Simon Swift

List of Publications by Year in descending order

155 papers	15,763 citations	71061 41 h-index	18115 120 g-index
162 all docs	162 docs citations	162 times ranked	20199 citing authors

#	Article	IF	Citations
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	5.5	6,961
2	Quorum sensing and Chromobacterium violaceum: exploitation of violacein production and inhibition for the detection of N-acylhomoserine lactones. Microbiology (United Kingdom), 1997, 143, 3703-3711.	0.7	1,543
3	Construction and analysis ofluxCDABE-based plasmid sensors for investigatingN-acyl homoserine lactone-mediated quorum sensing. FEMS Microbiology Letters, 1998, 163, 185-192.	0.7	562
4	Quorum sensing in Aeromonas hydrophila and Aeromonas salmonicida: identification of the LuxRI homologs AhyRI and AsaRI and their cognate N-acylhomoserine lactone signal molecules. Journal of Bacteriology, 1997, 179, 5271-5281.	1.0	381
5	The regulation of biofilm development by quorum sensing in Aeromonas hydrophila. Environmental Microbiology, 2002, 4, 18-28.	1.8	290
6	Quorum sensing as an integral component of gene regulatory networks in Gram-negative bacteria. Current Opinion in Microbiology, 2001, 4, 186-193.	2.3	278
7	SdiA of Salmonella enterica Is a LuxR Homolog That Detects Mixed Microbial Communities. Journal of Bacteriology, 2001, 183, 5733-5742.	1.0	274
8	Quorum sensing: a population-density component in the determination of bacterial phenotype. Trends in Biochemical Sciences, 1996, 21, 214-219.	3.7	253
9	Engineering theluxCDABEgenes fromPhotorhabdus luminescensto provide a bioluminescent reporter for constitutive and promoter probe plasmids and mini-Tn5constructs. FEMS Microbiology Letters, 1998, 163, 193-202.	0.7	240
10	Quorum sensing as a population-density-dependent determinant of bacterial physiology. Advances in Microbial Physiology, 2001, 45, 199-270.	1.0	239
11	Quorum Sensing-Dependent Regulation and Blockade of Exoprotease Production in Aeromonas hydrophila. Infection and Immunity, 1999, 67, 5192-5199.	1.0	232
12	A novel strategy for the isolation of luxI homologues: evidence for the widespread distribution of a LuxR:LuxI superfamily in enteric bacteria. Molecular Microbiology, 1993, 10, 511-520.	1.2	212
13	Quorum sensing and the population-dependent control of virulence. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 667-680.	1.8	211
14	Broad spectrum antimicrobial activity of functionalized polyanilines. Acta Biomaterialia, 2011, 7, 4204-4209.	4.1	173
15	The LuxR family protein SpnR functions as a negative regulator of N-acylhomoserine lactone-dependent quorum sensing in Serratia marcescens. Molecular Microbiology, 2002, 45, 1655-1671.	1.2	155
16	Evaluation of gallic acid loaded zein sub-micron electrospun fibre mats as novel active packaging materials. Food Chemistry, 2013, 141, 3192-3200.	4.2	136
17	Gut microbiota modulates COPD pathogenesis: role of anti-inflammatory Parabacteroides goldsteinii lipopolysaccharide. Gut, 2022, 71, 309-321.	6.1	126
18	Expression of zebrafish cxcl8 (interleukin-8) and its receptors during development and in response to immune stimulation. Developmental and Comparative Immunology, 2010, 34, 352-359.	1.0	125

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19	Uropathogenic Escherichia coli Releases Extracellular Vesicles That Are Associated with RNA. PLoS ONE, 2016, 11, e0160440.	1.1	119
20	Essential Oils and Their Major Components: An Updated Review on Antimicrobial Activities, Mechanism of Action and Their Potential Application in the Food Industry. Foods, 2022, 11, 464.	1.9	117
21	Optimisation of the Protocol for the LIVE/DEADÂ® BacLightTM Bacterial Viability Kit for Rapid Determination of Bacterial Load. Frontiers in Microbiology, 2019, 10, 801.	1.5	114
22	Gram-negative bacterial communication by N-acyl homoserine lactones: a universal language?. Trends in Microbiology, 1994, 2, 193-198.	3.5	105
23	Quorum sensing: a population-density component in the determination of bacterial phenotype. Trends in Biochemical Sciences, 1996, 21, 214-9.	3.7	103
24	The Growth Response of Escherichia coli to Neurotransmitters and Related Catecholamine Drugs Requires a Functional Enterobactin Biosynthesis and Uptake System. Infection and Immunity, 2002, 70, 5913-5923.	1.0	101
25	The inflammatory bowel disease (IBD) susceptibility genes NOD1 and NOD2 have conserved anti-bacterial roles in zebrafish. DMM Disease Models and Mechanisms, 2011, 4, 832-841.	1.2	89
26	Isolation of membrane vesicles from prokaryotes: a technical and biological comparison reveals heterogeneity. Journal of Extracellular Vesicles, 2017, 6, 1324731.	5.5	85
27	Cloning, Sequencing, and Role in Virulence of Two Phospholipases (A1 and C) from Mesophilic Aeromonas sp. Serogroup O:34. Infection and Immunity, 1999, 67, 4008-4013.	1.0	84
28	Identification of a Quorum-Sensing Signal Molecule in the Facultative Intracellular Pathogen Brucella melitensis. Infection and Immunity, 2002, 70, 3004-3011.	1.0	80
29	The RssAB Two-Component Signal Transduction System in Serratia marcescens Regulates Swarming Motility and Cell Envelope Architecture in Response to Exogenous Saturated Fatty Acids. Journal of Bacteriology, 2005, 187, 3407-3414.	1.0	79
30	Analysis of the Escherichia coli extracellular vesicle proteome identifies markers of purity and culture conditions. Journal of Extracellular Vesicles, 2019, 8, 1632099.	5.5	79
31	Ocular surface microbiome in meibomian gland dysfunction. Clinical and Experimental Ophthalmology, 2017, 45, 105-111.	1.3	73
32	The functional RNA cargo of bacterial membrane vesicles. FEMS Microbiology Letters, 2018, 365, .	0.7	64
33	Absolute bacterial cell enumeration using flow cytometry. Journal of Applied Microbiology, 2017, 123, 464-477.	1.4	56
34	Small molecule-mediated density-dependent control of gene expression in prokaryotes: Bioluminescence and the biosynthesis of carbapenem antibiotics. FEMS Microbiology Letters, 1992, 100, 161-167.	0.7	54
35	Small molecule-mediated density-dependent control of gene expression in prokaryotes: Bioluminescence and the biosynthesis of carbapenem antibiotics. FEMS Microbiology Letters, 1992, 100, 161-167.	0.7	53
36	The role of salicylate and biosurfactant in inducing phenanthrene degradation in batch soil slurries. Applied Microbiology and Biotechnology, 2010, 86, 1563-1571.	1.7	52

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37	New signal molecules on the quorum-sensing block. Trends in Microbiology, 2000, 8, 101-103.	3.5	48
38	Molecular Weight and Charge Density Effects of Guanidinylated Biodegradable Polycarbonates on Antimicrobial Activity and Selectivity. Biomacromolecules, 2018, 19, 1389-1401.	2.6	48
39	TheAeromonas hydrophilaLuxR homologue AhyR regulates theN-acyl homoserine lactone synthase, AhyI positively and negatively in a growth phase-dependent manner. FEMS Microbiology Letters, 2004, 241, 109-117.	0.7	47
40	Clarifying the regulation of NO/N2O production in Nitrosomonas europaea during anoxicâ€“oxic transition via flux balance analysis of a metabolic network model. Water Research, 2014, 60, 267-277.	5.3	47
41	Development of gatifloxacin-loaded cationic polymeric nanoparticles for ocular drug delivery. Pharmaceutical Development and Technology, 2016, 21, 172-179.	1.1	46
42	Cellulose acetate electrospun nanofibers encapsulating Lemon Myrtle essential oil as active agent with potent and sustainable antimicrobial activity. Reactive and Functional Polymers, 2020, 157, 104769.	2.0	45
43	Intramucosal Bacterial Microcolonies Exist in Chronic Rhinosinusitis without Inducing a Local Immune Response. American Journal of Rhinology and Allergy, 2012, 26, 265-270.	1.0	41
44	Microbiological Contamination of Drugs during Their Administration for Anesthesia in the Operating Room. Anesthesiology, 2016, 124, 785-794.	1.3	39
45	Cadmium(II) Speciation in Complex Aquatic Systems: A Study with Ferrihydrite, Bacteria, and an Organic Ligand. Environmental Science & Technology, 2009, 43, 7430-7436.	4.6	37
46	Screening of anti-mycobacterial compounds in a naturally infected zebrafish larvae model. Journal of Antimicrobial Chemotherapy, 2017, 72, 421-427.	1.3	37
47	The antimicrobial action of polyaniline involves production of oxidative stress while functionalisation of polyaniline introduces additional mechanisms. PeerJ, 2018, 6, e5135.	0.9	36
48	The role of RsmA in the regulation of swarming motility inSerratia marcescens. Journal of Biomedical Science, 2001, 8, 160-169.	2.6	35
49	The Role of RsmA in the Regulation of Swarming Motility in Serratia marcescens. Journal of Biomedical Science, 2001, 8, 160-169.	2.6	35
50	Characterization and antimicrobial efficacy of acetone extracted aniline oligomers. Synthetic Metals, 2012, 162, 1114-1119.	2.1	35
51	Effects of surfactants on cell surface tension parameters and hydrophobicity of Pseudomonas putida 852 and Rhodococcus erythropolis 3586. Colloids and Surfaces B: Biointerfaces, 2013, 105, 43-50.	2.5	35
52	Rapid and cost-effective evaluation of bacterial viability using fluorescence spectroscopy. Analytical and Bioanalytical Chemistry, 2019, 411, 3653-3663.	1.9	35
53	PCR based gene engineering of the Vibrio harveyi lux operon and the Escherichia coli trp operon provides for biochemically functional native and fused gene products. Molecular Genetics and Genomics, 1991, 226-226, 41-48.	2.4	34
54	Uropathogenic Escherichia coliâ€ƒforms biofilm aggregates under iron restriction that disperse upon the supply of iron. FEMS Microbiology Letters, 2010, 307, 102-109.	0.7	34

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55	Role of flhDC in the Expression of the Nuclease Gene nucA, Cell Division and Flagellar Synthesis in Serratia marcescens. Journal of Biomedical Science, 2000, 7, 475-483.	2.6	33
56	Drainage mechanism of microbubble dispersion and factors influencing its stability. Journal of Colloid and Interface Science, 2009, 337, 548-554.	5.0	32
57	Nanostructured bioactive material based on polycaprolactone and polyaniline fiber-scaffolds. Synthetic Metals, 2014, 198, 41-50.	2.1	31
58	Characterization of an Antioxidant and Antimicrobial Extract from Cool Climate, White Grape Marc. Antioxidants, 2019, 8, 232.	2.2	31
59	Surfactants and Bacterial Bioremediation of Polycyclic Aromatic Hydrocarbon Contaminated Soilâ€"Unlocking the Targets. Critical Reviews in Environmental Science and Technology, 2010, 41, 78-124.	6.6	30
60	A rapid and low-cost estimation of bacteria counts in solution using fluorescence spectroscopy. Analytical and Bioanalytical Chemistry, 2017, 409, 3959-3967.	1.9	30
61	Evaluation of antioxidant and antimicrobial properties of biocompatible low density polyethylene/polyaniline blends. Journal of Food Engineering, 2013, 116, 422-429.	2.7	28
62	Electrospun poly(anilineâ€coâ€ethyl 3â€aminobenzoate)/poly(lactic acid) nanofibers and their potential in biomedical applications. Journal of Polymer Science Part A, 2011, 49, 4902-4910.	2.5	26
63	Anaesthetic drug administration as a potential contributor to healthcare-associated infections: a prospective simulation-based evaluation of aseptic techniques in the administration of anaesthetic drugs. BMJ Quality and Safety, 2012, 21, 826-834.	1.8	26
64	Catalytic oxidative degradation of 17Î±-ethinylestradiol by FeIII-TAML/H2O2: Estrogenicities of the products of partial, andÂextensive oxidation. Water Research, 2012, 46, 6309-6318.	5.3	26
65	Role offlhDC in the expression of the nuclease genenucA, cell division and flagellar synthesis inserratia marcescens. Journal of Biomedical Science, 2000, 7, 475-483.	2.6	24
66	Estrogenic activity of cylindrospermopsin and anatoxin-a and their oxidative products by FeIII-B*/H2O2. Water Research, 2018, 132, 309-319.	5.3	24
67	Species Dependence of SYTO 9 Staining of Bacteria. Frontiers in Microbiology, 2020, 11, 545419.	1.5	24
68	Are biofilms associated with an inflammatory response in chronic rhinosinusitis?. International Forum of Allergy and Rhinology, 2011, 1, 335-339.	1.5	23
69	Low-dose irradiation affects the functional behavior of oral microbiota in the context of mucositis. Experimental Biology and Medicine, 2016, 241, 60-70.	1.1	23
70	Deposit buildup on prosthetic eye material (in vitro) and its effect on surface wettability. Clinical Ophthalmology, 2013, 7, 313.	0.9	22
71	Efficacy and safety assessment of a novel ultraviolet C device for treating corneal bacterial infections. Clinical and Experimental Ophthalmology, 2011, 39, 156-163.	1.3	21
72	Novel Fiber Optic Detection Method for in Situ Analysis of Fluorescently Labeled Biosensor Organisms. Environmental Science & Technology, 2012, 46, 5414-5421.	4.6	21

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73	Development of an oral mucosa model to study host-microbiome interactions during wound healing. Applied Microbiology and Biotechnology, 2014, 98, 6831-6846.	1.7	21
74	Near real-time enumeration of live and dead bacteria using a fibre-based spectroscopic device. Scientific Reports, 2019, 9, 4807.	1.6	20
75	The inner workings of a quorum sensing signal generator. Trends in Microbiology, 1996, 4, 463-465.	3.5	18
76	Induction of Microbial Oxidative Stress as a New Strategy to Enhance the Enzymatic Degradation of Organic Micropollutants in Synthetic Wastewater. Environmental Science & Technology, 2019, 53, 9553-9563.	4.6	18
77	Effect of common and experimental anti-tuberculosis treatments onMycobacterium tuberculosisgrowing as biofilms. PeerJ, 2016, 4, e2717.	0.9	17
78	A Novel Restraint Device for Injection of Galleria mellonella Larvae that Minimizes the Risk of Accidental Operator Needle Stick Injury. Frontiers in Cellular and Infection Microbiology, 2017, 7, 99.	1.8	16
79	Investigation of Polyaniline and a Functionalised Derivative as Antimicrobial Additives to Create Contamination Resistant Surfaces. Materials, 2018, 11, 436.	1.3	16
80	Topical semifluorinated alkane-based azithromycin suspension for the management of ocular infections. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 83-91.	2.0	16
81	The role of host molecules in communication with the resident and pathogenic microbiota: A review. Medicine in Microecology, 2020, 4, 100005.	0.7	16
82	Genetic Analysis, Using P22 Challenge Phage, of the Nitrogen Activator Protein DNA-Binding Site in the Klebsiella aerogenes put Operon. Journal of Bacteriology, 1998, 180, 571-577.	1.0	16
83	Epipyrone A, a Broad-Spectrum Antifungal Compound Produced by Epicoccum nigrum ICMP 19927. Molecules, 2020, 25, 5997.	1.7	15
84	â€œCLipPâ€ing on lipids to generate antibacterial lipopeptides. Chemical Science, 2020, 11, 5759-5765.	3.7	15
85	Construction and analysis of luxCDABE-based plasmid sensors for investigating N-acyl homoserine lactone-mediated quorum sensing. FEMS Microbiology Letters, 1998, 163, 185-192.	0.7	15
86	The Transition from Iron Starvation to Iron Sufficiency as an Important Step in the Progression of Infection. Science Progress, 2014, 97, 371-382.	1.0	14
87	The complex, bidirectional role of extracellular vesicles in infection. Biochemical Society Transactions, 2021, 49, 881-891.	1.6	14
88	Safety and efficacy of UV application for superficial infections in humans: A systematic review and meta-analysis. Ocular Surface, 2021, 21, 331-344.	2.2	14
89	Spectrum and Sensitivity of Bacterial Keratitis Isolates in Auckland. Journal of Ophthalmology, 2016, 2016, 1-8.	0.6	13
90	Randomised masked trial of the clinical safety and tolerability of MGO Manuka Honey eye cream for the management of blepharitis. BMJ Open Ophthalmology, 2017, 1, e000066.	0.8	13

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91	Using Neutron Reflectometry to Characterize Antimicrobial Protein Surface Coatings. Journal of Physical Chemistry B, 2017, 121, 5908-5916.	1.2	12
92	Optical methods for bacterial detection and characterization. APL Photonics, 2021, 6, 080903.	3.0	12
93	Antimicrobial and antioxidant AIE chitosan-based films incorporating a Pickering emulsion of lemon myrtle (Backhousia citriodora) essential oil. Food Hydrocolloids, 2022, 133, 107971.	5.6	12
94	Preclinical development of MGO Manuka Honey microemulsion for blepharitis management. BMJ Open Ophthalmology, 2017, 1, e000065.	0.8	11
95	Changes in estrogenicity and micropollutant concentrations across unit processes in a biological wastewater treatment system. Water Science and Technology, 2018, 77, 1673-1682.	1.2	11
96	Effect of surfactants on Aspergillus brasiliensis ATCC 16404 physicochemical properties. Journal of Environmental Chemical Engineering, 2018, 6, 3392-3398.	3.3	11
97	Staphylococcus aureus Biofilms and Their Response to a Relevant in vivo Iron Source. Frontiers in Microbiology, 2020, 11, 509525.	1.5	11
98	Guanidinylated Amphiphilic Polycarbonates with Enhanced Antimicrobial Activity by Extending the Length of the Spacer Arm and Micelle Selfâ€Assembly. Macromolecular Bioscience, 2020, 20, e2000065.	2.1	11
99	Enhanced Antibacterial Activity of MGOTM Manuka Honey complexed with a- cyclodextrin (Manuka) Tj ETQq1 1 0.784314 rgBT /Over	0.3	11
100	The molecular biology of tryptophan synthase: a model for protein-protein interaction. Biotechnology and Genetic Engineering Reviews, 1991, 9, 229-94.	2.4	11
101	Native New Zealand plants with inhibitory activity towards Mycobacterium tuberculosis. BMC Complementary and Alternative Medicine, 2010, 10, 25.	3.7	10
102	Rapid Detection of Escherichia coli Antibiotic Susceptibility Using Live/Dead Spectrometry for Lytic Agents. Microorganisms, 2021, 9, 924.	1.6	10
103	Effect of the Extracellular Vesicle RNA Cargo From Uropathogenic Escherichia coli on Bladder Cells. Frontiers in Molecular Biosciences, 2020, 7, 580913.	1.6	9
104	Engineering the luxCDABE genes from Photorhabdus luminescens to provide a bioluminescent reporter for constitutive and promoter probe plasmids and mini-Tn5 constructs. FEMS Microbiology Letters, 1998, 163, 193-202.	0.7	9
105	Label-Free Classification of Bacterial Extracellular Vesicles by Combining Nanoplasmonic Sensors With Machine Learning. IEEE Sensors Journal, 2022, 22, 1128-1137.	2.4	9
106	Effect of therapeutic UVC on corneal DNA: Safety assessment for potential keratitis treatment. Ocular Surface, 2021, 20, 130-138.	2.2	8
107	Protein-Resistant Behavior of Poly(ethylene glycol)-Containing Polymers with Phosphonate/Phosphate Units on Stainless Steel Surfaces. ACS Applied Polymer Materials, 2021, 3, 2785-2801.	2.0	8
108	Bacterial RNA as a signal to eukaryotic cells as part of the infection process. Discoveries, 2016, 4, e70.	1.5	8

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109	Selection and analysis of non-interactive mutants in theEscherichia coli tryptophan synthase a subunit. Molecular Genetics and Genomics, 1992, 233, 129-135.	2.4	7
110	Profiling of headspace volatiles from Escherichia coli cultures using siliconeâ€based sorptive media and thermal desorption GCâ€“MS. Journal of Separation Science, 2018, 41, 4133-4141.	1.3	7
111	Anchored quaternary ammonium salts adsorbed on polyurethane film surfaces. Progress in Organic Coatings, 2020, 138, 105343.	1.9	7
112	The tuberculocidal activity of polyaniline and functionalised polyanilines. PeerJ, 2016, 4, e2795.	0.9	7
113	Continuous ambulatory peritoneal dialysis-associated peritonitis as a model device-related infection: phenotypic adaptation, the staphylococcal cell envelope and infection. Journal of Hospital Infection, 1995, 30, 35-43.	1.4	6
114	Molecular genetics of bacteria (2nd edn). Trends in Microbiology, 1995, 3, 287.	3.5	6
115	Cadmium (II) distribution in complex aquatic systems containing ferrihydrite, bacteria and an organic ligand: The effect of bioactivity. Applied Geochemistry, 2011, 26, 898-906.	1.4	6
116	Total viable bacterial count using a real time all-fibre spectroscopic system. Analyst, The, 2013, 138, 4112-4119.	1.7	6
117	Antimicrobial anilinium polymers: The properties of poly(N , N â€dimethylaminophenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.5	6
118	Effect of rhamnolipid on the physicochemical properties and interaction of bacteria and fungi. Brazilian Journal of Microbiology, 2020, 51, 1317-1326.	0.8	6
119	Quorum Sensing within the Gut Ecosystem. Microbial Ecology in Health and Disease, 2000, 12, .	3.8	6
120	Synthesis of a Novel Polyaniline Glycopolymer and its Lectin Binding Studies. Australian Journal of Chemistry, 2014, 67, 562.	0.5	5
121	Bead-Based Flow-Cytometric Cell Counting of Live and Dead Bacteria. Methods in Molecular Biology, 2019, 1968, 123-134.	0.4	5
122	Ex vivo evaluation of the influence of pH on the ophthalmic safety, antibacterial efficacy and storage stability of povidoneâ€iodine. Australasian journal of optometry, The, 2021, 104, 162-166.	0.6	5
123	Rapid evaluation of bacterial viability using the optrode â€“ a near real time portable fluorimeter. , 2016, , .		5
124	Regulatory roles of spnT, a novel gene located within transposon TnTIR. Biochemical and Biophysical Research Communications, 2006, 348, 1038-1046.	1.0	4
125	Analysis of bacteria-derived outer membrane vesicles using tunable resistive pulse sensing. Proceedings of SPIE, 2015, , .	0.8	4
126	Comparison of phenanthrene removal by Aspergillus niger ATC 16404 (filamentous fungi) and Pseudomonas putida KT2442 (bacteria) in enriched nutrient-liquid medium. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012047.	0.2	4

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127	Composition tuning of scalable antibacterial polyaniline/chitosan composites through rapid enhanced microwave synthesis. Materials Chemistry and Physics, 2022, 278, 125676.	2.0	4
128	Preclinical confirmation of UVC efficacy in treating infectious keratitis. Ocular Surface, 2022, 25, 76-86.	2.2	4
129	7 The Molecular Biology of Tryptophan Synthase: A Model for Proteinâ€"Protein Interaction. Biotechnology and Genetic Engineering Reviews, 1991, 9, 229-294.	2.4	3
130	The Molecular Biology of Tryptophan Synthase: A Model for Protein-Protein Interaction. Biotechnology and Genetic Engineering Reviews, 1991, 9, 229-294.	2.4	3
131	QUORUM SENSING AND THE POPULATION-DEPENDENT CONTROL OF VIRULENCE. , 2001, , .		3
132	An Investigation into the Stability and Sterility of Citric Acid Solutions Used for Cough Reflex Testing. Dysphagia, 2014, 29, 622-628.	1.0	3
133	Clinical and microbiological profile of Pseudomonas aeruginosa keratitis admitted to a New Zealand tertiary centre. Clinical and Experimental Ophthalmology, 2018, 46, 441-444.	1.3	3
134	A novel optical biosensor for in situ and small-scale monitoring of bacterial transport in saturated columns. Journal of Environmental Management, 2021, 289, 112452.	3.8	3
135	Quorum Sensing: Bacterial Cell-Cell Signalling from Bioluminescence to Pathogenicity. , 1998, , 185-207.		3
136	The efficacy of commercial decontamination agents differs between standardised test settings and research laboratory usage for a variety of bacterial species. PeerJ, 0, 10, e13646.	0.9	3
137	Quorum Sensing. , 2008, , 179-232.		2
138	Identification of an immune modulation locus utilising a bovine mammary gland infection challenge model. Journal of Dairy Research, 2018, 85, 185-192.	0.7	2
139	Antimicrobial Properties against Human Pathogens of Medicinal Plants from New Zealand. Applied Microbiology, 2022, 2, 357-366.	0.7	2
140	Quorum Sensing: Approaches to Identify Signals and Signalling Genes in Gram-negative Bacteria. , 2003, , 110-130.		1
141	Effect of heat on grape marc extract. International Journal of Nanotechnology, 2018, 15, 792.	0.1	1
142	Near real-time, accurate, and sensitive fluorescence monitoring of microbiological safety. , 2014, , .		1
143	Quantitative and qualitative changes in bacterial activity controlled by interbacterial signalling. , 2003, , 101-130.		0
144	Modeling Cd2â€‰+â€‰ sorption onto ferrihydrite in the presence of phthalic acid. Water Science and Technology, 2008, 58, 2373-2379.	1.2	0

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145	Time-resolved all fiber fluorescence spectroscopy system. Proceedings of SPIE, 2008, , .	0.8	0
146	Sensitivity improvement of an all-fibre computerized optical fluorescence setup using dual fibre probes. , 2013, , .		0
147	Near real time accurate bacterial enumeration in aquatic environment using an all-fibre optical system. Proceedings of SPIE, 2013, , .	0.8	0
148	Near real time, accurate, and sensitive microbiological safety monitoring using an all-fibre spectroscopic fluorescence system. Proceedings of SPIE, 2013, , .	0.8	0
149	Dead/alive bacteria detection using an all-fibre optical system. Proceedings of SPIE, 2014, , .	0.8	0
150	Accurate and in situ monitoring of bacterial concentration using a real time all-fibre spectroscopic device. Proceedings of SPIE, 2015, , .	0.8	0
151	In Reply. Anesthesiology, 2016, 125, 820-821.	1.3	0
152	Incorrect representation of aseptic techniques. European Journal of Hospital Pharmacy, 2017, 24, 192-192.	0.5	0
153	Simulation of MICROBACT Strip Assay Using Colored Liquids to Demonstrate Identification of Unknown Gram-Negative Organisms in Undergraduate Laboratory. Journal of Microbiology and Biology Education, 2018, 19, .	0.5	0
154	Near-real time evaluation of live and dead bacterial concentration using the optrode - a portable fluorimeter. , 2018, , .		0
155	Near-real time monitoring of bacterial viability using the optrode: a portable fluorimeter. , 2019, , .		0