebo chewing gums on the plaque of habitual xylitol consumers. <i>European Journal of Oral Sciences</i> , 1997, 105, 170-177.	1.5	48
8	Adherence of <i>Streptococcus mutans</i> to an E-glass fiber-reinforced composite and conventional restorative materials used in prosthetic dentistry. , 2000, 49, 250-256.		46
9	<i>Bifidobacteria</i> inhibit the growth of <i>Porphyromonas gingivalis</i> but not of <i>Streptococcus mutans</i> in an in vitro biofilm model. <i>European Journal of Oral Sciences</i> , 2016, 124, 251-258.	1.5	40
10	Effect of estradiol on planktonic growth, coaggregation, and biofilm formation of the <i>Prevotella intermedia</i> group bacteria. <i>Anaerobe</i> , 2014, 27, 7-13.	2.1	39
11	Six-month polyol chewing-gum programme in kindergarten-age children: a feasibility study focusing on <i>Streptococcus mutans</i> and dental plaque. <i>International Dental Journal</i> , 2005, 55, 81-88.	2.6	35
12	The Effect of Xylitol on the Composition of the Oral Flora: A Pilot Study. <i>European Journal of Dentistry</i> , 2011, 05, 024-031.	1.7	35
13	Synthesis of antibacterial and radio-opaque dimethacrylate monomers and their potential application in dental resin. <i>Dental Materials</i> , 2014, 30, 968-976.	3.5	35
14	Biochemical, microbiologic, and clinical comparisons between two dentifrices that contain different mixtures of sugar alcohols. <i>Journal of the American Dental Association</i> , 1985, 111, 745-751.	1.5	34
15	Persistent oral human papillomavirus infection is associated with smoking and elevated salivary immunoglobulin G concentration. <i>Journal of Clinical Virology</i> , 2014, 61, 101-106.	3.1	31
16	Effects of short-term xylitol gum chewing on the oral microbiome. <i>Clinical Oral Investigations</i> , 2015, 19, 237-244.	3.0	30
17	Probiotic intervention influences the salivary levels of Matrix Metalloproteinase (MMP)-9 and Tissue Inhibitor of metalloproteinases (TIMP)-1 in healthy adults. <i>Archives of Oral Biology</i> , 2018, 85, 58-63.	1.8	22
18	Betaine-containing toothpaste relieves subjective symptoms of dry mouth. <i>Acta Odontologica Scandinavica</i> , 1998, 56, 65-69.	1.6	21

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19	Xylitol and erythritol inhibit real-time biofilm formation of <i>Streptococcus mutans</i> . <i>BMC Microbiology</i> , 2020, 20, 184.	3.3	21
20	Comparative study on mineralization-related intraoral parameters in periodontitis-affected and periodontitis-free adults. <i>European Journal of Oral Sciences</i> , 1990, 98, 305-312.	1.5	19
21	Effects of xylitol and erythritol consumption on <i>mutans streptococci</i> and the oral microbiota: a systematic review. <i>Acta Odontologica Scandinavica</i> , 2020, 78, 599-608.	1.6	18
22	The effect of xylitol on the composition of the oral flora: a pilot study. <i>European Journal of Dentistry</i> , 2011, 5, 24-31.	1.7	18
23	The alkaline and antibacterial effect of seven Ca(OH) <sub>2</sub> liners in vitro. <i>Acta Odontologica Scandinavica</i> , 1984, 42, 93-98.	1.6	17
24	Supplementation of xylitol-containing chewing gum with probiotics: a double blind, randomised pilot study focusing on saliva flow and saliva properties. <i>Food and Function</i> , 2016, 7, 1601-1609.	4.6	15
25	Effect of variations in sucrose consumption on salivary lactobacillus count and sucrase activity in man. <i>Acta Odontologica Scandinavica</i> , 1987, 45, 289-296.	1.6	14
26	TiO <sub>2</sub> Coating and UV Photofunctionalization Enhance Blood Coagulation on Zirconia Surfaces. <i>BioMed Research International</i> , 2019, 2019, 1-9.	1.9	14
27	Aminopeptidase B-like enzymes in leukocytes. <i>FEBS Letters</i> , 1977, 76, 219-225.	2.8	13
28	Does estradiol have an impact on the dipeptidyl peptidase IV enzyme activity of the <i>Prevotella intermedia</i> group bacteria?. <i>Anaerobe</i> , 2015, 36, 14-18.	2.1	13
29	The alkaline and antibacterial effect of seven Ca(OH) <sub>2</sub> liners in vitro. <i>Acta Odontologica Scandinavica</i> , 1984, 42, 93-98.	1.6	13
30	Ultraviolet photofunctionalization of nanostructured titanium surfaces enhances thrombogenicity and platelet response. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 56.	3.6	12
31	Effects of xylitol chewing gum and candies on the accumulation of dental plaque: a systematic review. <i>Clinical Oral Investigations</i> , 2022, 26, 119-129.	3.0	12
32	Effect of Xylitol on Some Food-Spoilage Microorganisms. <i>Journal of Food Science</i> , 1981, 46, 950-951.	3.1	10
33	Xylitol-induced changes of enamel microhardness paralleled by microradiographic observations. <i>Acta Odontologica Scandinavica</i> , 1993, 51, 241-246.	1.6	10
34	Salivary flow rate, buffer effect, sodium, and amylase in adolescents: a longitudinal study. <i>European Journal of Oral Sciences</i> , 1993, 101, 98-102.	1.5	10
35	Protein composition, adhesion, and agglutination properties of saliva in burning mouth syndrome. <i>European Journal of Oral Sciences</i> , 1993, 101, 215-218.	1.5	9
36	Increased proliferation and decreased membrane permeability as defense mechanisms of <i>Fusobacterium nucleatum</i> against human neutrophilic peptide-1. <i>Anaerobe</i> , 2014, 30, 35-40.	2.1	9

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37	Dipeptidyl peptidase IV and quorum sensing signaling in biofilm-related virulence of <i>Prevotella aurantiaca</i> . <i>Anaerobe</i> , 2017, 48, 152-159.	2.1	9
38	Turku sugar studies XXI: Xylitol-, sorbitol-, fructose- and sucrose-induced physico-chemical changes in saliva. <i>Acta Odontologica Scandinavica</i> , 1976, 34, 397-403.	1.6	8
39	Uptake and expulsion of <sup>14</sup> C-xylitol by xylitol-cultured <i>Streptococcus mutans</i> ATCC 25175 in vitro. <i>European Journal of Oral Sciences</i> , 1989, 97, 511-519.	1.5	8
40	Molecular forms and concentration of fibronectin and fibrin in human gingival crevicular fluid before and after periodontal treatment. <i>European Journal of Oral Sciences</i> , 1993, 101, 375-381.	1.5	8
41	Growth of xylitol-resistant versus xylitol-sensitive <i>Streptococcus mutans</i> strains in saliva. <i>Acta Odontologica Scandinavica</i> , 1998, 56, 116-121.	1.6	8
42	Antimicrobial efficacy and mechanical properties of BAC-modified hard and soft denture liners. <i>Odontology / the Society of the Nippon Dental University</i> , 2018, 106, 83-89.	1.9	8
43	Regulation of hBD-2, hBD-3, hCAP18/LL37, and Proinflammatory Cytokine Secretion by Human Milk Oligosaccharides in an Organotypic Oral Mucosal Model. <i>Pathogens</i> , 2021, 10, 739.	2.8	7
44	Weekly variation in the acidogenic response of plaque. <i>Acta Odontologica Scandinavica</i> , 1990, 48, 229-232.	1.6	6
45	Effect of xylitol-containing carbohydrate mixtures on acid and ammonia production in suspensions of salivary sediment. <i>European Journal of Oral Sciences</i> , 1987, 95, 405-410.	1.5	5
46	Air Abrasion with Bioactive Glass Eradicates <i>Streptococcus mutans</i> Biofilm from a Sandblasted and Acid-Etched Titanium Surface. <i>Journal of Oral Implantology</i> , 2019, 45, 444-450.	1.0	5
47	A Rapid and Simple Method for Purification of the Chloride-Activated Arginine Aminopeptidase from Biological Materials. <i>Preparative Biochemistry and Biotechnology</i> , 1980, 10, 191-203.	0.5	3
48	Effect of repeated sampling and prestimulation on saliva buffer capacity and flow rate values in children. <i>European Journal of Oral Sciences</i> , 1991, 99, 505-509.	1.5	3
49	Early Biofilm Formation on UV Light Activated Nanoporous TiO <sub>2</sub> Surfaces <i>In Vivo</i> . <i>International Journal of Biomaterials</i> , 2018, 2018, 1-8.	2.4	3
50	Aggregation of human salivary Ca-proteinates in the presence of simple carbohydrates in vitro. <i>European Journal of Oral Sciences</i> , 1986, 94, 125-131.	1.5	2
51	Xylitol as a Plaque-Control Agent in Military Conditions. <i>Military Medicine</i> , 1995, 160, 256-258.	0.8	2
52	Effect of xylitol-, sucrose-, and water-rinses on the composition of human palatine gland secretions. <i>European Journal of Oral Sciences</i> , 1985, 93, 253-261.	1.5	1
53	Vascular and cellular responses to guanidino propyl piperazine CK0569A, a new anti-plaque agent. <i>European Journal of Oral Sciences</i> , 1987, 95, 104-111.	1.5	1
54	Current-induced effects on growth and adhesion properties of <i>Streptococcus mutans</i> in vitro. <i>European Journal of Oral Sciences</i> , 1989, 97, 338-345.	1.5	1

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55	Distribution and forms of iodine in human oral cavity. European Journal of Oral Sciences, 1980, 88, 430-435.	1.5	0
56	Comparison of polyclonal and monoclonal antibodies to Actinomyces and Arachnia species. European Journal of Oral Sciences, 1987, 95, 136-143.	1.5	0
57	Interference of oral hygiene products with an adhesion-based assay of salivary mutans streptococci. European Journal of Oral Sciences, 1991, 99, 113-116.	1.5	0