Peter S Zilm

List of Publications by Year in Descending Order

65 papers	1,412 citations	23 h-index	34 g-index
68 ext. papers	1,661 ext. citations	3.5 avg, IF	4.39 L-index

#	Paper	IF	Citations
65	Spiked Nanostructures Disrupt Fungal Biofilm and Impart Increased Sensitivity to Antifungal Treatment (Adv. Mater. Interfaces 12/2022). *Advanced Materials Interfaces*, **2022**, 9, 2270065	4.6	
64	Development and characterization of an oral microbiome transplant among Australians for the treatment of dental caries and periodontal disease: A study protocol. *PLoS ONE*, **2021**, 16, e0260433	3.7	4
63	Bioactive Plasma Coatings on Orthodontic Brackets: In Vitro Metal Ion Release and Cytotoxicity. *Coatings*, **2021**, 11, 857	2.9	0
62	Disruption of Enterococcus Faecalis biofilms using individual and plasma polymer encapsulated D-amino acids. *Clinical Oral Investigations*, **2021**, 25, 3305-3313	4.2	1
61	Comparison of the Biocidal Efficacy of Sodium Dichloroisocyanurate and Calcium Hydroxide as Intracanal Medicaments over a 7-Day Contact Time: An Ex□Vivo Study. *Journal of Endodontics*, **2020**, 46, 1273-1278	4.7	4
60	Novel Research Models for Small Colony Variants (SCV) Development: Co-pathogenesis and Growth Rate. *Frontiers in Microbiology*, **2020**, 11, 321	5.7	10
59	Probiotic Lactobacillus Rhamnosus GG Protects Against P. Gingivalis And F. Nucleatum Gut Dysbiosis. *Journal of the International Academy of Periodontology*, **2020**, 22, 18-27	0.9	6
58	Core-in-cage structure regulated properties of ultra-small gold nanoparticles. *Nanoscale Advances*, **2019**,	5.1	5
57	Efficacy of laser and ultrasonic-activated irrigation on eradicating a mixed-species biofilm in human mesial roots. *Australian Endodontic Journal*, **2019**, 45, 317-324	1.7	5
56	A colourimetric evaluation of the effect of bacterial contamination on teeth stained with blood in□vitro: Evaluation of the efficacy of two different bleaching regimes. *Australian Dental Journal*, **2018**, 63, 253-260	2.3	2
55	Investigation of the effect of rapid and slow external pH increases on Enterococcus faecalis biofilm grown on dentine. *Australian Dental Journal*, **2018**, 63, 224-230	2.3	0
54	"Chocolate" Gold Nanoparticles-One Pot Synthesis and Biocompatibility. *Nanomaterials*, **2018**, 8,	5.4	12
53	Silver nanoparticle modified surfaces induce differentiation of mouse kidney-derived stem cells.. *RSC Advances*, **2018**, 8, 20334-20340	3.7	3
52	Antimicrobial properties of calcium hydroxide dressing when used for long-term application: A systematic review. *Australian Endodontic Journal*, **2018**, 44, 60-65	1.7	13
51	Comparative efficacy of endodontic medicaments and sodium hypochlorite against Enterococcus faecalis biofilms. *Australian Dental Journal*, **2018**, 63, 208-216	2.3	14
50	Association between Extracellular Material and Biofilm Formation in Response to Sodium Hypochlorite by Clinical Isolates of Enterococcus faecalis. *Journal of Endodontics*, **2018**, 44, 269-273	4.7	6
49	Probiotic Lactobacillus rhamnosus GG prevents alveolar bone loss in a mouse model of experimental periodontitis. *Journal of Clinical Periodontology*, **2018**, 45, 204-212	7.7	46

48	Specific growth conditions induce a Streptococcus pneumoniae non-mucoidal, small colony variant and determine the outcome of its co-culture with Haemophilus influenzae. *Pathogens and Disease*, **2018**, 76,	4.2	6
47	D-amino acids reduce Enterococcus faecalis biofilms in vitro and in the presence of antimicrobials used for root canal treatment. *PLoS ONE*, **2017**, 12, e0170670	3.7	30
46	Efficacy of low concentrations of sodium hypochlorite and low-powered Er,Cr:YSGG laser activated irrigation against an Enterococcus faecalis biofilm. *International Endodontic Journal*, **2016**, 49, 279-86	5.4	28
45	Isolation and identification of Enterococcus faecalis membrane proteins using membrane shaving, 1D SDS/PAGE, and mass spectrometry. *FEBS Open Bio*, **2016**, 6, 586-93	2.7	11
44	Investigation of the Cell Surface Proteome of Human Periodontal Ligament Stem Cells. *Stem Cells International*, **2016**, 2016, 1947157	5	15
43	TChocolateTsilver nanoparticles: Synthesis, antibacterial activity and cytotoxicity. *Journal of Colloid and Interface Science*, **2016**, 482, 151-158	9.3	55
42	Prolonged growth of a clinical Staphylococcus aureus strain selects for a stable small-colony-variant cell type. *Infection and Immunity*, **2015**, 83, 470-81	3.7	26
41	Clonal diversity in biofilm formation by Enterococcus faecalis in response to environmental stress associated with endodontic irrigants and medicaments. *International Endodontic Journal*, **2015**, 48, 210-9	5.4	24
40	Abnormal pregnancy outcomes in mice using an induced periodontitis model and the haematogenous migration of Fusobacterium nucleatum sub-species to the murine placenta. *PLoS ONE*, **2015**, 10, e0120050	3.7	19
39	The effect of sodium hypochlorite on Enterococcus faecalis when grown on dentine as a single- and multi-species biofilm. *Australian Endodontic Journal*, **2014**, 40, 101-10	1.7	13
38	Qualitative comparison of sonic or laser energisation of 4% sodium hypochlorite on an Enterococcus faecalis biofilm grown in vitro. *Australian Endodontic Journal*, **2012**, 38, 100-6	1.7	17
37	A proteomic investigation of Fusobacterium nucleatum alkaline-induced biofilms. *BMC Microbiology* , **2012**, 12, 189	4.5	27
36	Proteomic identification of proteinase inhibitors in the porcine enamel matrix derivative, EMD( ). *Journal of Periodontal Research*, **2011**, 46, 111-7	4.3	15
35	Proteomic characterization of mesenchymal stem cell-like populations derived from ovine periodontal ligament, dental pulp, and bone marrow: analysis of differentially expressed proteins. *Stem Cells and Development*, **2010**, 19, 1485-99	4.4	60
34	Effect of alkaline growth pH on the expression of cell envelope proteins in Fusobacterium nucleatum. *Microbiology (United Kingdom)*, **2010**, 156, 1783-1794	2.9	19
33	Dengue virus infection induces upregulation of GRP78, which acts to chaperone viral antigen production. *Journal of Virology*, **2009**, 83, 12871-80	6.6	72
32	Effect of dietary omega-3 polyunsaturated fatty acids on experimental periodontitis in the mouse. *Journal of Periodontal Research*, **2009**, 44, 211-6	4.3	38
31	The use of live-animal micro-computed tomography to determine the effect of a novel phospholipase A2 inhibitor on alveolar bone loss in an in vivo mouse model of periodontitis. *Journal of Periodontal Research*, **2009**, 44, 317-22	4.3	22

30	The inability of Streptococcus mutans and Lactobacillus acidophilus to form a biofilm in vitro on dentine pretreated with ozone. *Australian Dental Journal*, **2008**, 53, 349-53	2.3	21
29	Co-adhesion and biofilm formation by Fusobacterium nucleatum in response to growth pH. *Anaerobe*, **2007**, 13, 146-52	2.8	37
28	The proteomic profile of Fusobacterium nucleatum is regulated by growth pH. *Microbiology (United Kingdom)*, **2007**, 153, 148-59	2.9	18
27	Differences between normal and demineralized dentine pretreated with silver fluoride and potassium iodide after an in vitro challenge by Streptococcus mutans. *Australian Dental Journal*, **2007**, 52, 16-21	2.3	43
26	An in vitro investigation of marginal dentine caries abutting composite resin and glass ionomer cement restorations. *Australian Dental Journal*, **2007**, 52, 187-92	2.3	15
25	An in vitro model to measure the effect of a silver fluoride and potassium iodide treatment on the permeability of demineralized dentine to Streptococcus mutans. *Australian Dental Journal*, **2005**, 50, 242-5	2.3	48
24	Studies on NADH oxidase and alkyl hydroperoxide reductase produced by Porphyromonas gingivalis. *Oral Microbiology and Immunology*, **2004**, 19, 137-43		25
23	Microbiological evaluation of endodontic files after cleaning and steam sterilization procedures. *Australian Dental Journal*, **2004**, 49, 122-7	2.3	18
22	A SEM evaluation of debris removal from endodontic files after cleaning and steam sterilization procedures. *Australian Dental Journal*, **2004**, 49, 128-35	2.3	25
21	Changes in growth and polyglucose synthesis in response to fructose metabolism by Fusobacterium nucleatum grown in continuous culture. *Oral Microbiology and Immunology*, **2003**, 18, 260-2		4
20	Growth pH and transient increases in amino acid availability influence polyglucose synthesis by Fusobacterium nucleatum grown in continuous culture. *FEMS Microbiology Letters*, **2002**, 215, 203-8	2.9	11
19	Fusobacterium nucleatum supports the growth of Porphyromonas gingivalis in oxygenated and carbon-dioxide-depleted environments. *Microbiology (United Kingdom)*, **2002**, 148, 467-472	2.9	145
18	Sodium ion-driven serine/threonine transport in Porphyromonas gingivalis. *Journal of Bacteriology*, **2001**, 183, 4142-8	3.5	32
17	The response to oxidative stress of Fusobacterium nucleatum grown in continuous culture. *FEMS Microbiology Letters*, **2000**, 187, 31-4	2.9	36
16	The behaviour of Fusobacterium nucleatum chemostat-grown in glucose- and amino acid-based chemically defined media. *Anaerobe*, **1998**, 4, 111-6	2.8	21
15	The influence of intracellular polyglucose and prior growth rate on the survival of Fusobacterium nucleatum under starvation conditions. *Oral Microbiology and Immunology*, **1995**, 10, 119-21		8
14	The breakdown and utilization of peptides by strains of Fusobacterium nucleatum. *Oral Microbiology and Immunology*, **1992**, 7, 299-303		26
13	Identification of components in Fusobacterium nucleatum chemostat-culture supernatants that are potent inhibitors of human gingival fibroblast proliferation. *Journal of Periodontal Research*, **1991**, 26, 314-22	4.3	33

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12	Effects of pulsing with xylitol on mixed continuous cultures of oral streptococci. *Australian Dental Journal*, **1991**, 36, 231-5	2.3	23
11	Aspects of the growth and metabolism of Fusobacterium nucleatum ATCC 10953 in continuous culture. *Oral Microbiology and Immunology*, **1991**, 6, 250-5		37
10	Factors affecting peptide catabolism by oral streptococci. *Oral Microbiology and Immunology*, **1991**, 6, 72-5		7
9	Some aspects of protease production by a strain of Streptococcus sanguis. *Oral Microbiology and Immunology*, **1990**, 5, 72-6		14
8	Some aspects of arginine assimilation in a strain ofStreptococcus sanguis. *Current Microbiology*, **1990**, 20, 19-22	2.4	2
7	Response of a Streptococcus sanguis strain to arginine-containing peptides. *Infection and Immunity*, **1988**, 56, 687-92	3.7	28
6	Response to L-sorbose of oral streptococci grown in continuous culture. *Caries Research*, **1987**, 21, 215-24	4.2	1
5	Influence of arginine on the coexistence ofStreptococcus mutans andS. milleri in glucose-limited mixed continuous culture. *Microbial Ecology*, **1987**, 14, 193-202	4.4	19
4	The utilisation of arginine by oral streptococci grown glucose-limited in a chemostat. *FEMS Microbiology Letters*, **1986**, 37, 9-13	2.9	22
3	Estimation of growth parameters for some oral bacteria grown in continuous culture under glucose-limiting conditions. *Infection and Immunity*, **1986**, 52, 897-901	3.7	27
2	The effect of growth rate on the adhesion of the oral bacteria Streptococcus mutans and Streptococcus milleri. *Archives of Oral Biology*, **1984**, 29, 147-50	2.8	16
1	Spiked Nanostructures Disrupt Fungal Biofilm and Impart Increased Sensitivity to Antifungal Treatment. *Advanced Materials Interfaces*,2102353	4.6	1