

Julia R Davies

List of Publications by Year in descending order

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65
papers

2,730
citations

226546

25
h-index

190239

50
g-index

67
all docs

67
docs citations

67
times ranked

3245
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>Oâ€HEALTHâ€EDU</sc>: A viewpoint into the current state of Oral Health Professional education in Europe: Part 1: Programmeâ€level data. European Journal of Dental Education, 2024, 28, 591-606.	2.1	1
2	<sc>Oâ€Healthâ€Edu</sc>: A viewpoint into the current state of oral health professional education in Europe: Part 2: Curriculum structure, facilities, staffing and quality assurance. European Journal of Dental Education, 2024, 28, 607-620.	2.1	1
3	A novel multiplex fluorescent-labeling method for the visualization of mixed-species biofilms <i>in vitro</i>. Microbiology Spectrum, 2024, 12, .	3.0	0
4	ARTICULATE: A European glossary of terms used in oral health professional education. European Journal of Dental Education, 2023, 27, 209-222.	2.1	7
5	<sc>Oâ€Healthâ€Edu</sc>: A vision for oral health professional education in Europe. European Journal of Dental Education, 2023, 27, 382-387.	2.1	7
6	Limosilactobacillus reuteri inhibits the acid tolerance response in oral bacteria. Biofilm, 2023, 6, 100136.	3.9	2
7	Oâ€HEALTHâ€EDU: A scoping review on the reporting of oral health professional education in Europe. European Journal of Dental Education, 2021, 25, 56-77.	2.1	13
8	Acid tolerance in early colonizers of oral biofilms. BMC Microbiology, 2021, 21, 45.	3.4	28
9	Exogenous LL-37 but not homogenates of desquamated oral epithelial cells shows activity against <i>Streptococcus mutans</i>. Acta Odontologica Scandinavica, 2021, 79, 466-472.	1.6	4
10	Bacterial colonization of a powerâ€driven water flosser during regular use. A proofâ€ofâ€principle study. Clinical and Experimental Dental Research, 2021, 7, 656-663.	1.9	5
11	Polymicrobial synergy stimulates Porphyromonas gingivalis survival and gingipain expression in a multi-species subgingival community. BMC Oral Health, 2021, 21, 639.	2.3	6
12	COVIDâ€19: The immediate response of european academic dental institutions and future implications for dental education. European Journal of Dental Education, 2020, 24, 811-814.	2.1	164
13	Modified lipoproteins in periodontitis: a link to cardiovascular disease?. Bioscience Reports, 2019, 39, .	2.7	21
14	A randomized, controlled, clinical study on a new titanium oxide abutment surface for improved healing and soft tissue health. Clinical Implant Dentistry and Related Research, 2019, 21, 55-68.	3.6	23
15	Streptococcus gordonii Type I Lipoteichoic Acid Contributes to Surface Protein Biogenesis. MSphere, 2019, 4, .	3.1	16
16	Parvimonas micra stimulates expression of gingipains from Porphyromonas gingivalis in multi-species communities. Anaerobe, 2019, 55, 54-60.	2.2	27
17	Titanium granules pre-treated with hydrogen peroxide inhibit growth of bacteria associated with post-operative infections in spine surgery. European Spine Journal, 2018, 27, 2463-2468.	2.3	14
18	Bactericidal effect of photocatalyticallyâ€active nanostructured TiO₂ surfaces on biofilms of the early oral colonizer, <i>Streptococcus oralis</i>. Journal of Biomedical Materials Research - Part A, 2017, 105, 2321-2328.	4.1	11

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19	Identification of bacterial biofilm and the <i>Staphylococcus aureus</i> derived protease, staphopain, on the skin surface of patients with atopic dermatitis. <i>Scientific Reports</i> , 2017, 7, 8689.	3.4	76
20	Modulation of the nanometer pore size improves magnesium adsorption into mesoporous titania coatings and promotes bone morphogenic protein 4 expression in adhering osteoblasts. <i>Dental Materials</i> , 2016, 32, e148-e158.	3.5	6
21	Effect of Fluoride and Chlorhexidine Digluconate Mouthrinses on Plaque Biofilms. <i>Open Dentistry Journal</i> , 2015, 9, 106-111.	0.5	14
22	Crystalline anatase-rich titanium can reduce adherence of oral streptococci. <i>Biofouling</i> , 2014, 30, 751-759.	2.2	25
23	The effect of delmopinol and fluoride on acid adaptation and acid production in dental plaque biofilms. <i>Archives of Oral Biology</i> , 2014, 59, 318-323.	1.9	11
24	Role for the A Domain of Unprocessed Accumulation-Associated Protein (Aap) in the Attachment Phase of the <i>Staphylococcus epidermidis</i> Biofilm Phenotype. <i>Journal of Bacteriology</i> , 2014, 196, 4268-4275.	2.4	50
25	Adherence of human oral keratinocytes and gingival fibroblasts to nano-structured titanium surfaces. <i>BMC Oral Health</i> , 2014, 14, 75.	2.3	42
26	Surface-associated MUC5B mucins promote protease activity in <i>Lactobacillus fermentum</i> biofilms. <i>BMC Oral Health</i> , 2013, 13, 43.	2.3	18
27	Salivary pellicles on titanium and their effect on metabolic activity in <i>Streptococcus oralis</i> . <i>BMC Oral Health</i> , 2013, 13, 32.	2.3	18
28	Biofilm formation by <i>Staphylococcus epidermidis</i> on peritoneal dialysis catheters and the effects of extracellular products from <i>Pseudomonas aeruginosa</i> . <i>Pathogens and Disease</i> , 2013, 67, 192-198.	2.0	17
29	Bacteria on Catheters in Patients Undergoing Peritoneal Dialysis. <i>Peritoneal Dialysis International</i> , 2013, 33, 51-59.	2.7	23
30	Structural and Functional Analysis of the N-terminal Domain of the <i>Streptococcus gordonii</i> Adhesin Sgo0707. <i>PLoS ONE</i> , 2013, 8, e63768.	2.5	11
31	Effects of saliva or serum coating on adherence of <i>Streptococcus oralis</i> strains to titanium. <i>Microbiology (United Kingdom)</i> , 2012, 158, 390-397.	1.8	36
32	Gel-Forming and Cell-Associated Mucins: Preparation for Structural and Functional Studies. <i>Methods in Molecular Biology</i> , 2012, 842, 27-47.	0.0	25
33	Effect of nanoporous TiO ₂ coating and anodized Ca ²⁺ modification of titanium surfaces on early microbial biofilm formation. <i>BMC Oral Health</i> , 2011, 11, 8.	2.3	57
34	Differential effects of <i>Pseudomonas aeruginosa</i> on biofilm formation by different strains of <i>Staphylococcus epidermidis</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2010, 59, 439-446.	2.6	29
35	Effects of clinical isolates of <i>Pseudomonas aeruginosa</i> on <i>Staphylococcus epidermidis</i> biofilm formation. <i>FEMS Immunology and Medical Microbiology</i> , 2010, 59, 504-512.	2.6	28
36	Identification of novel LPXTG-linked surface proteins from <i>Streptococcus gordonii</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 1977-1988.	1.8	41

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37	Respiratory Tract Mucins: Structure and Expression Patterns. Novartis Foundation Symposium, 2008, , 76-93.	0.0	50
38	MUC16 is produced in tracheal surface epithelium and submucosal glands and is present in secretions from normal human airway and cultured bronchial epithelial cells. International Journal of Biochemistry and Cell Biology, 2007, 39, 1943-1954.	2.9	78
39	Gastric MUC5AC and MUC6 are large oligomeric mucins that differ in size, glycosylation and tissue distribution. Biochemical Journal, 2002, 364, 191-200.	3.8	120
40	Mucin biosynthesis and secretion in tracheal epithelial cells in primary culture. Biochemical Journal, 2001, 353, 23-32.	3.8	12
41	Distribution of iodine 125 ^{â€} labeled Î±1-microglobulin in rats after intravenous injection. Translational Research, 2001, 137, 165-175.	2.3	46
42	Macromolecular organization of saliva: identification of ^{â€} insoluble ^{â€} ™ MUC5B assemblies and non-mucin proteins in the gel phase. Biochemical Journal, 2000, 351, 421.	3.8	38
43	Mucin biosynthesis and secretion in tracheal epithelial cells in primary culture. Biochemical Journal, 2000, 353, 23.	3.8	3
44	Macromolecular organization of saliva: identification of ^{â€} insoluble ^{â€} ™ MUC5B assemblies and non-mucin proteins in the gel phase. Biochemical Journal, 2000, 351, 421-428.	3.8	82
45	Studies on the ^{â€} Insoluble ^{â€} ™ Glycoprotein Complex from Human Colon. Journal of Biological Chemistry, 1999, 274, 15828-15836.	3.5	138
46	pH-dependent binding of Helicobacter pylori to pig gastric mucins. FEMS Immunology and Medical Microbiology, 1999, 24, 175-181.	2.6	11
47	Identification of MUC5B, MUC5AC and small amounts of MUC2 mucins in cystic fibrosis airway secretions. Biochemical Journal, 1999, 344, 321-330.	3.8	105
48	Identification of MUC5B, MUC5AC and small amounts of MUC2 mucins in cystic fibrosis airway secretions. Biochemical Journal, 1999, 344, 321.	3.8	46
49	Mucus glycoproteins from pig gastric mucosa: different mucins are produced by the surface epithelium and the glands. Biochemical Journal, 1998, 331, 687-694.	3.8	23
50	Biosynthesis of mucins in bovine trachea: identification of the major radiolabelled species. Biochemical Journal, 1998, 333, 449-456.	3.8	13
51	MUC5B is a major gel-forming, oligomeric mucin from human salivary gland, respiratory tract and endocervix: identification of glycoforms and C-terminal cleavage. Biochemical Journal, 1998, 334, 685-693.	3.8	306
52	Mucus glycoproteins in bovine trachea: identification of the major mucin populations in respiratory secretions and investigation of their tissue origins. Biochemical Journal, 1997, 321, 117-124.	3.8	9
53	Mucus glycoproteins from pig gastric mucosa: identification of different mucin populations from the surface epithelium. Biochemical Journal, 1997, 326, 903-910.	3.8	59
54	Structure and Biochemistry of Human Respiratory Mucins. , 1997, , 19-39.		4

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55	Mucins in airway secretions from healthy and chronic bronchitic subjects. <i>Biochemical Journal</i> , 1996, 313, 431-439.	3.8	64
56	Different mucins are produced by the surface epithelium and the submucosa in human trachea: identification of MUC5AC as a major mucin from the goblet cells. <i>Biochemical Journal</i> , 1996, 318, 319-324.	3.8	281
57	MUC5AC, but not MUC2, is a prominent mucin in respiratory secretions. <i>Glycoconjugate Journal</i> , 1996, 13, 839-847.	2.7	221
58	Aspects on the Interaction of <i>Streptococcus pneumoniae</i> and <i>Haemophilus influenzae</i> with Human Respiratory Tract Mucosa. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1996, 154, S187-S191.	6.6	41
59	Human gastric mucins - a major population identified as MUC5. <i>Biochemical Society Transactions</i> , 1995, 23, 533S-533S.	3.4	12
60	Human tracheal mucins – is MUC5 more prominent in the epithelial surface than in the submucosa?. <i>Biochemical Society Transactions</i> , 1995, 23, 534S-534S.	3.4	4
61	Release of Mucus Glycoconjugates by <i>Pseudomonas aeruginosa</i> Rhamnolipids into Feline Trachea <i>In Vivo</i> and Human Bronchus <i>In Vitro</i> . <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1992, 6, 116-122.	3.3	42
62	The effect of tobacco smoke upon airway secretion in the cat. <i>Clinical Science</i> , 1986, 71, 179-187.	4.3	23
63	Characterization of core polypeptides of human bronchial mucins. <i>Biochemical Society Transactions</i> , 1986, 14, 114-115.	3.4	2
64	<i>Streptococcus gordonii</i> Poised for Glycan Feeding through a MUC5B-Discriminating, Lipoteichoic Acid-Mediated Outside-In Signaling Circuit. <i>Journal of Bacteriology</i> , 0, , .	2.4	3
65	Graduating European Dentist Curriculum Domain – Research. <i>European Journal of Dental Education</i> , 0, , .	2.1	0