

# Joanna Verran

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5047846/joanna-verran-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	Multifractal Analysis to Determine the Effect of Surface Topography on the Distribution, Density, Dispersion and Clustering of Differently Organised Coccal-Shaped Bacteria. <i>Antibiotics</i> , <b>2022</b> , 11, 551	4.9	
71	Reproducibility of Bacterial Cellulose Nanofibers Over Sub-Cultured Generations for the Development of Novel Textiles.. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2022</b> , 10, 876822	5.8	1
70	Diverse surface properties reveal that substratum roughness affects fungal spore binding. <i>IScience</i> , <b>2021</b> , 24, 102333	6.1	0
69	Visible light photocatalytic bismuth oxide coatings are effective at suppressing aquatic cyanobacteria and degrading free-floating genomic DNA. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 104, 128-136	6.4	2
68	Biofilm associated genotypes of multiple antibiotic resistant <i>Pseudomonas aeruginosa</i> . <i>BMC Genomics</i> , <b>2021</b> , 22, 572	4.5	2
67	Development of a rapid method for assessing the efficacy of antibacterial photocatalytic coatings. <i>Talanta</i> , <b>2021</b> , 225, 122009	6.2	1
66	How Do We Determine the Efficacy of an Antibacterial Surface? A Review of Standardised Antibacterial Material Testing Methods. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	4
65	Use of spherical particles to understand conidial attachment to surfaces using atomic force microscopy. <i>IScience</i> , <b>2021</b> , 24, 101962	6.1	
64	Methylcellulose Hydrogel with Essential Oil as a Potential Treatment for Oral Candidiasis. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	10
63	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> , <b>2020</b> , 28, 1450-1464	4.5	5
62	The effect of the surface properties of poly(methyl methacrylate) on the attachment, adhesion and retention of fungal conidia. <i>AIMS Bioengineering</i> , <b>2020</b> , 7, 165-178	3.4	2
61	Raising awareness of antimicrobial resistance among the general public in the UK: the role of public engagement activities. <i>JAC-Antimicrobial Resistance</i> , <b>2020</b> , 2, dlaa012	2.9	7
60	Mixed culture: encouraging cross-disciplinary collaboration and communication to enhance learning. <i>Annals of Microbiology</i> , <b>2019</b> , 69, 1107-1111	3.2	2
59	The Use of a Bookclub to Enhance Science Literacy and Understanding of Infectious Disease Epidemiology <b>2019</b> , 129-157		1
58	The antimicrobial effect of metal substrates on food pathogens. <i>Food and Bioproducts Processing</i> , <b>2019</b> , 113, 68-76	4.9	10
57	Zeolite-embedded silver extends antimicrobial activity of dental acrylics. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 173, 52-57	6	14
56	The effects of blood conditioning films on the antimicrobial and retention properties of zirconium-nitride silver surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 173, 303-311	6	10

55	Refreshing the public appetite for good bacteria—menus made by microbes. <i>Journal of Biological Education</i> , <b>2019</b> , 53, 34-46	0.9	4
54	Toxicity and Antimicrobial Properties of ZnO@ZIF-8 Embedded Silicone against Planktonic and Biofilm Catheter-Associated Pathogens. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 1657-1665	5.6	29
53	Antifungal Activity of Commercial Essential Oils and Biocides against Candida Albicans. <i>Pathogens</i> , <b>2018</b> , 7,	4.5	33
52	Highly efficient photocatalytic bismuth oxide coatings and their antimicrobial properties under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 239, 223-232	21.8	45
51	Environmental and Experimental Factors Affecting Efficacy Testing of Nonporous Plastic Antimicrobial Surfaces. <i>Methods and Protocols</i> , <b>2018</b> , 1,	2.5	7
50	Emerging Infectious Literatures and the Zombie Condition. <i>Emerging Infectious Diseases</i> , <b>2018</b> , 24, 1774-1778	1.7	3
49	What does the UK public want from academic science communication?. <i>F1000Research</i> , <b>2016</b> , 5, 1261	3.6	4
48	A selective medium for isolation and accurate enumeration of Lactobacillus casei-group members in probiotic milks and dairy products. <i>International Dairy Journal</i> , <b>2015</b> , 47, 27-36	3.5	22
47	Formation, architecture and functionality of microbial biofilms in the food industry. <i>Current Opinion in Food Science</i> , <b>2015</b> , 2, 84-91	9.8	40
46	Silver zeolite-loaded silicone elastomers: a multidisciplinary approach to synthesis and antimicrobial assessment. <i>RSC Advances</i> , <b>2015</b> , 5, 40932-40939	3.7	18
45	Microbial populations on brewery filling hall surfaces [Progress towards functional coatings. <i>Food Control</i> , <b>2015</b> , 55, 1-11	6.2	15
44	Developing microbiological learning materials for schools: best practice. <i>FEMS Microbiology Letters</i> , <b>2015</b> , 362,	2.9	3
43	What is a microbiologist? A survey exploring the microbiology workforce. <i>FEMS Microbiology Letters</i> , <b>2015</b> , 362, fnv208	2.9	3
42	The effect of surface properties of polycrystalline, single phase metal coatings on bacterial retention. <i>International Journal of Food Microbiology</i> , <b>2015</b> , 197, 92-7	5.8	17
41	The effect of dentifrice abrasion on denture topography and the subsequent retention of microorganisms on abraded surfaces. <i>Journal of Prosthetic Dentistry</i> , <b>2014</b> , 112, 1513-22	4	31
40	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> , <b>2014</b> , 104, 101-8	2.8	26
39	Biofilm development by blastospores and hyphae of Candida albicans on abraded denture acrylic resin surfaces. <i>Journal of Prosthetic Dentistry</i> , <b>2014</b> , 112, 988-93	4	41
38	Photocatalytic TiO2 and Doped TiO2 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> , <b>2014</b> , 4, 433-449	2.9	16

37	Structural formation and photocatalytic activity of magnetron sputtered titania and doped-titania coatings. <i>Molecules</i> , <b>2014</b> , 19, 16327-48	4.8	24
36	Practical microbiology in schools: a survey of UK teachers. <i>Trends in Microbiology</i> , <b>2013</b> , 21, 557-9	12.4	11
35	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> , <b>2013</b> , 84, 381-387	4.8	12
34	Transforming a school learning exercise into a public engagement event: The Good, the Bad and The Algae <i>Journal of Biological Education</i> , <b>2013</b> , 47, 246-252	0.9	7
33	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> , <b>2013</b> , 109, 190-6	6	14
32	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> , <b>2013</b> , 24,		19
31	The bad bugs book club: science, literacy, and engagement. <i>Journal of Microbiology and Biology Education</i> , <b>2013</b> , 14, 110-2	1.3	5
30	Mixed cultures: microbiology, art and literature <b>2013</b> , 21-28		3
29	Identification of microbial volatile organic compounds (MVOCs) emitted from fungal isolates found on cinematographic film. <i>Analytical Methods</i> , <b>2012</b> , 4, 1265	3.2	15
28	Micron- and nanosized FAU-type zeolites from fly ash for antibacterial applications. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 16897		26
27	Culture media for differential isolation of <i>Lactobacillus casei</i> Shirota from oral samples. <i>Journal of Microbiological Methods</i> , <b>2012</b> , 90, 65-71	2.8	12
26	The microbial contamination of mobile communication devices. <i>Journal of Microbiology and Biology Education</i> , <b>2012</b> , 13, 59-61	1.3	3
25	The effect of a commercial probiotic drink on oral microbiota in healthy complete denture wearers. <i>Microbial Ecology in Health and Disease</i> , <b>2012</b> , 23,		11
24	Antimicrobial activity of nanocomposite zirconium nitride/silver coatings to combat external bone fixation pin infections. <i>International Journal of Artificial Organs</i> , <b>2012</b> , 35, 817-25	1.9	17
23	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> , <b>2011</b> , 82, 483-9	6	11
22	Encouraging creativity and employability skills in undergraduate microbiologists. <i>Trends in Microbiology</i> , <b>2010</b> , 18, 56-8	12.4	9
21	Surface topography and physicochemistry of silver containing titanium nitride nanocomposite coatings. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2010</b> , 28, 180-187	1.3	5
20	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> , <b>2010</b> , 141 Suppl 1, S125-33	5.8	25

19	Titanium-coating of stainless steel as an aid to improved cleanability. <i>International Journal of Food Microbiology</i> , <b>2010</b> , 141 Suppl 1, S134-9	5.8	22
18	In vitro colonization of an experimental silicone by <i>Candida albicans</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2010</b> , 92, 226-35	3.5	11
17	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> , <b>2009</b> , 135, 75-80	5.8	14
16	Microbial retention on open food contact surfaces and implications for food contamination. <i>Advances in Applied Microbiology</i> , <b>2008</b> , 64, 223-46	4.9	35
15	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> , <b>2007</b> , 60, 74-80	4.8	40
14	A clinical study on the effect of the prebiotic inulin in the control of oral malodour. <i>Microbial Ecology in Health and Disease</i> , <b>2007</b> , 19, 158-163		2
13	A clinical study on the antimicrobial and breath-freshening effect of zinc-containing lozenge formulations. <i>Microbial Ecology in Health and Disease</i> , <b>2007</b> , 19, 164-170		3
12	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> , <b>2006</b> , 51, 44-53	6	107
11	Retention of microbial cells in substratum surface features of micrometer and sub-micrometer dimensions. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2005</b> , 41, 129-38	6	236
10	Life after last orders microbiology as a career. <i>Journal of Biological Education</i> , <b>2004</b> , 38, 194-195	0.9	
9	Use of novel culture media to indicate alkaligenic properties of dental plaque. <i>Microbial Ecology in Health and Disease</i> , <b>2004</b> , 16, 44-50		4
8	Colonization and penetration of denture soft lining materials by <i>Candida albicans</i> . <i>Dental Materials</i> , <b>2004</b> , 20, 167-75	5.7	84
7	Microbiological hazard analysis in dental technology laboratories. <i>European journal of prosthodontics and restorative dentistry, The</i> , <b>2004</b> , 12, 115-20	0.9	3
6	Visualization and measurement of nanometer dimension surface features using dental impression materials and atomic force microscopy. <i>International Biodeterioration and Biodegradation</i> , <b>2003</b> , 51, 221-228	4.8	12
5	Microbiological and chemical analyses of stainless steel and ceramics subjected to repeated soiling and cleaning treatments. <i>Journal of Food Protection</i> , <b>2001</b> , 64, 1377-87	2.5	33
4	Retention of <i>Candida albicans</i> on acrylic resin and silicone of different surface topography. <i>Journal of Prosthetic Dentistry</i> , <b>1997</b> , 77, 535-9	4	246
3	Poster design by microbiology students. <i>Journal of Biological Education</i> , <b>1993</b> , 27, 291-294	0.9	5
2	A student-centred learning project: the production of leaflets for clients. <i>Journal of Biological Education</i> , <b>1992</b> , 26, 135-138	0.9	7

1 Communication in the Biosciences 213-233