

Charles W Keevil

List of Publications by Year in descending order

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176
papers

9,459
citations

44066

48
h-index

46795

89
g-index

185
all docs

185
docs citations

185
times ranked

8424
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple artificial urine for the growth of urinary pathogens. <i>Letters in Applied Microbiology</i> , 1997, 24, 203-206.	2.2	433
2	Human Coronavirus 229E Remains Infectious on Common Touch Surface Materials. <i>MBio</i> , 2015, 6, e01697-15.	4.1	396
3	Potential use of copper surfaces to reduce survival of epidemic methicillin-resistant <i>Staphylococcus aureus</i> in the healthcare environment. <i>Journal of Hospital Infection</i> , 2006, 63, 289-297.	2.9	325
4	The survival of <i>Escherichia coli</i> O157 on a range of metal surfaces. <i>International Journal of Food Microbiology</i> , 2005, 105, 445-454.	4.7	292
5	The regulation of biofilm development by quorum sensing in <i>Aeromonas hydrophila</i> . <i>Environmental Microbiology</i> , 2002, 4, 18-28.	3.8	290
6	Extended Survival and Persistence of <i>Campylobacter</i> spp. in Water and Aquatic Biofilms and Their Detection by Immunofluorescent-Antibody and rRNA Staining. <i>Applied and Environmental Microbiology</i> , 1998, 64, 733-741.	3.1	276
7	Inactivation of Influenza A Virus on Copper versus Stainless Steel Surfaces. <i>Applied and Environmental Microbiology</i> , 2007, 73, 2748-2750.	3.1	256
8	Influence of temperature and plumbing material selection on biofilm formation and growth of <i>Legionella pneumophila</i> in a model potable water system containing complex microbial flora. <i>Applied and Environmental Microbiology</i> , 1994, 60, 1585-1592.	3.1	220
9	Mechanism of copper surface toxicity in <i>Escherichia coli</i> O157:H7 and <i>Salmonella</i> involves immediate membrane depolarization followed by slower rate of DNA destruction which differs from that observed for Gram-positive bacteria. <i>Environmental Microbiology</i> , 2012, 14, 1730-1743.	3.8	202
10	Influence of Plumbing Materials on Biofilm Formation and Growth of <i>Legionella pneumophila</i> in Potable Water Systems. <i>Applied and Environmental Microbiology</i> , 1994, 60, 1842-1851.	3.1	198
11	Use of Copper Cast Alloys To Control <i>Escherichia coli</i> O157 Cross-Contamination during Food Processing. <i>Applied and Environmental Microbiology</i> , 2006, 72, 4239-4244.	3.1	190
12	Survival of <i>Listeria monocytogenes</i> Scott A on metal surfaces: Implications for cross-contamination. <i>International Journal of Food Microbiology</i> , 2006, 111, 93-98.	4.7	178
13	Mechanism of Copper Surface Toxicity in Vancomycin-Resistant Enterococci following Wet or Dry Surface Contact. <i>Applied and Environmental Microbiology</i> , 2011, 77, 6049-6059.	3.1	169
14	Effects of temperature and humidity on the efficacy of methicillin-resistant <i>Staphylococcus aureus</i> challenged antimicrobial materials containing silver and copper. <i>Letters in Applied Microbiology</i> , 2009, 49, 191-195.	2.2	154
15	Inactivation of Norovirus on Dry Copper Alloy Surfaces. <i>PLoS ONE</i> , 2013, 8, e75017.	2.5	154
16	Survival of <i>Clostridium difficile</i> on copper and steel: futuristic options for hospital hygiene. <i>Journal of Hospital Infection</i> , 2008, 68, 145-151.	2.9	152
17	Biocidal Efficacy of Copper Alloys against Pathogenic Enterococci Involves Degradation of Genomic and Plasmid DNAs. <i>Applied and Environmental Microbiology</i> , 2010, 76, 5390-5401.	3.1	143
18	Comparison of microscope techniques for the examination of biofilms. <i>Journal of Microbiological Methods</i> , 1996, 25, 57-70.	1.6	136

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19	Surface-associated growth. Philosophical Transactions of the Royal Society of London Series B, Biological Sciences, 1982, 297, 517-532.	2.3	135
20	Poly-3-Hydroxybutyrate in <i>Legionella pneumophila</i> , an Energy Source for Survival in Low-Nutrient Environments. Applied and Environmental Microbiology, 1999, 65, 822-827.	3.1	130
21	Immunogold and fluorescein immunolabelling of <i>Legionella pneumophila</i> within an aquatic biofilm visualized by using episcopic differential interference contrast microscopy. Applied and Environmental Microbiology, 1992, 58, 2326-2330.	3.1	130
22	Discriminating Multi-Species Populations in Biofilms with Peptide Nucleic Acid Fluorescence In Situ Hybridization (PNA FISH). PLoS ONE, 2011, 6, e14786.	2.5	128
23	Horizontal Transfer of Antibiotic Resistance Genes on Abiotic Touch Surfaces: Implications for Public Health. MBio, 2012, 3, .	4.1	127
24	Survival of <i>Mycobacterium avium</i> , <i>Legionella pneumophila</i> , <i>Escherichia coli</i> , and Caliciviruses in Drinking Water-Associated Biofilms Grown under High-Shear Turbulent Flow. Applied and Environmental Microbiology, 2007, 73, 2854-2859.	3.1	117
25	Potential action of copper surfaces on meticillin-resistant <i>Staphylococcus aureus</i> . Journal of Applied Microbiology, 2010, 109, 2200-2205.	3.1	112
26	Viable-but-Nonculturable <i>Listeria monocytogenes</i> and <i>Salmonella enterica</i> Serovar Thompson Induced by Chlorine Stress Remain Infectious. MBio, 2018, 9, .	4.1	103
27	Inactivation of Murine Norovirus on a Range of Copper Alloy Surfaces Is Accompanied by Loss of Capsid Integrity. Applied and Environmental Microbiology, 2015, 81, 1085-1091.	3.1	98
28	Detection of <i>Escherichia coli</i> in Biofilms from Pipe Samples and Coupons in Drinking Water Distribution Networks. Applied and Environmental Microbiology, 2007, 73, 7456-7464.	3.1	94
29	DNA Mimics for the Rapid Identification of Microorganisms by Fluorescence in situ Hybridization (FISH). International Journal of Molecular Sciences, 2008, 9, 1944-1960.	4.1	94
30	Coccoid Form of <i>Helicobacter pylori</i> as a Morphological Manifestation of Cell Adaptation to the Environment. Applied and Environmental Microbiology, 2007, 73, 3423-3427.	3.1	89
31	Persistence of <i>Helicobacter pylori</i> in Heterotrophic Drinking-Water Biofilms. Applied and Environmental Microbiology, 2008, 74, 5898-5904.	3.1	85
32	Potential for preventing spread of fungi in air-conditioning systems constructed using copper instead of aluminium. Letters in Applied Microbiology, 2010, 50, 18-23.	2.2	84
33	Die-off of enteric bacterial pathogens during mesophilic anaerobic digestion. Water Research, 2004, 38, 1113-1120.	11.3	82
34	Fluorescence <i>In Situ</i> Hybridization Method Using a Peptide Nucleic Acid Probe for Identification of <i>Salmonella</i> spp. in a Broad Spectrum of Samples. Applied and Environmental Microbiology, 2010, 76, 4476-4485.	3.1	80
35	Coaggregation amongst aquatic biofilm bacteria. Journal of Applied Microbiology, 1997, 83, 477-484.	3.1	74
36	Enhanced Growth of Complex Communities of Dental Plaque Bacteria in Mucin-Limited Continuous Culture. Microbial Ecology in Health and Disease, 1988, 1, 31-38.	3.5	71

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37	From Laboratory Research to a Clinical Trial. <i>Herd</i> , 2015, 9, 64-79.	1.5	69
38	Shear Stress, Temperature, and Inoculation Concentration Influence the Adhesion of Water-Stressed <i>Helicobacter pylori</i> to Stainless Steel 304 and Polypropylene. <i>Applied and Environmental Microbiology</i> , 2006, 72, 2936-2941.	3.1	66
39	Inhibition by the antimicrobial agent chlorhexidine of acid production and sugar transport in oral streptococcal bacteria. <i>Archives of Oral Biology</i> , 1983, 28, 233-240.	1.8	59
40	Fluorescence In Situ Hybridization Using Peptide Nucleic Acid Probes for Rapid Detection of <i>Mycobacterium avium</i> subsp. <i>avium</i> and <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in Potable-Water Biofilms. <i>Applied and Environmental Microbiology</i> , 2006, 72, 848-853.	3.1	59
41	Survival of Gastric and Enterohepatic <i>Helicobacter</i> spp. in Water: Implications for Transmission. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1805-1811.	3.1	59
42	Rapid method for the sensitive detection of protein contamination on surgical instruments. <i>Journal of Hospital Infection</i> , 2006, 62, 141-148.	2.9	58
43	Validation of SYTO 9/Propidium Iodide Uptake for Rapid Detection of Viable but Noncultivable <i>Legionella pneumophila</i> . <i>Microbial Ecology</i> , 2009, 58, 56-62.	2.8	57
44	Adhesion of water stressed <i>Helicobacter pylori</i> to abiotic surfaces. <i>Journal of Applied Microbiology</i> , 2006, 101, 718-724.	3.1	56
45	Regulation of glucose metabolism in oral streptococci through independent pathways of glucose 6-phosphate and glucose 1-phosphate formation. <i>Journal of Bacteriology</i> , 1984, 157, 560-567.	2.2	56
46	Microwave-assisted synthesis and antimicrobial activities of flavonoid derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 518-522.	2.2	55
47	Advantages of peptide nucleic acid oligonucleotides for sensitive site directed 16S rRNA fluorescence in situ hybridization (FISH) detection of <i>Campylobacter jejuni</i> , <i>Campylobacter coli</i> and <i>Campylobacter lari</i> . <i>Journal of Microbiological Methods</i> , 2005, 62, 211-219.	1.6	54
48	Development and Application of a Novel Peptide Nucleic Acid Probe for the Specific Detection of <i>Helicobacter pylori</i> in Gastric Biopsy Specimens. <i>Journal of Clinical Microbiology</i> , 2007, 45, 3089-3094.	3.9	53
49	Influence of Sodium and Potassium Ions on Acid Production by Washed Cells of <i>Streptococcus mutans</i> Ingbritt and <i>Streptococcus sanguis</i> NCTC 7865 Grown in a Chemostat. <i>Infection and Immunity</i> , 1982, 36, 476-483.	2.2	52
50	Microbial film formation: dental plaque deposition on acrylic tiles using continuous culture techniques. <i>Journal of Applied Bacteriology</i> , 1987, 62, 129-138.	1.1	51
51	<i>Mycobacterium fortuitum</i> and <i>Mycobacterium chelonae</i> biofilm formation under high and low nutrient conditions. <i>Journal of Applied Microbiology</i> , 1998, 85, 60S-69S.	3.1	51
52	Comparative Study of Surgical Instruments from Sterile-Service Departments for Presence of Residual Gram-Negative Endotoxin and Proteinaceous Deposits. <i>Journal of Clinical Microbiology</i> , 2006, 44, 3728-3733.	3.9	51
53	Development and Application of a Novel Peptide Nucleic Acid Probe for the Specific Detection of <i>Cronobacter</i> Genospecies (<i>Enterobacter sakazakii</i>) in Powdered Infant Formula. <i>Applied and Environmental Microbiology</i> , 2009, 75, 2925-2930.	3.1	51
54	Nitrite and Ammonia Assimilation by Anaerobic Continuous Cultures of <i>Escherichia coli</i> . <i>Journal of General Microbiology</i> , 1974, 85, 11-22.	2.3	50

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55	Validation of a Fluorescence <i>In Situ</i> Hybridization Method Using Peptide Nucleic Acid Probes for Detection of <i>Helicobacter pylori</i> Clarithromycin Resistance in Gastric Biopsy Specimens. <i>Journal of Clinical Microbiology</i> , 2013, 51, 1887-1893.	3.9	49
56	Evidence that glucose and sucrose uptake in oral streptococcal bacteria involves independent phosphotransferase and proton-motive force-mediated mechanisms. <i>Archives of Oral Biology</i> , 1984, 29, 871-878.	1.8	48
57	Formation and dimerization of the phosphodiesterase active site of the <i>Pseudomonas aeruginosa</i> MorA, a bifunctional cAMP-GMP regulator. <i>FEBS Letters</i> , 2014, 588, 4631-4636.	2.8	48
58	Rapid in situ assessment of Cu-ion mediated effects and antibacterial efficacy of copper surfaces. <i>Scientific Reports</i> , 2018, 8, 8172.	3.3	48
59	Development of the BIOLOG substrate utilization system for identification of <i>Legionella</i> spp. <i>Applied and Environmental Microbiology</i> , 1991, 57, 3345-3349.	3.1	48
60	<i>Listeria monocytogenes</i> Can Form Biofilms in Tap Water and Enter Into the Viable but Non-Cultivable State. <i>Microbial Ecology</i> , 2014, 67, 603-611.	2.8	47
61	Adsorption of prion and tissue proteins to surgical stainless steel surfaces and the efficacy of decontamination following dry and wet storage conditions. <i>Journal of Hospital Infection</i> , 2011, 78, 251-255.	2.9	46
62	Influence of iron-limited continuous culture on physiology and virulence of <i>Legionella pneumophila</i> . <i>Infection and Immunity</i> , 1995, 63, 4224-4230.	2.2	46
63	QTLs for shelf life in lettuce co-locate with those for leaf biophysical properties but not with those for leaf developmental traits. <i>Journal of Experimental Botany</i> , 2007, 58, 1433-1449.	4.8	44
64	Lack of Involvement of Fenton Chemistry in Death of Methicillin-Resistant and Methicillin-Sensitive Strains of <i>Staphylococcus aureus</i> and Destruction of Their Genomes on Wet or Dry Copper Alloy Surfaces. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2132-2136.	3.1	43
65	Relationship of Bioenergetic Processes to the Pathogenic Properties of Oral Bacteria. <i>Journal of Dental Research</i> , 1984, 63, 401-406.	5.2	42
66	Use of fluorescent in situ hybridisation for the visualisation of <i>Helicobacter pylori</i> in real drinking water biofilms. <i>Water Science and Technology</i> , 2007, 55, 387-393.	2.5	42
67	Interaction of <i>legionella pneumophila</i> and <i>helicobacter pylori</i> with bacterial species isolated from drinking water biofilms. <i>BMC Microbiology</i> , 2011, 11, 57.	3.3	42
68	Novel Insights into the <i>Proteus mirabilis</i> Crystalline Biofilm Using Real-Time Imaging. <i>PLoS ONE</i> , 2015, 10, e0141711.	2.5	42
69	A New Model for the Transmission of <i>Helicobacter pylori</i> : Role of Environmental Reservoirs as Gene Pools to Increase Strain Diversity. <i>Critical Reviews in Microbiology</i> , 2007, 33, 157-169.	6.1	40
70	Nutrient Shock and Incubation Atmosphere Influence Recovery of Culturable <i>Helicobacter pylori</i> from Water. <i>Applied and Environmental Microbiology</i> , 2004, 70, 490-493.	3.1	39
71	Effect of drying time, ambient temperature and pre-soaks on prion-infected tissue contamination levels on surgical stainless steel: concerns over prolonged transportation of instruments from theatre to central sterile service departments. <i>Journal of Hospital Infection</i> , 2007, 65, 72-77.	2.9	39
72	Study of microbial biofilms using light microscope techniques. <i>International Biodeterioration and Biodegradation</i> , 1994, 34, 223-236.	3.9	37

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73	Control of <i>Legionella pneumophila</i> in a hospital water system by chlorine dioxide. <i>Journal of Industrial Microbiology</i> , 1995, 15, 384-390.	0.9	37
74	Comparison between visual analysis and microscope assessment of surgical instrument cleanliness from sterile service departments. <i>Journal of Hospital Infection</i> , 2008, 68, 52-58.	2.9	37
75	Laser-patterned paper-based sensors for rapid point-of-care detection and antibiotic-resistance testing of bacterial infections. <i>Biosensors and Bioelectronics</i> , 2020, 152, 112008.	10.1	37
76	Biocide treatment of biofilms. <i>International Biodeterioration</i> , 1990, 26, 169-179.	0.2	36
77	Physiology and morphology of <i>Legionella pneumophila</i> in continuous culture at low oxygen concentration. <i>Journal of General Microbiology</i> , 1992, 138, 2371-2380.	2.3	36
78	Evaluation of microscopic techniques to observe iron precipitation in a natural microbial biofilm. <i>FEMS Microbiology Ecology</i> , 1998, 26, 297-310.	2.7	36
79	Reporter genes and fluorescent probes for studying the colonisation of biofilms in a drinking water supply line by enteric bacteria. <i>FEMS Microbiology Letters</i> , 1995, 129, 183-188.	1.8	35
80	A Study of Iron Acquisition Mechanisms of <i>Legionella pneumophila</i> Grown in Chemostat Culture. <i>Current Microbiology</i> , 1997, 34, 238-243.	2.2	35
81	Drinking water biofilm assessment of total and culturable bacteria under different operating conditions. <i>Biofouling</i> , 2006, 22, 91-99.	2.2	35
82	PNA-FISH as a new diagnostic method for the determination of clarithromycin resistance of <i>Helicobacter pylori</i> . <i>BMC Microbiology</i> , 2011, 11, 101.	3.3	34
83	Use of episcopic differential interference contrast microscopy to identify bacterial biofilms on salad leaves and track colonization by <i>Salmonella Thompson</i> . <i>Environmental Microbiology</i> , 2008, 10, 918-925.	3.8	33
84	Persistent residual contamination in endoscope channels; a fluorescence epimicroscopy study. <i>Endoscopy</i> , 2016, 48, 609-616.	1.8	32
85	Growth temperature reversibly modulates the virulence of <i>Legionella pneumophila</i> . <i>Infection and Immunity</i> , 1994, 62, 2995-2997.	2.2	30
86	Continuous culture studies of biofilm associated with copper corrosion. <i>International Biodeterioration</i> , 1991, 27, 121-134.	0.2	29
87	Targeting Species-Specific Low-Affinity 16S rRNA Binding Sites by Using Peptide Nucleic Acids for Detection of <i>Legionellae</i> in Biofilms. <i>Applied and Environmental Microbiology</i> , 2006, 72, 5453-5462.	3.1	29
88	Amyloid-specific fluorophores for the rapid, sensitive in situ detection of prion contamination on surgical instruments. <i>Journal of General Virology</i> , 2007, 88, 2619-2626.	2.9	29
89	Effect of Chlorine on Incorporation of <i>Helicobacter pylori</i> into Drinking Water Biofilms. <i>Applied and Environmental Microbiology</i> , 2010, 76, 1669-1673.	3.1	29
90	Current limitations about the cleaning of luminal endoscopes. <i>Journal of Hospital Infection</i> , 2013, 83, 22-29.	2.9	29

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91	Influence of oxygen availability on physiology, verocytotoxin expression and adherence of <i>Escherichia coli</i> O157. <i>Journal of Applied Microbiology</i> , 1999, 86, 117-124.	3.1	28
92	Influence of copper surfaces on biofilm formation by <i>Legionella pneumophila</i> in potable water. <i>BioMetals</i> , 2015, 28, 329-339.	4.1	28
93	Detection of <i>Legionella pneumophila</i> in biofilms containing a complex microbial consortium by gas chromatography-mass spectrometry analysis of genus-specific hydroxy fatty acids. <i>FEMS Microbiology Letters</i> , 1993, 113, 139-144.	1.8	26
94	Comparison between standard culture and peptide nucleic acid 16S rRNA hybridization quantification to study the influence of physico-chemical parameters on <i>Legionella pneumophila</i> survival in drinking water biofilms. <i>Biofouling</i> , 2009, 25, 335-343.	2.2	26
95	Incorporation of natural uncultivable <i>Legionella pneumophila</i> into potable water biofilms provides a protective niche against chlorination stress. <i>Biofouling</i> , 2009, 25, 345-351.	2.2	26
96	Current risk of iatrogenic Creutzfeldt-Jakob disease in the UK: efficacy of available cleaning chemistries and reusability of neurosurgical instruments. <i>Journal of Hospital Infection</i> , 2010, 75, 309-313.	2.9	26
97	Rapid detection of biofilms and adherent pathogens using scanning confocal laser microscopy and episcopic differential interference contrast microscopy. <i>Water Science and Technology</i> , 2003, 47, 105-16.	2.5	26
98	An investigation of the efficacy of a bromine containing biocide on an aquatic consortium of planktonic and biofilm microorganisms including <i>Legionella pneumophila</i> . <i>Biofouling</i> , 1994, 8, 47-54.	2.2	25
99	Doped diamond-like carbon coatings for surgical instruments reduce protein and prion-amyloid biofouling and improve subsequent cleaning. <i>Biofouling</i> , 2012, 28, 563-569.	2.2	25
100	Cold water cleaning of brain proteins, biofilm and bone – harnessing an ultrasonically activated stream. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 20574-20579.	2.8	25
101	Increased Degradative Enzyme Production by Dental Plaque Bacteria in Mucin-limited Continuous Culture. <i>Microbial Ecology in Health and Disease</i> , 1988, 1, 85-94.	3.5	24
102	Protonmotive force driven 6-deoxyglucose uptake by the oral pathogen, <i>Streptococcus mutans</i> Ingbritt. <i>Archives of Microbiology</i> , 1986, 146, 118-124.	2.2	23
103	A paint incorporating silver to control mixed biofilms containing <i>Legionella pneumophila</i> . <i>Journal of Industrial Microbiology</i> , 1995, 15, 377-383.	0.9	23
104	Examination of biofilm formation and risk of infection associated with the use of urinary catheters with leg bags. <i>Journal of Hospital Infection</i> , 1996, 32, 105-115.	2.9	23
105	Time to go large on biofilm research: advantages of an omics approach. <i>Biotechnology Letters</i> , 2009, 31, 477-485.	2.2	23
106	Additive Inhibitory Effects of Combinations of Fluoride and Chlorhexidine on Acid Production by <i>Streptococcus mutans</i> and <i>Streptococcus sanguis</i> . <i>Caries Research</i> , 1985, 19, 64-71.	2.0	21
107	Scanning confocal laser microscopy study of biofilm induced corrosion on copper plumbing tubes. <i>Biofouling</i> , 1998, 12, 333-344.	2.2	21
108	The sensitivity of approved Ninhydrin and Biuret tests in the assessment of protein contamination on surgical steel as an aid to prevent iatrogenic prion transmission. <i>Journal of Hospital Infection</i> , 2006, 64, 288-292.	2.9	21

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109	Physiology and Virulence Determinants of <i>Neisseria gonorrhoeae</i> Grown in Glucose-, Oxygen- or Cystine-limited Continuous Culture. <i>Microbiology (United Kingdom)</i> , 1986, 132, 3289-3302.	1.8	20
110	A rapid dual staining procedure for the quantitative discrimination of prion amyloid from tissues reveals how interactions between amyloid and lipids in tissue homogenates may hinder the detection of prions. <i>Journal of Microbiological Methods</i> , 2009, 77, 90-97.	1.6	20
111	Application of flow cytometry for the identification of <i>Staphylococcus epidermidis</i> by peptide nucleic acid fluorescence in situ hybridization (PNA FISH) in blood samples. <i>Antonie Van Leeuwenhoek</i> , 2011, 100, 463-470.	1.7	20
112	Differential internalin A levels in biofilms of <i>Listeria monocytogenes</i> grown on different surfaces and nutrient conditions. <i>International Journal of Food Microbiology</i> , 2016, 219, 50-55.	4.7	18
113	Biofilm Development on Urinary Catheters Promotes the Appearance of Viable but Nonculturable Bacteria. <i>MBio</i> , 2021, 12, .	4.1	18
114	Inhibition of the Synthesis and Secretion of Extracellular Glucosyl- and Fructosyltransferase in <i>Streptococcus sanguis</i> by Sodium Ions. <i>Microbiology (United Kingdom)</i> , 1984, 130, 77-82.	1.8	17
115	Rapid detection of urinary tract infections caused by <i>Proteus</i> spp. using PNA-FISH. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013, 32, 781-786.	2.9	17
116	Modelling vaporised hydrogen peroxide efficacy against mono-species biofilms. <i>Scientific Reports</i> , 2018, 8, 12257.	3.3	17
117	Heterogeneous Mosaic Biofilm – A Haven for Waterborne Pathogens. , 1995, , 196-204.		17
118	Are surgical stainless steel wires used for intracranial implantation of PrPsc a good model of iatrogenic transmission from contaminated surgical stainless steel instruments after cleaning?. <i>Journal of Hospital Infection</i> , 2006, 64, 339-343.	2.9	16
119	Hyperbaric biofilms on engineering surfaces formed in the deep sea. <i>Biofouling</i> , 2013, 29, 1029-1042.	2.2	16
120	Antigenic modulation of <i>Bordetella pertussis</i> continuous culture. <i>FEMS Microbiology Letters</i> , 1983, 19, 105-109.	1.8	15
121	Comparison of polyvinyl chloride membrane electrodes sensitive to alkylphosphonium ions for the determination of the electrical difference ($\Delta\psi$) of <i>Streptococcus mutans</i> and <i>Lactobacillus casei</i> . <i>Analytical Biochemistry</i> , 1984, 139, 228-236.	2.4	15
122	Effect of Environmental Conditions on the Fluoride Sensitivity of Acid Production by <i>S. sanguis</i> NCTC 7865. <i>Journal of Dental Research</i> , 1985, 64, 85-89.	5.2	15
123	Bacteria and nanosilver: the quest for optimal production. <i>Critical Reviews in Biotechnology</i> , 2019, 39, 272-287.	9.0	15
124	Effect of growth conditions on the involvement of cytochrome c in electron transport, proton translocation and ATP synthesis in the facultative methylotroph <i>Pseudomonas AM1</i> . <i>Biochemical Journal</i> , 1979, 182, 71-79.	3.7	14
125	Synthesis of a fructosyltransferase by <i>Streptococcus sanguis</i> . <i>FEMS Microbiology Letters</i> , 1983, 20, 155-157.	1.8	14
126	The dependence of <i>Legionella pneumophila</i> on other aquatic bacteria for survival on R2A medium. <i>International Biodeterioration and Biodegradation</i> , 1994, 33, 223-236.	3.9	14

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127	Application of a fluorescent dual stain to assess decontamination of tissue protein and prion amyloid from surgical stainless steel during simulated washer-disinfecter cycles. <i>Journal of Hospital Infection</i> , 2010, 75, 66-71.	2.9	14
128	An effective evidence-based cleaning method for the safe reuse of intermittent urinary catheters: In vitro testing. <i>Neurourology and Urodynamics</i> , 2020, 39, 907-915.	1.5	14
129	[8] Continuous culture models to study pathogens in Biofilms. <i>Methods in Enzymology</i> , 2001, 337, 104-122.	1.0	14
130	Influence of Iron-limited and Replete Continuous Culture on the Physiology and Virulence of <i>Neisseria gonorrhoeae</i> . <i>Microbiology (United Kingdom)</i> , 1989, 135, 851-863.	1.8	13
131	Hydrodynamic shear stress to remove <i>Listeria monocytogenes</i> biofilms from stainless steel and polytetrafluoroethylene surfaces. <i>Journal of Applied Microbiology</i> , 2013, 114, 256-265.	3.1	13
132	Antimicrobial coating innovations to prevent infectious disease: a consensus view from the AMICI COST Action. <i>Journal of Hospital Infection</i> , 2020, 105, 116-118.	2.9	13
133	Establishment of a continuous model system to study <i>Helicobacter pylori</i> survival in potable water biofilms. <i>Water Science and Technology</i> , 2003, 47, 155-60.	2.5	13
134	Rapid detection of biofilm on corroded copper pipes. <i>Biofouling</i> , 1994, 8, 55-63.	2.2	12
135	Proposal for a method to estimate nutrient shock effects in bacteria. <i>BMC Research Notes</i> , 2012, 5, 422.	1.4	12
136	Efficacy of humidity retention bags for the reduced adsorption and improved cleaning of tissue proteins including prion-associated amyloid to surgical stainless steel surfaces. <i>Biofouling</i> , 2015, 31, 535-541.	2.2	12
137	Regulation of Respiratory and Fermentative Modes of Growth of <i>Citrobacter freundii</i> by Oxygen, Nitrate and Glucose. <i>Journal of General Microbiology</i> , 1979, 113, 83-95.	2.3	11
138	Environmental Regulation of Carbohydrate Metabolism by <i>Streptococcus sanguis</i> NCTC 7865 Grown in a Chemostat. <i>Microbiology (United Kingdom)</i> , 1985, 131, 2505-2514.	1.8	10
139	Diathermy forceps and pencils: reservoirs for protein and prion contamination?. <i>Journal of Hospital Infection</i> , 2006, 64, 193-194.	2.9	10
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