

Joanna Verran

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72
papers

1,523
citations

19
h-index

37
g-index

77
ext. papers

1,782
ext. citations

4.5
avg, IF

4.74
L-index

#	Paper	IF	Citations
72	Retention of <i>Candida albicans</i> on acrylic resin and silicone of different surface topography. <i>Journal of Prosthetic Dentistry</i> , 1997 , 77, 535-9	4	246
71	Retention of microbial cells in substratum surface features of micrometer and sub-micrometer dimensions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005 , 41, 129-38	6	236
70	Use of the atomic force microscope to determine the effect of substratum surface topography on the ease of bacterial removal. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006 , 51, 44-53	6	107
69	Colonization and penetration of denture soft lining materials by <i>Candida albicans</i> . <i>Dental Materials</i> , 2004 , 20, 167-75	5.7	84
68	Highly efficient photocatalytic bismuth oxide coatings and their antimicrobial properties under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2018 , 239, 223-232	21.8	45
67	Biofilm development by blastospores and hyphae of <i>Candida albicans</i> on abraded denture acrylic resin surfaces. <i>Journal of Prosthetic Dentistry</i> , 2014 , 112, 988-93	4	41
66	Formation, architecture and functionality of microbial biofilms in the food industry. <i>Current Opinion in Food Science</i> , 2015 , 2, 84-91	9.8	40
65	The effect of surface properties and application method on the retention of <i>Pseudomonas aeruginosa</i> on uncoated and titanium-coated stainless steel. <i>International Biodeterioration and Biodegradation</i> , 2007 , 60, 74-80	4.8	40
64	Microbial retention on open food contact surfaces and implications for food contamination. <i>Advances in Applied Microbiology</i> , 2008 , 64, 223-46	4.9	35
63	Antifungal Activity of Commercial Essential Oils and Biocides against <i>Candida Albicans</i> . <i>Pathogens</i> , 2018 , 7,	4.5	33
62	Microbiological and chemical analyses of stainless steel and ceramics subjected to repeated soiling and cleaning treatments. <i>Journal of Food Protection</i> , 2001 , 64, 1377-87	2.5	33
61	The effect of dentifrice abrasion on denture topography and the subsequent retention of microorganisms on abraded surfaces. <i>Journal of Prosthetic Dentistry</i> , 2014 , 112, 1513-22	4	31
60	Toxicity and Antimicrobial Properties of ZnO@ZIF-8 Embedded Silicone against Planktonic and Biofilm Catheter-Associated Pathogens. <i>ACS Applied Nano Materials</i> , 2018 , 1, 1657-1665	5.6	29
59	Quantifying the pattern of microbial cell dispersion, density and clustering on surfaces of differing chemistries and topographies using multifractal analysis. <i>Journal of Microbiological Methods</i> , 2014 , 104, 101-8	2.8	26
58	Micron- and nanosized FAU-type zeolites from fly ash for antibacterial applications. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16897		26
57	The detection and influence of food soils on microorganisms on stainless steel using scanning electron microscopy and epifluorescence microscopy. <i>International Journal of Food Microbiology</i> , 2010 , 141 Suppl 1, S125-33	5.8	25
56	Structural formation and photocatalytic activity of magnetron sputtered titania and doped-titania coatings. <i>Molecules</i> , 2014 , 19, 16327-48	4.8	24

55	A selective medium for isolation and accurate enumeration of <i>Lactobacillus casei</i> -group members in probiotic milks and dairy products. <i>International Dairy Journal</i> , 2015 , 47, 27-36	3.5	22
54	Titanium-coating of stainless steel as an aid to improved cleanability. <i>International Journal of Food Microbiology</i> , 2010 , 141 Suppl 1, S134-9	5.8	22
53	The effect of a commercial probiotic drink containing <i>Lactobacillus casei</i> strain Shirota on oral health in healthy dentate people. <i>Microbial Ecology in Health and Disease</i> , 2013 , 24,		19
52	Silver zeolite-loaded silicone elastomers: a multidisciplinary approach to synthesis and antimicrobial assessment. <i>RSC Advances</i> , 2015 , 5, 40932-40939	3.7	18
51	The effect of surface properties of polycrystalline, single phase metal coatings on bacterial retention. <i>International Journal of Food Microbiology</i> , 2015 , 197, 92-7	5.8	17
50	Antimicrobial activity of nanocomposite zirconium nitride/silver coatings to combat external bone fixation pin infections. <i>International Journal of Artificial Organs</i> , 2012 , 35, 817-25	1.9	17
49	Photocatalytic TiO ₂ and Doped TiO ₂ Coatings to Improve the Hygiene of Surfaces Used in Food and Beverage Processing: A Study of the Physical and Chemical Resistance of the Coatings. <i>Coatings</i> , 2014 , 4, 433-449	2.9	16
48	Microbial populations on brewery filling hall surfaces [Progress towards functional coatings. <i>Food Control</i> , 2015 , 55, 1-11	6.2	15
47	Identification of microbial volatile organic compounds (MVOCs) emitted from fungal isolates found on cinematographic film. <i>Analytical Methods</i> , 2012 , 4, 1265	3.2	15
46	A comparative study of fine polished stainless steel, TiN and TiN/Ag surfaces: adhesion and attachment strength of <i>Listeria monocytogenes</i> as well as anti-listerial effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 109, 190-6	6	14
45	Differential fluorescent staining of <i>Listeria monocytogenes</i> and a whey food soil for quantitative analysis of surface hygiene. <i>International Journal of Food Microbiology</i> , 2009 , 135, 75-80	5.8	14
44	Zeolite-embedded silver extends antimicrobial activity of dental acrylics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 173, 52-57	6	14
43	Counts of fungal spores released during inspection of mouldy cinematographic film and determination of the gelatinolytic activity of predominant isolates. <i>International Biodeterioration and Biodegradation</i> , 2013 , 84, 381-387	4.8	12
42	Culture media for differential isolation of <i>Lactobacillus casei</i> Shirota from oral samples. <i>Journal of Microbiological Methods</i> , 2012 , 90, 65-71	2.8	12
41	Visualization and measurement of nanometer dimension surface features using dental impression materials and atomic force microscopy. <i>International Biodeterioration and Biodegradation</i> , 2003 , 51, 221-228	4.8	12
40	Practical microbiology in schools: a survey of UK teachers. <i>Trends in Microbiology</i> , 2013 , 21, 557-9	12.4	11
39	The effect of surface properties on the strength of attachment of fungal spores using AFM perpendicular force measurements. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 82, 483-9	6	11
38	The effect of a commercial probiotic drink on oral microbiota in healthy complete denture wearers. <i>Microbial Ecology in Health and Disease</i> , 2012 , 23,		11

37	In vitro colonization of an experimental silicone by <i>Candida albicans</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010 , 92, 226-35	3.5	11
36	Methylcellulose Hydrogel with Essential Oil as a Potential Treatment for Oral Candidiasis. <i>Microorganisms</i> , 2020 , 8,	4.9	10
35	The antimicrobial effect of metal substrates on food pathogens. <i>Food and Bioprocesses Processing</i> , 2019 , 113, 68-76	4.9	10
34	The effects of blood conditioning films on the antimicrobial and retention properties of zirconium-nitride silver surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 173, 303-311	6	10
33	Encouraging creativity and employability skills in undergraduate microbiologists. <i>Trends in Microbiology</i> , 2010 , 18, 56-8	12.4	9
32	Transforming a school learning exercise into a public engagement event: 'The Good, the Bad and The Algae' <i>Journal of Biological Education</i> , 2013 , 47, 246-252	0.9	7
31	A student-centred learning project: the production of leaflets for 'live' clients. <i>Journal of Biological Education</i> , 1992 , 26, 135-138	0.9	7
30	Raising awareness of antimicrobial resistance among the general public in the UK: the role of public engagement activities. <i>JAC-Antimicrobial Resistance</i> , 2020 , 2, dlaa012	2.9	7
29	Environmental and Experimental Factors Affecting Efficacy Testing of Nonporous Plastic Antimicrobial Surfaces. <i>Methods and Protocols</i> , 2018 , 1,	2.5	7
28	The Effect of Surface Hydrophobicity on the Attachment of Fungal Conidia to Substrates of Polyvinyl Acetate and Polyvinyl Alcohol. <i>Journal of Polymers and the Environment</i> , 2020 , 28, 1450-1464	4.5	5
27	The bad bugs book club: science, literacy, and engagement. <i>Journal of Microbiology and Biology Education</i> , 2013 , 14, 110-2	1.3	5
26	Surface topography and physicochemistry of silver containing titanium nitride nanocomposite coatings. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2010 , 28, 180-187	1.3	5
25	Poster design by microbiology students. <i>Journal of Biological Education</i> , 1993 , 27, 291-294	0.9	5
24	Use of novel culture media to indicate alkaligenic properties of dental plaque. <i>Microbial Ecology in Health and Disease</i> , 2004 , 16, 44-50		4
23	What does the UK public want from academic science communication?. <i>F1000Research</i> , 2016 , 5, 1261	3.6	4
22	Refreshing the public appetite for 'good bacteria' menus made by microbes. <i>Journal of Biological Education</i> , 2019 , 53, 34-46	0.9	4
21	How Do We Determine the Efficacy of an Antibacterial Surface? A Review of Standardised Antibacterial Material Testing Methods. <i>Antibiotics</i> , 2021 , 10,	4.9	4
20	Developing microbiological learning materials for schools: best practice. <i>FEMS Microbiology Letters</i> , 2015 , 362,	2.9	3

19	What is a microbiologist? A survey exploring the microbiology workforce. <i>FEMS Microbiology Letters</i> , 2015 , 362, fnv208	2.9	3
18	The microbial contamination of mobile communication devices. <i>Journal of Microbiology and Biology Education</i> , 2012 , 13, 59-61	1.3	3
17	A clinical study on the antimicrobial and breath-freshening effect of zinc-containing lozenge formulations. <i>Microbial Ecology in Health and Disease</i> , 2007 , 19, 164-170		3
16	Emerging Infectious Literatures and the Zombie Condition. <i>Emerging Infectious Diseases</i> , 2018 , 24, 1774-1778	1.7	3
15	Mixed cultures: microbiology, art and literature 2013 , 21-28		3
14	Microbiological hazard analysis in dental technology laboratories. <i>European journal of prosthodontics and restorative dentistry, The</i> , 2004 , 12, 115-20	0.9	3
13	Mixed culture: encouraging cross-disciplinary collaboration and communication to enhance learning. <i>Annals of Microbiology</i> , 2019 , 69, 1107-1111	3.2	2
12	A clinical study on the effect of the prebiotic inulin in the control of oral malodour. <i>Microbial Ecology in Health and Disease</i> , 2007 , 19, 158-163		2
11	The effect of the surface properties of poly(methyl methacrylate) on the attachment, adhesion and retention of fungal conidia. <i>AIMS Bioengineering</i> , 2020 , 7, 165-178	3.4	2
10	Visible light photocatalytic bismuth oxide coatings are effective at suppressing aquatic cyanobacteria and degrading free-floating genomic DNA. <i>Journal of Environmental Sciences</i> , 2021 , 104, 128-136	6.4	2
9	Biofilm associated genotypes of multiple antibiotic resistant <i>Pseudomonas aeruginosa</i> . <i>BMC Genomics</i> , 2021 , 22, 572	4.5	2
8	The Use of a Bookclub to Enhance Science Literacy and Understanding of Infectious Disease Epidemiology 2019 , 129-157		1
7	Development of a rapid method for assessing the efficacy of antibacterial photocatalytic coatings. <i>Talanta</i> , 2021 , 225, 122009	6.2	1
6	Reproducibility of Bacterial Cellulose Nanofibers Over Sub-Cultured Generations for the Development of Novel Textiles.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 876822	5.8	1
5	Diverse surface properties reveal that substratum roughness affects fungal spore binding. <i>IScience</i> , 2021 , 24, 102333	6.1	0
4	Life after last orders microbiology as a career. <i>Journal of Biological Education</i> , 2004 , 38, 194-195	0.9	
3	Communication in the Biosciences 213-233		
2	Use of spherical particles to understand conidial attachment to surfaces using atomic force microscopy. <i>IScience</i> , 2021 , 24, 101962	6.1	

- 1 Multifractal Analysis to Determine the Effect of Surface Topography on the Distribution, Density, Dispersion and Clustering of Differently Organised Coccal-Shaped Bacteria. *Antibiotics*, **2022**, 11, 551 4.9