

Peter S Zilm

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Fusobacterium nucleatum supports the growth of Porphyromonas gingivalis in oxygenated and carbon-dioxide-depleted environments. <i>Microbiology (United Kingdom)</i> , 2002 , 148, 467-472	2.9	145
64	Dengue virus infection induces upregulation of GRP78, which acts to chaperone viral antigen production. <i>Journal of Virology</i> , 2009 , 83, 12871-80	6.6	72
63	Proteomic characterization of mesenchymal stem cell-like populations derived from ovine periodontal ligament, dental pulp, and bone marrow: analysis of differentially expressed proteins. <i>Stem Cells and Development</i> , 2010 , 19, 1485-99	4.4	60
62	Chocolate silver nanoparticles: Synthesis, antibacterial activity and cytotoxicity. <i>Journal of Colloid and Interface Science</i> , 2016 , 482, 151-158	9.3	55
61	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. <i>Australian Dental Journal</i> , 2005 , 50, 242-5	2.3	48
60	Probiotic Lactobacillus rhamnosus GG prevents alveolar bone loss in a mouse model of experimental periodontitis. <i>Journal of Clinical Periodontology</i> , 2018 , 45, 204-212	7.7	46
59	Differences between normal and demineralized dentine pretreated with silver fluoride and potassium iodide after an in vitro challenge by Streptococcus mutans. <i>Australian Dental Journal</i> , 2007 , 52, 16-21	2.3	43
58	Effect of dietary omega-3 polyunsaturated fatty acids on experimental periodontitis in the mouse. <i>Journal of Periodontal Research</i> , 2009 , 44, 211-6	4.3	38
57	Co-adhesion and biofilm formation by Fusobacterium nucleatum in response to growth pH. <i>Anaerobe</i> , 2007 , 13, 146-52	2.8	37
56	Aspects of the growth and metabolism of Fusobacterium nucleatum ATCC 10953 in continuous culture. <i>Oral Microbiology and Immunology</i> , 1991 , 6, 250-5		37
55	The response to oxidative stress of Fusobacterium nucleatum grown in continuous culture. <i>FEMS Microbiology Letters</i> , 2000 , 187, 31-4	2.9	36
54	Identification of components in Fusobacterium nucleatum chemostat-culture supernatants that are potent inhibitors of human gingival fibroblast proliferation. <i>Journal of Periodontal Research</i> , 1991 , 26, 314-22	4.3	33
53	Sodium ion-driven serine/threonine transport in Porphyromonas gingivalis. <i>Journal of Bacteriology</i> , 2001 , 183, 4142-8	3.5	32
52	D-amino acids reduce Enterococcus faecalis biofilms in vitro and in the presence of antimicrobials used for root canal treatment. <i>PLoS ONE</i> , 2017 , 12, e0170670	3.7	30
51	Efficacy of low concentrations of sodium hypochlorite and low-powered Er,Cr:YSGG laser activated irrigation against an Enterococcus faecalis biofilm. <i>International Endodontic Journal</i> , 2016 , 49, 279-86	5.4	28
50	Response of a Streptococcus sanguis strain to arginine-containing peptides. <i>Infection and Immunity</i> , 1988 , 56, 687-92	3.7	28
49	A proteomic investigation of Fusobacterium nucleatum alkaline-induced biofilms. <i>BMC Microbiology</i> , 2012 , 12, 189	4.5	27

48	Estimation of growth parameters for some oral bacteria grown in continuous culture under glucose-limiting conditions. <i>Infection and Immunity</i> , 1986 , 52, 897-901	3.7	27
47	Prolonged growth of a clinical <i>Staphylococcus aureus</i> strain selects for a stable small-colony-variant cell type. <i>Infection and Immunity</i> , 2015 , 83, 470-81	3.7	26
46	The breakdown and utilization of peptides by strains of <i>Fusobacterium nucleatum</i> . <i>Oral Microbiology and Immunology</i> , 1992 , 7, 299-303		26
45	Studies on NADH oxidase and alkyl hydroperoxide reductase produced by <i>Porphyromonas gingivalis</i> . <i>Oral Microbiology and Immunology</i> , 2004 , 19, 137-43		25
44	A SEM evaluation of debris removal from endodontic files after cleaning and steam sterilization procedures. <i>Australian Dental Journal</i> , 2004 , 49, 128-35	2.3	25
43	Clonal diversity in biofilm formation by <i>Enterococcus faecalis</i> in response to environmental stress associated with endodontic irrigants and medicaments. <i>International Endodontic Journal</i> , 2015 , 48, 210-9 ^{5.4}		24
42	Effects of pulsing with xylitol on mixed continuous cultures of oral streptococci. <i>Australian Dental Journal</i> , 1991 , 36, 231-5	2.3	23
41	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. <i>Journal of Periodontal Research</i> , 2009 , 44, 317-22	4.3	22
40	The utilisation of arginine by oral streptococci grown glucose-limited in a chemostat. <i>FEMS Microbiology Letters</i> , 1986 , 37, 9-13	2.9	22
39	The behaviour of <i>Fusobacterium nucleatum</i> chemostat-grown in glucose- and amino acid-based chemically defined media. <i>Anaerobe</i> , 1998 , 4, 111-6	2.8	21
38	The inability of <i>Streptococcus mutans</i> and <i>Lactobacillus acidophilus</i> to form a biofilm in vitro on dentine pretreated with ozone. <i>Australian Dental Journal</i> , 2008 , 53, 349-53	2.3	21
37	Abnormal pregnancy outcomes in mice using an induced periodontitis model and the haematogenous migration of <i>Fusobacterium nucleatum</i> sub-species to the murine placenta. <i>PLoS ONE</i> , 2015 , 10, e0120050	3.7	19
36	Influence of arginine on the coexistence of <i>Streptococcus mutans</i> and <i>S. milleri</i> in glucose-limited mixed continuous culture. <i>Microbial Ecology</i> , 1987 , 14, 193-202	4.4	19
35	Effect of alkaline growth pH on the expression of cell envelope proteins in <i>Fusobacterium nucleatum</i> . <i>Microbiology (United Kingdom)</i> , 2010 , 156, 1783-1794	2.9	19
34	The proteomic profile of <i>Fusobacterium nucleatum</i> is regulated by growth pH. <i>Microbiology (United Kingdom)</i> , 2007 , 153, 148-59	2.9	18
33	Microbiological evaluation of endodontic files after cleaning and steam sterilization procedures. <i>Australian Dental Journal</i> , 2004 , 49, 122-7	2.3	18
32	Qualitative comparison of sonic or laser energisation of 4% sodium hypochlorite on an <i>Enterococcus faecalis</i> biofilm grown in vitro. <i>Australian Endodontic Journal</i> , 2012 , 38, 100-6	1.7	17
31	The effect of growth rate on the adhesion of the oral bacteria <i>Streptococcus mutans</i> and <i>Streptococcus milleri</i> . <i>Archives of Oral Biology</i> , 1984 , 29, 147-50	2.8	16

30	Proteomic identification of proteinase inhibitors in the porcine enamel matrix derivative, EMD(□). <i>Journal of Periodontal Research</i> , 2011 , 46, 111-7	4.3	15
29	An in vitro investigation of marginal dentine caries abutting composite resin and glass ionomer cement restorations. <i>Australian Dental Journal</i> , 2007 , 52, 187-92	2.3	15
28	Investigation of the Cell Surface Proteome of Human Periodontal Ligament Stem Cells. <i>Stem Cells International</i> , 2016 , 2016, 1947157	5	15
27	Some aspects of protease production by a strain of <i>Streptococcus sanguis</i> . <i>Oral Microbiology and Immunology</i> , 1990 , 5, 72-6		14
26	Comparative efficacy of endodontic medicaments and sodium hypochlorite against <i>Enterococcus faecalis</i> biofilms. <i>Australian Dental Journal</i> , 2018 , 63, 208-216	2.3	14
25	The effect of sodium hypochlorite on <i>Enterococcus faecalis</i> when grown on dentine as a single- and multi-species biofilm. <i>Australian Endodontic Journal</i> , 2014 , 40, 101-10	1.7	13
24	Antimicrobial properties of calcium hydroxide dressing when used for long-term application: A systematic review. <i>Australian Endodontic Journal</i> , 2018 , 44, 60-65	1.7	13
23	"Chocolate" Gold Nanoparticles-One Pot Synthesis and Biocompatibility. <i>Nanomaterials</i> , 2018 , 8,	5.4	12
22	Isolation and identification of <i>Enterococcus faecalis</i> membrane proteins using membrane shaving, 1D SDS/PAGE, and mass spectrometry. <i>FEBS Open Bio</i> , 2016 , 6, 586-93	2.7	11
21	Growth pH and transient increases in amino acid availability influence polyglucose synthesis by <i>Fusobacterium nucleatum</i> grown in continuous culture. <i>FEMS Microbiology Letters</i> , 2002 , 215, 203-8	2.9	11
20	Novel Research Models for Small Colony Variants (SCV) Development: Co-pathogenesis and Growth Rate. <i>Frontiers in Microbiology</i> , 2020 , 11, 321	5.7	10
19	The influence of intracellular polyglucose and prior growth rate on the survival of <i>Fusobacterium nucleatum</i> under starvation conditions. <i>Oral Microbiology and Immunology</i> , 1995 , 10, 119-21		8
18	Factors affecting peptide catabolism by oral streptococci. <i>Oral Microbiology and Immunology</i> , 1991 , 6, 72-5		7
17	Association between Extracellular Material and Biofilm Formation in Response to Sodium Hypochlorite by Clinical Isolates of <i>Enterococcus faecalis</i> . <i>Journal of Endodontics</i> , 2018 , 44, 269-273	4.7	6
16	Specific growth conditions induce a <i>Streptococcus pneumoniae</i> non-mucoidal, small colony variant and determine the outcome of its co-culture with <i>Haemophilus influenzae</i> . <i>Pathogens and Disease</i> , 2018 , 76,	4.2	6
15	Probiotic <i>Lactobacillus Rhamnosus</i> GG Protects Against <i>P. Gingivalis</i> And <i>F. Nucleatum</i> Gut Dysbiosis. <i>Journal of the International Academy of Periodontology</i> , 2020 , 22, 18-27	0.9	6
14	Core-in-cage structure regulated properties of ultra-small gold nanoparticles. <i>Nanoscale Advances</i> , 2019 ,	5.1	5
13	Efficacy of laser and ultrasonic-activated irrigation on eradicating a mixed-species biofilm in human mesial roots. <i>Australian Endodontic Journal</i> , 2019 , 45, 317-324	1.7	5

12	Comparison of the Biocidal Efficacy of Sodium Dichloroisocyanurate and Calcium Hydroxide as Intracanal Medicaments over a 7-Day Contact Time: An ExVivo Study. <i>Journal of Endodontics</i> , 2020 , 46, 1273-1278	4.7	4
11	Changes in growth and polyglucose synthesis in response to fructose metabolism by <i>Fusobacterium nucleatum</i> grown in continuous culture. <i>Oral Microbiology and Immunology</i> , 2003 , 18, 260-2		4
10	Development and characterization of an oral microbiome transplant among Australians for the treatment of dental caries and periodontal disease: A study protocol. <i>PLoS ONE</i> , 2021 , 16, e0260433	3.7	4
9	Silver nanoparticle modified surfaces induce differentiation of mouse kidney-derived stem cells.. <i>RSC Advances</i> , 2018 , 8, 20334-20340	3.7	3
8	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. <i>Australian Dental Journal</i> , 2018 , 63, 253-260	2.3	2
7	Some aspects of arginine assimilation in a strain of <i>Streptococcus sanguis</i> . <i>Current Microbiology</i> , 1990 , 20, 19-22	2.4	2
6	Response to L-sorbose of oral streptococci grown in continuous culture. <i>Caries Research</i> , 1987 , 21, 215-21.2		1
5	Spiked Nanostructures Disrupt Fungal Biofilm and Impart Increased Sensitivity to Antifungal Treatment. <i>Advanced Materials Interfaces</i> , 2102353	4.6	1
4	Disruption of <i>Enterococcus Faecalis</i> biofilms using individual and plasma polymer encapsulated D-amino acids. <i>Clinical Oral Investigations</i> , 2021 , 25, 3305-3313	4.2	1
3	Investigation of the effect of rapid and slow external pH increases on <i>Enterococcus faecalis</i> biofilm grown on dentine. <i>Australian Dental Journal</i> , 2018 , 63, 224-230	2.3	0
2	Bioactive Plasma Coatings on Orthodontic Brackets: In Vitro Metal Ion Release and Cytotoxicity. <i>Coatings</i> , 2021 , 11, 857	2.9	0
1	Spiked Nanostructures Disrupt Fungal Biofilm and Impart Increased Sensitivity to Antifungal Treatment (Adv. Mater. Interfaces 12/2022). <i>Advanced Materials Interfaces</i> , 2022 , 9, 2270065	4.6	