

Karen Vickery

List of Publications by Year in descending order

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117
papers

5,176
citations

81743

39
h-index

91712

69
g-index

120
all docs

120
docs citations

120
times ranked

3797
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Subclinical Infection in Significant Breast Implant Capsules. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 1605-1611.	0.7	339
2	Breast Implant-Associated Anaplastic Large Cell Lymphoma in Australia and New Zealand: High-Surface-Area Textured Implants Are Associated with Increased Risk. <i>Plastic and Reconstructive Surgery</i> , 2017, 140, 645-654.	0.7	295
3	Bacterial Biofilm Infection Detected in Breast Implant-Associated Anaplastic Large-Cell Lymphoma. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 1659-1669.	0.7	286
4	Subclinical (Biofilm) Infection Causes Capsular Contracture in a Porcine Model following Augmentation Mammoplasty. <i>Plastic and Reconstructive Surgery</i> , 2010, 126, 835-842.	0.7	258
5	The Role of Bacterial Biofilms in Device-Associated Infection. <i>Plastic and Reconstructive Surgery</i> , 2013, 132, 1319-1328.	0.7	215
6	Chronic Biofilm Infection in Breast Implants Is Associated with an Increased T-Cell Lymphocytic Infiltrate. <i>Plastic and Reconstructive Surgery</i> , 2015, 135, 319-329.	0.7	207
7	Surface-attached cells, biofilms and biocide susceptibility: implications for hospital cleaning and disinfection. <i>Journal of Hospital Infection</i> , 2015, 89, 16-27.	1.4	180
8	Presence of biofilm containing viable multiresistant organisms despite terminal cleaning on clinical surfaces in an intensive care unit. <i>Journal of Hospital Infection</i> , 2012, 80, 52-55.	1.4	171
9	Is biofilm accumulation on endoscope tubing a contributor to the failure of cleaning and decontamination?. <i>Journal of Hospital Infection</i> , 2004, 58, 224-229.	1.4	163
10	In Vitro and In Vivo Investigation of the Influence of Implant Surface on the Formation of Bacterial Biofilm in Mammary Implants. <i>Plastic and Reconstructive Surgery</i> , 2014, 133, 471e-480e.	0.7	161
11	Intensive care unit environmental surfaces are contaminated by multidrug-resistant bacteria in biofilms: combined results of conventional culture, pyrosequencing, scanning electron microscopy, and confocal laser microscopy. <i>Journal of Hospital Infection</i> , 2015, 91, 35-44.	1.4	143
12	Removal of biofilm from endoscopes: evaluation of detergent efficiency. <i>American Journal of Infection Control</i> , 2004, 32, 170-176.	1.1	113
13	The Functional Influence of Breast Implant Outer Shell Morphology on Bacterial Attachment and Growth. <i>Plastic and Reconstructive Surgery</i> , 2018, 142, 837-849.	0.7	112
14	<i>Staphylococcus aureus</i> dry-surface biofilms are not killed by sodium hypochlorite: implications for infection control. <i>Journal of Hospital Infection</i> , 2016, 93, 263-270.	1.4	84
15	Approaches to biofilm-associated infections: the need for standardized and relevant biofilm methods for clinical applications. <i>Expert Review of Anti-Infective Therapy</i> , 2017, 15, 147-156.	2.0	83
16	Biofilm contamination of high-touched surfaces in intensive care units: epidemiology and potential impacts. <i>Letters in Applied Microbiology</i> , 2019, 68, 269-276.	1.0	82
17	Microscopy visualisation confirms multi-species biofilms are ubiquitous in diabetic foot ulcers. <i>International Wound Journal</i> , 2017, 14, 1160-1169.	1.3	77
18	A prospective study of the efficacy of routine decontamination for gastrointestinal endoscopes and the risk factors for failure. <i>American Journal of Infection Control</i> , 2006, 34, 274-280.	1.1	76

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19	Next Generation DNA Sequencing of Tissues from Infected Diabetic Foot Ulcers. <i>EBioMedicine</i> , 2017, 21, 142-149.	2.7	75
20	Detection of persistent vegetative bacteria and amplified viral nucleic acid from in-use testing of gastrointestinal endoscopes. <i>Journal of Hospital Infection</i> , 1998, 39, 149-157.	1.4	73
21	Evaluation of disinfection and sterilization of reusable angioscopes with the duck hepatitis B model. <i>Journal of Vascular Surgery</i> , 1999, 30, 277-282.	0.6	69
22	Prevention of Biofilm-Induced Capsular Contracture With Antibiotic-Impregnated Mesh in a Porcine Model. <i>Aesthetic Surgery Journal</i> , 2012, 32, 886-891.	0.9	63
23	Host DNA depletion efficiency of microbiome DNA enrichment methods in infected tissue samples. <i>Journal of Microbiological Methods</i> , 2020, 170, 105856.	0.7	62
24	The effect of topical negative pressure on wound biofilms using an in vitro wound model. <i>Wound Repair and Regeneration</i> , 2012, 20, 83-90.	1.5	58
25	A review of bacterial biofilms and their role in device-associated infection. <i>Healthcare Infection</i> , 2013, 18, 61-66.	0.6	58
26	Evaluation of short exposure times of antimicrobial wound solutions against microbial biofilms: from in vitro to in vivo. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 494-502.	1.3	58
27	The Role of Bacterial Biofilm in Adverse Soft-Tissue Filler Reactions: A Combined Laboratory and Clinical Study. <i>Plastic and Reconstructive Surgery</i> , 2017, 139, 613-621.	0.7	57
28	Bacterial Diversity of Diabetic Foot Ulcers: Current Status and Future Prospectives. <i>Journal of Clinical Medicine</i> , 2019, 8, 1935.	1.0	56
29	Effect of cadexomer iodine on the microbial load and diversity of chronic non-healing diabetic foot ulcers complicated by biofilm in vivo. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2093-2101.	1.3	54
30	Seroprevalence of markers for hepatitis B, C and G in male and female prisoners - NSW, 1996. <i>Australian and New Zealand Journal of Public Health</i> , 1999, 23, 377-384.	0.8	52
31	<i>Staphylococcus aureus</i> dry-surface biofilms are more resistant to heat treatment than traditional hydrated biofilms. <i>Journal of Hospital Infection</i> , 2018, 98, 161-167.	1.4	52
32	Characterization of microbial community composition, antimicrobial resistance and biofilm on intensive care surfaces. <i>Journal of Infection and Public Health</i> , 2018, 11, 418-424.	1.9	52
33	The A, B and C's of Silicone Breast Implants: Anaplastic Large Cell Lymphoma, Biofilm and Capsular Contracture. <i>Materials</i> , 2018, 11, 2393.	1.3	51
34	Understanding the microbiome of diabetic foot osteomyelitis: insights from molecular and microscopic approaches. <i>Clinical Microbiology and Infection</i> , 2019, 25, 332-339.	2.8	50
35	Effects of <i>Phyllanthus</i> plant extracts on duck hepatitis B virus in vitro and in vivo. <i>Antiviral Research</i> , 1992, 18, 127-138.	1.9	46
36	A new dry-surface biofilm model: An essential tool for efficacy testing of hospital surface decontamination procedures. <i>Journal of Microbiological Methods</i> , 2015, 117, 171-176.	0.7	46

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37	Transfer of dry surface biofilm in the healthcare environment: the role of healthcare workers' hands as vehicles. <i>Journal of Hospital Infection</i> , 2018, 100, e85-e90.	1.4	45
38	Duck hepatitis B virus: a model to assess efficacy of disinfectants against hepadnavirus infectivity. <i>Epidemiology and Infection</i> , 1991, 106, 435-443.	1.0	44
39	Establishment of an in-use testing method for evaluating disinfection of surgical instruments using the duck hepatitis B model. <i>Journal of Hospital Infection</i> , 1996, 33, 119-130.	1.4	42
40	The effect of multiple cycles of contamination, detergent washing, and disinfection on the development of biofilm in endoscope tubing. <i>American Journal of Infection Control</i> , 2009, 37, 470-475.	1.1	42
41	The efficacy of topical agents used in wounds for managing chronic biofilm infections: A systematic review. <i>Journal of Infection</i> , 2020, 80, 261-270.	1.7	40
42	Alcohol fixation of bacteria to surgical instruments increases cleaning difficulty and may contribute to sterilization inefficacy. <i>American Journal of Infection Control</i> , 2017, 45, e81-e86.	1.1	39
43	Inactivation of duck hepatitis B virus by a hydrogen peroxide gas plasma sterilization system: laboratory and "in use" testing. <i>Journal of Hospital Infection</i> , 1999, 41, 317-322.	1.4	36
44	Breast Implant-Associated Anaplastic Large Cell Lymphoma in Australia: A Longitudinal Study of Implant and Other Related Risk Factors. <i>Aesthetic Surgery Journal</i> , 2020, 40, 838-846.	0.9	36
45	Hypochlorous Acid Versus Povidone-Iodine Containing Irrigants: Which Antiseptic is More Effective for Breast Implant Pocket Irrigation?. <i>Aesthetic Surgery Journal</i> , 2018, 38, 723-727.	0.9	34
46	Biofilm removal by medical device cleaners: comparison of two bioreactor detection assays. <i>Journal of Hospital Infection</i> , 2010, 74, 160-167.	1.4	33
47	Effect of disinfectant formulation and organic soil on the efficacy of oxidizing disinfectants against biofilms. <i>Journal of Hospital Infection</i> , 2019, 103, e33-e41.	1.4	28
48	The current pattern of hepatitis B virus infection in Australia. <i>Journal of Viral Hepatitis</i> , 2006, 13, 206-215.	1.0	26
49	Reprocessing safety issues associated with complex-design orthopaedic loaned surgical instruments and implants. <i>Injury</i> , 2018, 49, 2005-2012.	0.7	26
50	A multiomics approach to identify host-microbe alterations associated with infection severity in diabetic foot infections: a pilot study. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 29.	2.9	26
51	Evaluation of stainless steel surgical instruments subjected to multiple use/processing. <i>Infection, Disease and Health</i> , 2018, 23, 3-9.	0.5	25
52	Determination of bacterial species present in biofilm contaminating the channels of clinical endoscopes. <i>Infection, Disease and Health</i> , 2018, 23, 189-196.	0.5	25
53	The Effect of Negative Pressure Wound Therapy with and without Instillation on Mature Biofilms In Vitro. <i>Materials</i> , 2018, 11, 811.	1.3	25
54	The increased killing of biofilms in vitro by combining topical silver dressings with topical negative pressure in chronic wounds. <i>International Wound Journal</i> , 2016, 13, 130-136.	1.3	23

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55	Can molecular DNA-based techniques unravel the truth about diabetic foot infections?. Diabetes/Metabolism Research and Reviews, 2017, 33, e2834.	1.7	21
56	Complex design of surgical instruments as barrier for cleaning effectiveness, favouring biofilm formation. Journal of Hospital Infection, 2019, 103, e53-e60.	1.4	21
57	Evaluation of the effectiveness of decontamination of dental syringes. British Dental Journal, 2000, 189, 620-624.	0.3	18
58	Difficulty in removing biofilm from dry surfaces. Journal of Hospital Infection, 2019, 103, 465-467.	1.4	18
59	Analysis of proximal bone margins in diabetic foot osteomyelitis by conventional culture, DNA sequencing and microscopy. Apmis, 2019, 127, 660-670.	0.9	18
60	Metatranscriptomic Analysis Reveals Active Bacterial Communities in Diabetic Foot Infections. Frontiers in Microbiology, 2020, 11, 1688.	1.5	18
61	The microbiome of diabetic foot ulcers: a comparison of swab and tissue biopsy wound sampling techniques using 16S rRNA gene sequencing. BMC Microbiology, 2020, 20, 163.	1.3	18
62	DHBV manipulation and prediction of the outcome of infection. Journal of Hepatology, 1996, 25, 504-509.	1.8	17
63	Evaluation of an automated high-level disinfection technology for ultrasound transducers. Journal of Infection and Public Health, 2014, 7, 153-160.	1.9	17
64	Immunity in pekin ducks experimentally and naturally infected with duck hepatitis b virus. Journal of Medical Virology, 1989, 28, 231-236.	2.5	15
65	A Comparative Trial of Incisional Negative-Pressure Wound Therapy in Abdominoplasty. Plastic and Reconstructive Surgery - Global Open, 2019, 7, e2141.	0.3	15
66	Patient shoe covers: Transferring bacteria from the floor onto surgical bedsheets. American Journal of Infection Control, 2016, 44, 1417-1419.	1.1	14
67	Tracing upconversion nanoparticle penetration in human skin. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110480.	2.5	14
68	Simethicone use during gastrointestinal endoscopy: Position statement of the Gastroenterological Society of Australia. Journal of Gastroenterology and Hepatology (Australia), 2019, 34, 2086-2089.	1.4	14
69	The early host innate immune response to duck hepatitis B virus infection. Journal of General Virology, 2010, 91, 509-520.	1.3	13
70	Transmission of <i>Staphylococcus aureus</i> from dry surface biofilm (DSB) via different types of gloves. Infection Control and Hospital Epidemiology, 2019, 40, 60-64.	1.0	13
71	Biofilm accumulation in new flexible gastroscop channels in clinical use. Infection Control and Hospital Epidemiology, 2022, 43, 174-180.	1.0	13
72	2-Deoxy-3-fluoroguanosine inhibits duck hepatitis B virus in vivo. Journal of Viral Hepatitis, 1996, 3, 61-65.	1.0	12

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73	The significance of transfusion in the past as a risk for current hepatitis B and hepatitis C infection: a study in endoscopy patients. <i>Transfusion</i> , 2005, 45, 807-813.	0.8	12
74	Cellular immune response of ducks to duck hepatitis B virus infection. <i>Journal of Medical Virology</i> , 1999, 58, 19-25.	2.5	11
75	The Role of Biofilm Formation in Percutaneous Kirschner-Wire Fixation of Radial Fractures. <i>Journal of Hand Surgery</i> , 2002, 27, 365-368.	0.9	11
76	Cleaning and Sterilization Protocol for Reused Cardiac Electrophysiology Catheters Inactivates Hepatitis and Coxsackie Viruses. <i>Infection Control and Hospital Epidemiology</i> , 2005, 26, 720-725.	1.0	10
77	The impact of hepatitis B vaccination in a Western country: Recall of vaccination and serological status in Australian adults. <i>Vaccine</i> , 2006, 24, 1095-1106.	1.7	10
78	A pilot study into locating the bad bugs in a busy intensive care unit. <i>American Journal of Infection Control</i> , 2015, 43, 1270-1275.	1.1	10
79	Contribution of usage to endoscope working channel damage and bacterial contamination. <i>Journal of Hospital Infection</i> , 2020, 105, 176-182.	1.4	10
80	Antigen-specific blastogenesis assays for duck hepatitis B virus using duck peripheral blood and splenic mononuclear cells. <i>Veterinary Immunology and Immunopathology</i> , 1997, 59, 349-358.	0.5	9
81	The validity of adenosine triphosphate measurement in detecting endoscope contamination. <i>Journal of Hospital Infection</i> , 2018, 100, e142-e145.	1.4	9
82	Bacterial Antigens Reduced the Inhibition Effect of Capsaicin on Cal 27 Oral Cancer Cell Proliferation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8686.	1.8	8
83	Gram-Negative Bacterial Lipopolysaccharide Promotes Tumor Cell Proliferation in Breast Implant-Associated Anaplastic Large-Cell Lymphoma. <i>Cancers</i> , 2021, 13, 5298.	1.7	8
84	Proteome of <i>Staphylococcus aureus</i> Biofilm Changes Significantly with Aging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6415.	1.8	8
85	Postexposure treatment of experimental DHBV infection: A new therapeutic strategy. <i>Journal of Medical Virology</i> , 1990, 30, 272-276.	2.5	7
86	Delipidation of a hepadnavirus: Viral inactivation and vaccine development. <i>Journal of Virological Methods</i> , 2006, 137, 160-163.	1.0	7
87	Effect of hand hygiene and glove use on cleanliness of reusable surgical instruments. <i>Journal of Hospital Infection</i> , 2017, 97, 348-352.	1.4	7
88	Hepatitis C virus infection rates and risk factors in an Australian hospital endoscopy cohort. <i>Australian and New Zealand Journal of Public Health</i> , 2009, 33, 442-448.	0.8	6
89	In vitro response to mitogens by duck splenic mononuclear cells. <i>Research in Veterinary Science</i> , 1995, 59, 242-246.	0.9	5
90	Comparison of the kinetics of the specific cellular immune response to duck hepatitis B virus in infected and immune ducks. <i>Veterinary Microbiology</i> , 1999, 68, 157-169.	0.8	5

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91	The effect of surgical immunomodulation on liver inflammation and clearance of DHBV infection. <i>Journal of Medical Virology</i> , 2006, 78, 1572-1578.	2.5	4
92	Reprocessing of loaned surgical instruments/implants in Australia and Brazil: A survey of those at the coalface. <i>Infection, Disease and Health</i> , 2021, , .	0.5	4
93	Evaluation of Host Immune Response in Diabetic Foot Infection Tissues Using an RNA Sequencing-Based Approach. <i>Frontiers in Microbiology</i> , 2021, 12, 613697.	1.5	3
94	ML218 HCl Is More Efficient Than Capsaicin in Inhibiting Bacterial Antigen-Induced Cal 27 Oral Cancer Cell Proliferation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12559.	1.8	3
95	Efficacy of Surgical/Wound Washes against Bacteria: Effect of Different In Vitro Models. <i>Materials</i> , 2022, 15, 3630.	1.3	3
96	Evaluation of the effectiveness of decontamination of dental syringes. <i>British Dental Journal</i> , 2000, 189, 620-624.	0.3	2
97	Identification of T-cell epitopes associated with immunity within the surface protein of duck hepatitis B virus. <i>Journal of Viral Hepatitis</i> , 2006, 13, 515-522.	1.0	2
98	The Role of Biofilm in Hyaluronic Acid Filler. <i>Plastic and Reconstructive Surgery</i> , 2013, 132, 100-101.	0.7	2
99	Characterise the microbial community structure and the spread of antimicrobial resistance and biofilm on the intensive care units. <i>Infection, Disease and Health</i> , 2016, 21, 120.	0.5	2
100	Microbiological contamination of clipboards used for patient records in intensive care units. <i>Journal of Hospital Infection</i> , 2020, 104, 298-300.	1.4	2
101	Combined Bacterial Antigen Lipopolysaccharide and Lipoteichoic Acid Increase Cal 27 Oral Cancer Cell Proliferation. <i>Dental Oral Biology and Craniofacial Research</i> , 2021, , 1-6.	0.2	2
102	Lifetime Multiplexing with Lanthanide Complexes for Luminescence <i>in Situ</i> Hybridisation. <i>Analysis & Sensing</i> , 2022, 2, .	1.1	2
103	Biofilms that Impact on Human Health. <i>Journal of Pharmacy Practice and Research</i> , 2002, 32, 153-158.	0.5	1
104	Multidrug Resistant Organism (MRO) Biofilm Infection of Equipment and Surfaces in an Intensive Care Unit - Implications for Infection Transmission. <i>American Journal of Infection Control</i> , 2011, 39, E192-E193.	1.1	1
105	Mapping the "hospital microbiome" and the spread of antimicrobial resistance and biofilm on the intensive care units from different regions. <i>Infection, Disease and Health</i> , 2017, 22, S12-S13.	0.5	1
106	Biofilm on Toothbrushes of Children with Cystic Fibrosis: A Potential Source of Lung Re-Infection after Antibiotic Treatment?. <i>Materials</i> , 2022, 15, 2139.	1.3	1
107	Providing Sterile Orthopedic Implants: Challenges Associated with Multiple Reprocessing of Orthopedic Surgical Trays. <i>Hygiene</i> , 2022, 2, 63-71.	0.5	1
108	Hinged surgical instruments: efficacy of double manual cleaning versus automated cleaning on biofilm removal. <i>Journal of Hospital Infection</i> , 2022, 124, 67-71.	1.4	1

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109	Duck hepatitis B virus: a model for assessing the efficacy of disinfectants against human hepatitis B virus infection. <i>Microbiology Australia</i> , 2010, 31, 171.	0.1	0
110	Response to Russotto et al. <i>American Journal of Infection Control</i> , 2016, 44, 733-734.	1.1	0
111	To glove, or not to glove, that is the question. <i>Infection, Disease and Health</i> , 2017, 22, S18-S19.	0.5	0
112	Response to "The Importance of Clinically Relevant Research When Making Comparisons" <i>Aesthetic Surgery Journal</i> , 2018, 38, NP79-NP80.	0.9	0
113	Efficacy of Double Manual Cleaning Versus Automated Cleaning for Removal of Biofilm of Hinged Surgical Instruments. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, s518-s519.	1.0	0
114	Nitrogen balance studies on pouch young <i>Macropus rufus</i> and <i>M. giganteus</i> (Marsupialia): <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td Australian Mammalogy</i> , 1989, 12, 23.	0.7	0
115	Lifetime Multiplexing with Lanthanide Complexes for Luminescence In Situ Hybridisation. <i>Analysis & Sensing</i> , 0, , .	1.1	0
116	Cellular immune response of ducks to duck hepatitis B virus infection. <i>Journal of Medical Virology</i> , 1999, 58, 19-25.	2.5	0
117	Management of surgical instruments at loaner companies in upper-middle and high-income countries: The other side of the coin. <i>Infection, Disease and Health</i> , 2022, , .	0.5	0