

David W Williams

List of Publications by Year in descending order

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62
papers

4,446
citations

126907

33
h-index

118850

62
g-index

62
all docs

62
docs citations

62
times ranked

6162
citing authors

#	ARTICLE	IF	CITATIONS
1	Higher Number of EB13 Cells in Mucosal Chronic Hyperplastic Candidiasis May Serve to Regulate IL-17-Producing Cells. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 533.	3.5	1
2	Pathogenesis and Virulence of <i>Candida albicans</i> and <i>Candida glabrata</i> . <i>Pathogens</i> , 2020, 9, 752.	2.8	13
3	Methylcellulose Hydrogel with <i>Melissa officinalis</i> Essential Oil as a Potential Treatment for Oral Candidiasis. <i>Microorganisms</i> , 2020, 8, 215.	3.6	27
4	Comparison of foam swabs and toothbrushes as oral hygiene interventions in mechanically ventilated patients: a randomised split mouth study. <i>BMJ Open Respiratory Research</i> , 2016, 3, e000150.	3.0	20
5	The effect of silver nanoparticles and nystatin on mixed biofilms of <i>Candida glabrata</i> and <i>Candida albicans</i> on acrylic. <i>Medical Mycology</i> , 2013, 51, 178-184.	0.7	72
6	Role of Bacterial Lipopolysaccharide in Enhancing Host Immune Response to <i>Candida albicans</i> . <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-9.	3.3	22
7	Lipopolysaccharide-Induced M2 to M1 Macrophage Transformation for IL-12p70 Production Is Blocked by <i>Candida albicans</i> Mediated Up-Regulation of EB13 Expression. <i>PLoS ONE</i> , 2013, 8, e63967.	2.5	90
8	A review of the scientific evidence for biofilms in wounds. <i>Wound Repair and Regeneration</i> , 2012, 20, 647-657.	3.0	380
9	Oral care and pulmonary infection - the importance of plaque scoring. <i>Critical Care</i> , 2012, 17, 101.	5.8	10
10	Specific protease activity indicates the degree of <i>Pseudomonas aeruginosa</i> infection in chronic infected wounds. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012, 31, 2183-2189.	2.9	16
11	Real-time monitoring of the adherence of <i>Streptococcus anginosus</i> group bacteria to extracellular matrix decorin and biglycan proteoglycans in biofilm formation. <i>Research in Microbiology</i> , 2012, 163, 436-447.	2.1	8
12	Bispecific Antibody-Mediated Detection of the <i>Staphylococcus aureus</i> Thermonuclease. <i>Analytical Chemistry</i> , 2012, 84, 5876-5884.	6.5	11
13	Influence of extracellular matrix proteins in enhancing bacterial adhesion to titanium surfaces. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 1319-1327.	3.4	9
14	<i>Candida glabrata</i> , <i>Candida parapsilosis</i> and <i>Candida tropicalis</i> : biology, epidemiology, pathogenicity and antifungal resistance. <i>FEMS Microbiology Reviews</i> , 2012, 36, 288-305.	8.6	714
15	Microbiology of the skin and the role of biofilms in infection. <i>International Wound Journal</i> , 2012, 9, 14-32.	2.9	184
16	The visualisation and speed of kill of wound isolates on a silver alginate dressing. <i>International Wound Journal</i> , 2012, 9, 633-642.	2.9	27
17	Development of an "early warning" sensor for encrustation of urinary catheters following <i>Proteus</i> infection. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 133-137.	3.4	21
18	Microbial contamination of removable prosthodontic appliances from laboratories and impact of clinical storage. <i>British Dental Journal</i> , 2011, 211, 163-166.	0.6	20

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19	Adherence and biofilm formation of non-Candida albicans Candida species. Trends in Microbiology, 2011, 19, 241-247.	7.7	208
20	Molecular Analysis of Microbial Communities in Endotracheal Tube Biofilms. PLoS ONE, 2011, 6, e14759.	2.5	66
21	Antimicrobial tolerance and the significance of persister cells in recalcitrant chronic wound biofilms. Wound Repair and Regeneration, 2011, 19, 1-9.	3.0	144
22	The role of secreted aspartyl proteinases in Candida tropicalis invasion and damage of oral mucosa. Clinical Microbiology and Infection, 2011, 17, 264-272.	6.0	47
23	<i>Candida glabrata</i> and <i>Candida albicans</i> co-infection of an <i>in vitro</i> oral epithelium. Journal of Oral Pathology and Medicine, 2011, 40, 421-427.	2.7	86
24	<i>Candida</i> biofilms and oral candidosis: treatment and prevention. Periodontology 2000, 2011, 55, 250-265.	13.4	165
25	The Role of the IL-12 Cytokine Family in Directing T-Cell Responses in Oral Candidosis. Clinical and Developmental Immunology, 2011, 2011, 1-10.	3.3	21
26	Antimicrobial activity of Citrox® bioflavonoid preparations against oral microorganisms. British Dental Journal, 2011, 210, E22-E22.	0.6	33
27	Introduction to Microbiology, Zoonoses and Antibiotics. Springer Series on Biofilms, 2011, , 1-39.	0.1	1
28	Introduction to Biofilms. Springer Series on Biofilms, 2011, , 41-68.	0.1	60
29	Role of Biofilms in the Oral Health of Animals. Springer Series on Biofilms, 2011, , 129-142.	0.1	2
30	In Vitro Biofilm Activity of Non-Candida albicans Candida Species. Current Microbiology, 2010, 61, 534-540.	2.2	82
31	Biofilms and bacterial imbalances in chronic wounds: anti-Koch. International Wound Journal, 2010, 7, 169-175.	2.9	92
32	An <i>in vitro</i> model of chronic wound biofilms to test wound dressings and assess antimicrobial susceptibilities. Journal of Antimicrobial Chemotherapy, 2010, 65, 1195-1206.	3.0	141
33	Summary of: A pilot study of bioaerosol reduction using an air cleaning system during dental procedures. British Dental Journal, 2010, 209, 408-409.	0.6	7
34	A pilot study of bioaerosol reduction using an air cleaning system during dental procedures. British Dental Journal, 2010, 209, E14-E14.	0.6	73
35	Silicone colonization by non-Candida albicans Candida species in the presence of urine. Journal of Medical Microbiology, 2010, 59, 747-754.	1.8	68
36	Macrolides and community-acquired pneumonia: is quorum sensing the key?. Critical Care, 2010, 14, 181.	5.8	11

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37	Biofilms of non- <i>Candida albicans</i> <i>Candida</i> species: quantification, structure and matrix composition. <i>Medical Mycology</i> , 2009, 47, 681-689.	0.7	318
38	Detection and identification of specific bacteria in wound biofilms using peptide nucleic acid fluorescent in situ hybridization (PNA FISH). <i>Microbiology (United Kingdom)</i> , 2009, 155, 2603-2611.	1.8	177
39	Association of oral yeast carriage with specific host factors and altered mouth sensation. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 105, 445-451.	1.4	33
40	Efficacy of oral chlorhexidine in critical care. <i>Critical Care</i> , 2008, 12, 419.	5.8	5
41	Impact of poor dental health on pneumonia. <i>European Respiratory Journal</i> , 2008, 32, 1123-1124.	6.7	5
42	Characterization of <i>Candida albicans</i> infection of an in vitro oral epithelial model using confocal laser scanning microscopy. <i>Oral Microbiology and Immunology</i> , 2007, 22, 188-194.	2.8	38
43	Antimicrobial susceptibility of 800 anaerobic isolates from patients with dentoalveolar infection to 13 oral antibiotics. <i>Oral Microbiology and Immunology</i> , 2007, 22, 285-288.	2.8	110
44	Titanium surface modification and its effect on the adherence of <i>Porphyromonas gingivalis</i> : an in vitro study. <i>Clinical Oral Implants Research</i> , 2006, 17, 633-637.	4.5	139
45	Proteinase Activity of <i>Prevotella</i> Species Associated with Oral Purulent Infection. <i>Current Microbiology</i> , 2006, 52, 375-378.	2.2	24
46	Detection of <i>cfxA</i> and <i>cfxA2</i> , the β -Lactamase Genes of <i>Prevotella</i> spp., in Clinical Samples from Dentoalveolar Infection by Real-Time PCR. <i>Journal of Clinical Microbiology</i> , 2006, 44, 172-176.	3.9	43
47	An increased prevalence of β -lactamase-positive isolates in Japanese patients with dentoalveolar infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 708-709.	3.0	13
48	In vitro susceptibility of oral <i>Candida</i> to seven antifungal agents. <i>Oral Microbiology and Immunology</i> , 2005, 20, 349-353.	2.8	66
49	Reduced adherence of <i>Candida</i> to silane-treated silicone rubber. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 74B, 481-487.	3.4	13
50	An outcome audit of the treatment of acute dentoalveolar infection: impact of penicillin resistance. <i>British Dental Journal</i> , 2005, 198, 759-763.	0.6	60
51	Detection of <i>Candida</i> in Concentrated Oral Rinse Cultures by Real-Time PCR. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2101-2107.	3.9	46
52	Differential invasion of <i>Candida albicans</i> isolates in an in vitro model of oral candidosis. <i>Oral Microbiology and Immunology</i> , 2004, 19, 293-296.	2.8	52
53	Sex determination by PCR analysis of DNA extracted from incinerated, deciduous teeth. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2004, 44, 89-94.	2.1	11
54	Evaluation of the recurrence of denture stomatitis and <i>Candida</i> colonization in a small group of patients who received itraconazole. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2004, 97, 351-358.	1.4	56

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55	In vitro secreted aspartyl proteinase activity of <i>Candida albicans</i> isolated from oral diseases and healthy oral cavities. <i>Oral Microbiology and Immunology</i> , 2003, 18, 405-407.	2.8	33
56	Molecular characterization of clinical and environmental isolates of vancomycin-resistant <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> from a teaching hospital in Wales. <i>Journal of Medical Microbiology</i> , 2003, 52, 821-827.	1.8	23
57	Surface modification of an experimental silicone rubber aimed at reducing initial candidal adhesion. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 63, 122-128.	3.1	40
58	A molecular epidemiological study of sequential oral isolates of <i>Candida albicans</i> from terminally ill patients. <i>Journal of Oral Pathology and Medicine</i> , 2001, 30, 206-212.	2.7	9
59	Strain persistence of invasive <i>Candida albicans</i> in chronic hyperplastic candidosis that underwent malignant change. <i>Gerodontology</i> , 2001, 18, 73-78.	2.0	23
60	PCR Fingerprinting of <i>Candida albicans</i> Associated with Chronic Hyperplastic Candidosis and Other Oral Conditions. <i>Journal of Clinical Microbiology</i> , 2001, 39, 4066-4075.	3.9	39
61	Characterisation of the inflammatory cell infiltrate in chronic hyperplastic candidosis of the oral mucosa. <i>Journal of Oral Pathology and Medicine</i> , 1997, 26, 83-89.	2.7	35
62	Adherence of <i>Candida albicans</i> to experimental denture soft lining materials. <i>Journal of Prosthetic Dentistry</i> , 1997, 77, 306-312.	2.8	83