

Mathew Upton

List of Publications by Year in descending order

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85
papers

4,263
citations

126858

33
h-index

118793

62
g-index

86
all docs

86
docs citations

86
times ranked

4999
citing authors

#	ARTICLE	IF	CITATIONS
1	Hospital sink traps as a potential source of the emerging multidrug-resistant pathogen <i>Cupriavidus pauculus</i> : characterization and draft genome sequence of strain MF1. <i>Journal of Medical Microbiology</i> , 2022, 71, .	0.7	7
2	Drug repurposing for next-generation combination therapies against multidrug-resistant bacteria. <i>Theranostics</i> , 2021, 11, 4910-4928.	4.6	70
3	Editorial: Bacteriocins and Other Ribosomally Synthesised and Post-translationally Modified Peptides (RiPPs) as Alternatives to Antibiotics. <i>Frontiers in Microbiology</i> , 2021, 12, 695081.	1.5	3
4	The Phylogenetic Structure of Reptile, Avian and Uropathogenic <i>Escherichia coli</i> with Particular Reference to Extraintestinal Pathotypes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1192.	1.8	3
5	<i>Galleria mellonella</i> larvae exhibit a weight-dependent lethal median dose when infected with methicillin-resistant <i>Staphylococcus aureus</i> . <i>Pathogens and Disease</i> , 2021, 79, .	0.8	7
6	Impact of growth media and pressure on the diversity and antimicrobial activity of isolates from two species of hexactinellid sponge. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	0.7	5
7	Flowering Poration – A Synergistic Multi-Mode Antibacterial Mechanism by a Bacteriocin Fold. <i>IScience</i> , 2020, 23, 101423.	1.9	16
8	COVID-19, antibiotics and One Health: a UK environmental risk assessment. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3411-3412.	1.3	20
9	Purification and characterization of nisin P produced by a strain of <i>Streptococcus gallolyticus</i> . <i>Journal of Medical Microbiology</i> , 2020, 69, 605-616.	0.7	12
10	Complete Genome Sequence of a Colistin-Resistant Uropathogenic <i>Escherichia coli</i> Sequence Type 131 <i>fimH</i> 22 Strain Harboring <i>mcr-1</i> on an IncHI2 Plasmid, Isolated in Riyadh, Saudi Arabia. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	8
11	Characterisation of the microbiome for two hexactinellid sponges and purification of associated antimicrobial agents from their resident microbes. <i>Access Microbiology</i> , 2019, 1, .	0.2	1
12	Purification and characterisation of antimicrobial agents isolated from a member of the <i>Paenibacillus</i> genus. <i>Access Microbiology</i> , 2019, 1, .	0.2	1
13	Rapid detection of extra-intestinal pathogenic <i>Escherichia coli</i> multi-locus sequence type 127 using a specific PCR assay. <i>Journal of Medical Microbiology</i> , 2019, 68, 188-196.	0.7	6
14	Understanding the pathogenic process of uropathogenic <i>Escherichia coli</i> ST127 using proteomics on uroepithelial co-culture samples. <i>Access Microbiology</i> , 2019, 1, .	0.2	0
15	A novel deep-sea sponge bacterium producing two promising antimicrobial candidates. <i>Access Microbiology</i> , 2019, 1, .	0.2	1
16	Assessing and optimising culturing methods for the associated-bacteria of two species of deep-sea sponges (class Hexactinellida) for antimicrobial bioprospecting. <i>Access Microbiology</i> , 2019, 1, .	0.2	1
17	Optimisation of methods for bacterial skin microbiome investigation: primer selection and comparison of the 454 versus MiSeq platform. <i>BMC Microbiology</i> , 2017, 17, 23.	1.3	133
18	A single dose of epidermicin N101 is sufficient to eradicate MRSA from the nares of cotton rats. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 72, dkw457.	1.3	12

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19	Comprehensive analysis of type 1 fimbriae regulation in <i>fimB</i> null strains from the multidrug resistant <i>Escherichia coli</i> ST131 clone. <i>Molecular Microbiology</i> , 2016, 101, 1069-1087.	1.2	21
20	Domestic shower hose biofilms contain fungal species capable of causing opportunistic infection. <i>Journal of Water and Health</i> , 2016, 14, 727-737.	1.1	17
21	Dual transcriptional-translational cascade permits cellular level tuneable expression control. <i>Nucleic Acids Research</i> , 2016, 44, e21-e21.	6.5	39
22	Lineage-Specific Methyltransferases Define the Methylome of the Globally Disseminated <i>Escherichia coli</i> ST131 Clone. <i>MBio</i> , 2015, 6, e01602-15.	1.8	27
23	The skin microbiome in psoriatic arthritis: methodology development and pilot data. <i>Lancet</i> , The, 2015, 385, S27.	6.3	7
24	Antibiotic-resistant ST38, ST131 and ST405 strains are the leading uropathogenic <i>Escherichia coli</i> clones in Riyadh, Saudi Arabia. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2757-2762.	1.3	75
25	Third-generation cephalosporin resistance conferred by a chromosomally encoded <i>bla</i> CMY-23 gene in the <i>Escherichia coli</i> ST131 reference strain EC958. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1969-1972.	1.3	14
26	A workflow for bacterial metabolic fingerprinting and lipid profiling: application to Ciprofloxacin challenged <i>Escherichia coli</i> . <i>Metabolomics</i> , 2015, 11, 438-453.	1.4	10
27	Molecular Characterization of a Multidrug Resistance IncF Plasmid from the Globally Disseminated <i>Escherichia coli</i> ST131 Clone. <i>PLoS ONE</i> , 2015, 10, e0122369.	1.1	48
28	The Complete Genome Sequence of <i>Escherichia coli</i> EC958: A High Quality Reference Sequence for the Globally Disseminated Multidrug Resistant <i>E. coli</i> O25b:H4-ST131 Clone. <i>PLoS ONE</i> , 2014, 9, e104400.	1.1	116
29	Global dissemination of a multidrug resistant <i>Escherichia coli</i> clone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5694-5699.	3.3	498
30	Implementation of Fourier transform infrared spectroscopy for the rapid typing of uropathogenic <i>Escherichia coli</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 983-988.	1.3	22
31	Multiple metabolomics of uropathogenic <i>E. coli</i> reveal different information content in terms of metabolic potential compared to virulence factors. <i>Analyst</i> , The, 2014, 139, 4193-4199.	1.7	16
32	The bacterial skin microbiome in psoriatic arthritis, an unexplored link in pathogenesis: challenges and opportunities offered by recent technological advances. <i>Rheumatology</i> , 2014, 53, 777-784.	0.9	33
33	<i>Galleria mellonella</i> Infection Model Demonstrates High Lethality of ST69 and ST127 Uropathogenic <i>E. coli</i> . <i>PLoS ONE</i> , 2014, 9, e101547.	1.1	59
34	Synthetic epidermicin NI01 can protect <i>Galleria mellonella</i> larvae from infection with <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2269-73.	1.3	54
35	High-throughput phenotyping of uropathogenic <i>E. coli</i> isolates with Fourier transform infrared spectroscopy. <i>Analyst</i> , The, 2013, 138, 1363.	1.7	24
36	Genome Sequence of Hydrothermal Arsenic-Respiring Bacterium <i>Marinobacter santoriniensis</i> NKSG1. <i>Genome Announcements</i> , 2013, 1, .	0.8	5

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37	The Serum Resistome of a Globally Disseminated Multidrug Resistant Uropathogenic <i>Escherichia coli</i> Clone. <i>PLoS Genetics</i> , 2013, 9, e1003834.	1.5	146
38	International Multicenter Evaluation of the DiversiLab Bacterial Typing System for <i>Escherichia coli</i> and <i>Klebsiella</i> spp.. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3944-3949.	1.8	9
39	A FimH Inhibitor Prevents Acute Bladder Infection and Treats Chronic Cystitis Caused by Multidrug-Resistant Uropathogenic <i>Escherichia coli</i> ST131. <i>Journal of Infectious Diseases</i> , 2013, 208, 921-928.	1.9	116
40	The antibiofilm effects of Byotrolâ„¢ G32. <i>Journal of Applied Microbiology</i> , 2013, 114, 1285-1293.	1.4	2
41	High Metabolic Potential May Contribute to the Success of ST131 Uropathogenic <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2012, 50, 3202-3207.	1.8	35
42	Population structure, virulence potential and antibiotic susceptibility of uropathogenic <i>Escherichia coli</i> from Northwest England. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 346-356.	1.3	161
43	Antimicrobial Peptides as Therapeutic Agents. <i>International Journal of Microbiology</i> , 2012, 2012, 1-2.	0.9	16
44	<i>Escherichia coli</i> -Mediated Impairment of Ureteric Contractility Is Uropathogenic <i>E. coli</i> Specific. <i>Journal of Infectious Diseases</i> , 2012, 206, 1589-1596.	1.9	19
45	Identification, Characterization, and Recombinant Expression of Epidermicin NI01, a Novel Unmodified Bacteriocin Produced by <i>Staphylococcus epidermidis</i> That Displays Potent Activity against <i>Staphylococci</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1539-1547.	1.4	100
46	Enhancement of antibiotic susceptibility of <i>Stenotrophomonas maltophilia</i> using a polyclonal antibody developed against an ABC multidrug efflux pump. <i>Canadian Journal of Microbiology</i> , 2011, 57, 820-828.	0.8	23
47	Novel 5,8-Diazabenzoc[<i>c</i>]phenanthrenes: Synthesis and Mutagenicity. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 50, 475-482.	1.2	3
48	Insights into a Multidrug Resistant <i>Escherichia coli</i> Pathogen of the Globally Disseminated ST131 Lineage: Genome Analysis and Virulence Mechanisms. <i>PLoS ONE</i> , 2011, 6, e26578.	1.1	209
49	Identification of a haemolysin-like peptide with antibacterial activity using the draft genome sequence of <i>Staphylococcus epidermidis</i> strain A487. <i>FEMS Immunology and Medical Microbiology</i> , 2011, 62, 273-282.	2.7	5
50	Salivaricin 9, a new lantibiotic produced by <i>Streptococcus salivarius</i> . <i>Microbiology (United Kingdom)</i> , 2011, 157, 1290-1299.	0.7	55
51	Discovery and development of lantibiotics; antimicrobial agents that have significant potential for medical application. <i>Expert Opinion on Drug Discovery</i> , 2011, 6, 155-170.	2.5	17
52	Rapid identification of uropathogenic <i>Escherichia coli</i> of the O25:H4-ST131 clonal lineage using the Diversi-Lab repetitive sequence-based PCR system. <i>Clinical Microbiology and Infection</i> , 2010, 16, 232-237.	2.8	31
53	Production of the Bsa Lantibiotic by Community-Acquired <i>Staphylococcus aureus</i> Strains. <i>Journal of Bacteriology</i> , 2010, 192, 1131-1142.	1.0	60
54	Development of a Multiplex Primer Extension Assay for Rapid Detection of <i>Salmonella</i> Isolates of Diverse Serotypes. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1055-1060.	1.8	24

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55	Comparison of a semi-automated rep-PCR system and multilocus sequence typing for differentiation of <i>Salmonella enterica</i> isolates. <i>Journal of Microbiological Methods</i> , 2010, 81, 11-16.	0.7	25
56	Purification and characterization of a novel delta-lysin variant that inhibits <i>Staphylococcus aureus</i> and has limited hemolytic activity. <i>Peptides</i> , 2010, 31, 1661-1668.	1.2	15
57	Rapid detection of the O25b-ST131 clone of <i>Escherichia coli</i> encompassing the CTX-M-15-producing strains. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 274-277.	1.3	328
58	The Terminal A Domain of the Fibrillar Accumulation-Associated Protein (Aap) of <i>Staphylococcus epidermidis</i> Mediates Adhesion to Human Corneocytes. <i>Journal of Bacteriology</i> , 2009, 191, 7007-7016.	1.0	77
59	Molecular cloning and characterization of SmrA, a novel ABC multidrug efflux pump from <i>Stenotrophomonas maltophilia</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 731-734.	1.3	56
60	Low concentrations of vancomycin stimulate biofilm formation in some clinical isolates of <i>Staphylococcus epidermidis</i> . <i>Journal of Clinical Pathology</i> , 2009, 62, 1112-1116.	1.0	50
61	Application of a novel decontamination process using gaseous ozone. <i>Canadian Journal of Microbiology</i> , 2009, 55, 928-933.	0.8	39
62	Molecular Epidemiology of <i>Campylobacter jejuni</i> Populations in Dairy Cattle, Wildlife, and the Environment in a Farmland Area. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5130-5138.	1.4	56
63	UK epidemic <i>Escherichia coli</i> strains A-E, with CTX-M-15 β -lactamase, all belong to the international O25:H4-ST131 clone. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1241-1244.	1.3	151
64	Longitudinal Study of the Molecular Epidemiology of <i>Campylobacter jejuni</i> in Cattle on Dairy Farms. <i>Applied and Environmental Microbiology</i> , 2008, 74, 3626-3633.	1.4	76
65	Prevalence and distribution of plasmid-mediated quinolone resistance genes in clinical isolates of <i>Escherichia coli</i> lacking extended-spectrum β -lactamases. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1245-1251.	1.3	58
66	Major Uropathogenic <i>Escherichia coli</i> Strain Isolated in the Northwest of England Identified by Multilocus Sequence Typing. <i>Journal of Clinical Microbiology</i> , 2008, 46, 1076-1080.	1.8	159
67	Salivaricin A2 and the Novel Lantibiotic Salivaricin B Are Encoded at Adjacent Loci on a 190-Kilobase Transmissible Megaplasmid in the Oral Probiotic Strain <i>Streptococcus salivarius</i> K12. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1107-1113.	1.4	142
68	Localized Tufts of Fibrils on <i>Staphylococcus epidermidis</i> NCTC 11047 Are Comprised of the Accumulation-Associated Protein. <i>Journal of Bacteriology</i> , 2007, 189, 2793-2804.	1.0	73
69	Production of the Lantibiotic Salivaricin A and Its Variants by Oral Streptococci and Use of a Specific Induction Assay To Detect Their Presence in Human Saliva. <i>Applied and Environmental Microbiology</i> , 2006, 72, 1459-1466.	1.4	104
70	Rapid cost-effective subtyping of methicillin-resistant <i>Staphylococcus aureus</i> by denaturing HPLC. <i>Journal of Medical Microbiology</i> , 2006, 55, 1053-1060.	0.7	13
71	Intra- and Interspecies Signaling between <i>Streptococcus salivarius</i> and <i>Streptococcus pyogenes</i> Mediated by SalA and SalA1 Lantibiotic Peptides. <i>Journal of Bacteriology</i> , 2001, 183, 3931-3938.	1.0	132
72	Combined molecular ecological and confocal laser scanning microscopic analysis of peat bog methanogen populations. <i>FEMS Microbiology Letters</i> , 2000, 193, 275-281.	0.7	28

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73	Novel nitrated derivatives of 5,8-diazabenzoc[<i>c</i>]phenanthrene and 9,14-diazadibenz[<i>a,e</i>]acephenanthrylene: new classes of potent mutagenic compounds. <i>Mutagenesis</i> , 1999, 14, 587-594.	1.0	3
74	Phylogenetic analysis of peat bog methanogen populations. <i>FEMS Microbiology Letters</i> , 1999, 173, 425-429.	0.7	37
75	Molecular Ecological Analysis of Methanogens and Methanotrophs in Blanket Bog Peat. <i>Microbial Ecology</i> , 1999, 38, 225-233.	1.4	62
76	Analysis of DNA Sequences. , 1999, , 119-126.		0
77	Automated Sequencing of DNA Retrieved from Environmental Samples. , 1999, , 109-118.		0
78	Phylogenetic analysis of peat bog methanogen populations. <i>FEMS Microbiology Letters</i> , 1999, 173, 425-429.	0.7	9
79	Micro-ecology of peat: minimally invasive analysis using confocal laser scanning microscopy, membrane inlet mass spectrometry and PCR amplification of methanogen-specific gene sequences. <i>FEMS Microbiology Ecology</i> , 1998, 25, 179-188.	1.3	20
80	Microbiological processes in the terrestrial carbon cycle: methane cycling in peat. <i>Atmospheric Environment</i> , 1998, 32, 3247-3255.	1.9	51
81	Micro-ecology of peat: minimally invasive analysis using confocal laser scanning microscopy, membrane inlet mass spectrometry and PCR amplification of methanogen-specific gene sequences. <i>FEMS Microbiology Ecology</i> , 1998, 25, 179-188.	1.3	9
82	Detection of human commensals in the area around an Antarctic research station. <i>Antarctic Science</i> , 1997, 9, 156-161.	0.5	15
83	Characterisation of Group A Streptococci from Necrotising Fasciitis Cases in Gloucestershire, United Kingdom. <i>Advances in Experimental Medicine and Biology</i> , 1997, 418, 91-93.	0.8	3
84	Genetic heterogeneity of M type 3 group A streptococci causing severe infections in Tayside, Scotland. <i>Journal of Clinical Microbiology</i> , 1996, 34, 196-198.	1.8	24
85	Clonal structure of invasive <i>Streptococcus pyogenes</i> in Northern Scotland. <i>Epidemiology and Infection</i> , 1995, 115, 231-241.	1.0	25