Aidan Coffey

List of Publications by Year in Descending Order

204 papers	6,812 citations	44 h-index	73 g-index
274 ext. papers	8,003 ext. citations	4.9 avg, IF	5.98 L-index

#	Paper	IF	Citations
204	Isolation of the mustard Napin protein and characterisation of its antifungal activity.. *Biochemistry and Biophysics Reports*, **2022**, 29, 101208	2.2	0
203	Identification and characterization of novel endolysins targeting Gardnerella vaginalis biofilms to treat bacterial vaginosis.. *Npj Biofilms and Microbiomes*, **2022**, 8, 29	8.2	0
202	Antimicrobial resistance and genomic diversity of Campylobacter jejuni isolates from broiler caeca and neck skin samples collected at key stages during processing.. *Food Control*, **2021**, 135, 108664	6.2	0
201	FST 5.1: an alternative to baker's yeast to produce low FODMAP whole wheat bread. *Food and Function*, **2021**, 12, 11262-11277	6.1	2
200	Maximising Productivity and Eliminating in Broilers by Manipulating Stocking Density and Population Structure Using 'Biosecurity Cubes'. *Pathogens*, **2021**, 10,	4.5	1
199	Functionalisation of wheat and oat bran using single-strain fermentation and its impact on techno-functional and nutritional properties of biscuits. *European Food Research and Technology*, **2021**, 247, 1825-1837	3.4	1
198	Engineering of the CHAPk Staphylococcal Phage Endolysin to Enhance Antibacterial Activity against Stationary-Phase Cells. *Antibiotics*, **2021**, 10,	4.9	3
197	The impact of key processing stages and flock variables on the prevalence and levels of Campylobacter on broiler carcasses. *Food Microbiology*, **2021**, 95, 103688	6	2
196	An in vitro investigation of the survival and/or growth of Campylobacter jejuni in broiler digestate from different feed types. *Letters in Applied Microbiology*, **2021**, 72, 36-40	2.9	1
195	Genetics and Genomics of Bacteriophages **2021**, 193-218		0
194	Genomic analysis of Leuconostoc citreum TR116 with metabolic reconstruction and the effects of fructose on gene expression for mannitol production. *International Journal of Food Microbiology*, **2021**, 354, 109327	5.8	1
193	Testing barrier materials in the development of a biosecurity pen to protect broilers against Campylobacter. *Food Control*, **2021**, 128, 108172	6.2	
192	Effectiveness of current hygiene practices on minimization of in different mushroom production-related environments. *Food Science and Nutrition*, **2020**, 8, 3456-3468	3.2	2
191	Antimicrobial Resistance Determinants Circulating among Thermophilic Isolates Recovered from Broilers in Ireland Over a One-Year Period. *Antibiotics*, **2020**, 9,	4.9	6
190	Isolation and Characterization of Phage vB_PatM_CB7: New Insights into the Genus. *Antibiotics*, **2020**, 9,	4.9	8
189	Application of mannitol producing Leuconostoc citreum TR116 to reduce sugar content of barley, oat and wheat malt-based worts. *Food Microbiology*, **2020**, 90, 103464	6	5
188	Antimicrobial resistance of isolates recovered from broilers in the Republic of Ireland in 2017 and 2018: an update. *British Poultry Science*, **2020**, 61, 550-556	1.9	5

187	Genomic diversity of Salmonella enterica -The UoWUCC 10K genomes project. *Wellcome Open Research*, **2020**, 5, 223	4.8	14
186	The use of bacteriophages to control and detect pathogens in the dairy industry. *International Journal of Dairy Technology*, **2020**, 73, 1-11	3.7	3
185	Isolation, characterisation and exploitation of lactic acid bacteria capable of efficient conversion of sugars to mannitol. *International Journal of Food Microbiology*, **2020**, 321, 108546	5.8	16
184	TR116 as a Microbial Cell Factory to Functionalise High-Protein Faba Bean Ingredients for Bakery Applications. *Foods*, **2020**, 9,	4.9	10
183	The use of bacteriophages for food safety. *Current Opinion in Food Science*, **2020**, 36, 1-8	9.8	18
182	A review of polyols - biotechnological production, food applications, regulation, labeling and health effects. *Critical Reviews in Food Science and Nutrition*, **2020**, 60, 2034-2051	11.5	47
181	Bacteriophages: Emerging Applications in Medicine, Food, and Biotechnology. *Phage*, **2020**, 1, 75-82	1.8	0
180	Genomic diversity of The UoWUCC 10K genomes project. *Wellcome Open Research*, **2020**, 5, 223	4.8	12
179	Inhibition of Biofilm Formation by the Amidase Domain of the Phage vB_LmoS_293 Endolysin. *Viruses*, **2019**, 11,	6.2	18
178	The incorporation of sourdough in sugar-reduced biscuits: a promising strategy to improve techno-functional and sensory properties. *European Food Research and Technology*, **2019**, 245, 1841-1854	3.4	14
177	First reported detection of biofilm formation by during investigation of a case of prosthetic valve endocarditis. *Journal of Clinical Pathology*, **2019**, 72, 554-557	3.9	5
176	Draft Genome Sequence of Campylobacter fetus subsp. CITCf01, Isolated from a Patient with Subacute Bacterial Endocarditis. *Microbiology Resource Announcements*, **2019**, 8,	1.3	1
175	Leuconostoc citreum TR116: In-situ production of mannitol in sourdough and its application to reduce sugar in burger buns. *International Journal of Food Microbiology*, **2019**, 302, 80-89	5.8	20
174	Improvement of taste and shelf life of yeasted low-salt bread containing functional sourdoughs using Lactobacillus amylovorus DSM 19280 and Weisella cibaria MG1. *International Journal of Food Microbiology*, **2019**, 302, 69-79	5.8	17
173	Sugar reduction in bakery products: Current strategies and sourdough technology as a potential novel approach. *Food Research International*, **2019**, 126, 108583	7	30
172	Sourdough technology as a novel approach to overcome quality losses in sugar-reduced cakes. *Food and Function*, **2019**, 10, 4985-4997	6.1	6
171	A rapid viability and drug-susceptibility assay utilizing mycobacteriophage as an indicator of drug susceptibilities of Anti-TB drugs against mc 155. *International Journal of Mycobacteriology*, **2019**, 8, 124-131	0.9	1
170	Bacteriophage and Anti-phage Mechanisms in Lactic Acid Bacteria **2019**, 139-150		

169	Investigation of molecular mechanisms underlying tetracycline resistance in thermophilic spp. suggests that previous reports of (A)-mediated resistance in these bacteria are premature. *Gut Pathogens*, **2019**, 11, 56	5.4	2
168	Bacteriophages in Food Applications: From Foe to Friend. *Annual Review of Food Science and Technology*, **2019**, 10, 151-172	14.7	30
167	Comparative genomics of Cp8viruses with special reference to Campylobacter phage vB_CjeM_los1, isolated from a slaughterhouse in Ireland. *Archives of Virology*, **2018**, 163, 2139-2154	2.6	5
166	Diversity of Listeria monocytogenes strains isolated from Agaricus bisporus mushroom production. *Journal of Applied Microbiology*, **2018**, 125, 586-595	4.7	10
165	Lactic Acid Bacteria Exopolysaccharides in Foods and Beverages: Isolation, Properties, Characterization, and Health Benefits. *Annual Review of Food Science and Technology*, **2018**, 9, 155-176	14.7	118
164	Exopolysaccharide producing lactic acid bacteria: Their techno-functional role and potential application in gluten-free bread products. *Food Research International*, **2018**, 110, 52-61	7	93
163	Polyol-producing lactic acid bacteria isolated from sourdough and their application to reduce sugar in a quinoa-based milk substitute. *International Journal of Food Microbiology*, **2018**, 286, 31-36	5.8	19
162	Phage vB_PatP_CB5: A Member of the Proposed Genus ''. *Viruses*, **2018**, 10,	6.2	9
161	Silk Route to the Acceptance and Re-Implementation of Bacteriophage Therapy-Part II. *Antibiotics*, **2018**, 7,	4.9	34
160	Comparison of Phage K with Close Phage Relatives Commonly Employed in Phage Therapeutics. *Antibiotics*, **2018**, 7,	4.9	20
159	Novel N4-Like Bacteriophages of Pectobacterium atrosepticum. *Pharmaceuticals*, **2018**, 11,	5.2	29
158	Selection of Potential Therapeutic Bacteriophages that Lyse a CTX-M-15 Extended Spectrum β-Lactamase Producing Salmonella enterica Serovar Typhi Strain from the Democratic Republic of the Congo. *Viruses*, **2018**, 10,	6.2	15
157	Activity of bacteriophages to multiply resistant strains of salmonella and their various serotypes. *Bulletin Veterinary Biotechnology*, **2018**, 32, 500-508	0.2	1
156	Primaquine hybrids as promising antimycobacterial and antimalarial agents. *European Journal of Medicinal Chemistry*, **2018**, 143, 769-779	6.8	22
155	Erwinia amylovora phage vB_EamM_Y3 represents another lineage of hairy Myoviridae. *Research in Microbiology*, **2018**, 169, 505-514	4	11
154	The investigation of the truncated mbtA gene within the mycobactin cluster of Mycobacterium avium subspecies paratuberculosis as a novel diagnostic marker for real-time PCR. *Journal of Microbiological Methods*, **2017**, 136, 40-48	2.8	3
153	Investigating the biocontrol and anti-biofilm potential of a three phage cocktail against Cronobacter sakazakii in different brands of infant formula. *International Journal of Food Microbiology*, **2017**, 253, 1-11	5.8	43
152	A comparative study evaluating the efficacy of IS_MAP04 with IS900 and IS_MAP02 as a new diagnostic target for the detection of Mycobacterium avium subspecies paratuberculosis from bovine faeces. *Veterinary Microbiology*, **2017**, 204, 104-109	3.3	2

151	Genetics and Genomics of Bacteriophages **2017**, 1-26		0
150	Low genetic diversity of bovine Mycobacterium avium subspecies paratuberculosis isolates detected by MIRU-VNTR genotyping. *Veterinary Microbiology*, **2017**, 203, 280-285	3.3	7
149	Whole genome sequence analysis; an improved technology that identifies underlying genotypic differences between closely related Listeria monocytogenes strains. *Innovative Food Science and Emerging Technologies*, **2017**, 44, 89-96	6.8	6
148	Inhibition of Listeria monocytogenes biofilms by bacteriocin-producing bacteria isolated from mushroom substrate. *Journal of Applied Microbiology*, **2017**, 122, 279-293	4.7	31
147	Thermally triggered release of the bacteriophage endolysin CHAP and the bacteriocin lysostaphin for the control of methicillin resistant Staphylococcus aureus (MRSA). *Journal of Controlled Release*, **2017**, 245, 108-115	11.7	53
146	Application of bacteriophages. *Microbiology Australia*, **2017**, 38, 63	0.8	10
145	Synthesis and In Vitro Antimycobacterial Activity of Novel N-Arylpiperazines Containing an Ethane-1,2-diyl Connecting Chain. *Molecules*, **2017**, 22,	4.8	9
144	Bacteriophages and Bacterial Plant Diseases. *Frontiers in Microbiology*, **2017**, 8, 34	5.7	170
143	Things Are Getting Hairy: Enterobacteria Bacteriophage vB_PcaM_CBB. *Frontiers in Microbiology*, **2017**, 8, 44	5.7	23
142	Antifungal activities of three different Lactobacillus species and their production of antifungal carboxylic acids in wheat sourdough. *Applied Microbiology and Biotechnology*, **2016**, 100, 1701-1711	5.7	59
141	Genome Sequence of Jumbo Phage vB_AbaM_ME3 of Acinetobacter baumanni. *Genome Announcements*, **2016**, 4,		8
140	Production, properties, and industrial food application of lactic acid bacteria-derived exopolysaccharides. *Applied Microbiology and Biotechnology*, **2016**, 100, 1121-1135	5.7	201
139	Bacteriophage-based tools: recent advances and novel applications. *F1000Research*, **2016**, 5, 2782	3.6	21
138	Characterization of a Bacteriophage-Derived Murein Peptidase for Elimination of Antibiotic-Resistant Staphylococcus aureus. *Current Protein and Peptide Science*, **2016**, 17, 183-90	2.8	16
137	N-Alkoxyphenylhydroxynaphthalenecarboxamides and Their Antimycobacterial Activity. *Molecules*, **2016**, 21,	4.8	19
136	Bacteriophage endolysins and their applications. *Science Progress*, **2016**, 99, 183-199	1.1	14
135	Comparative Genomic Analysis of Two Serotype 1/2b Isolates from Analogous Environmental Niches Demonstrates the Influence of Hypervariable Hotspots in Defining Pathogenesis. *Frontiers in Nutrition*, **2016**, 3, 54	6.2	3
134	The Structure-Antimicrobial Activity Relationships of a Promising Class of the Compounds Containing the N-Arylpiperazine Scaffold. *Molecules*, **2016**, 21,	4.8	12

133	Control of Zymoseptoria tritici cause of septoria tritici blotch of wheat using antifungal Lactobacillus strains. *Journal of Applied Microbiology*, **2016**, 121, 485-94	4.7	10
132	Antifungal sourdough lactic acid bacteria as biopreservation tool in quinoa and rice bread. *International Journal of Food Microbiology*, **2016**, 239, 86-94	5.8	47
131	Ring-substituted 8-hydroxyquinoline-2-carboxanilides as potential antimycobacterial agents. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 4188-4196	3.4	26
130	Characterisation of clinical meticillin-resistant Staphylococcus epidermidis demonstrating high levels of linezolid resistance (>256 □/ml) resulting from transmissible and mutational mechanisms. *Journal of Infection and Chemotherapy*, **2015**, 21, 547-9	2.2	4
129	Complete Genome Sequences of vB_LmoS_188 and vB_LmoS_293, Two Bacteriophages with Specificity for Listeria monocytogenes Strains of Serotypes 4b and 4e. *Genome Announcements*, **2015**, 3,		6
128	Synthesis and antimycobacterial properties of ring-substituted 6-hydroxynaphthalene-2-carboxanilides. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 2035-43	3.4	35
127	Characterisation of the antibacterial properties of a bacterial derived peptidoglycan hydrolase (LysCs4), active against C. sakazakii and other Gram-negative food-related pathogens. *International Journal of Food Microbiology*, **2015**, 215, 79-85	5.8	6
126	Application of Lactobacillus amylovorus DSM19280 in gluten-free sourdough bread to improve the microbial shelf life. *Food Microbiology*, **2015**, 47, 36-44	6	76
125	Lactic acid bacteria bioprotection applied to the malting process. Part II: Substrate impact and mycotoxin reduction. *Food Control*, **2015**, 51, 444-452	6.2	21
124	Lactic acid bacteria as a cell factory for the delivery of functional biomolecules and ingredients in cereal-based beverages: a review. *Critical Reviews in Food Science and Nutrition*, **2015**, 55, 503-20	11.5	84
123	Genome analysis of Cronobacter phage vB_CsaP_Ss1 reveals an endolysin with potential for biocontrol of Gram-negative bacterial pathogens. *Journal of General Virology*, **2015**, 96, 463-477	4.9	17
122	Lactic acid bacteria bioprotection applied to the malting process. Part I: Strain characterization and identification of antifungal compounds. *Food Control*, **2015**, 51, 433-443	6.2	26
121	Synthesis and Biological Evaluation of N-Alkoxyphenyl-3-hydroxynaphthalene-2-carboxanilides. *Molecules*, **2015**, 20, 9767-87	4.8	22
120	A tail of two phages: genomic and functional analysis of Listeria monocytogenes phages vB_LmoS_188 and vB_LmoS_293 reveal the receptor-binding proteins involved in host specificity. *Frontiers in Microbiology*, **2015**, 6, 1107	5.7	10
119	Complete Genome Sequence of Listeria monocytogenes Strain DPC6895, a Serotype 1/2b Isolate from Bovine Raw Milk. *Genome Announcements*, **2015**, 3,		3
118	Potential for the enhanced detection, identification, and subsequent treatment of periprosthetic joint infection using MALDI-TOF MS analysis of sonicate fluid. *Journal of Hospital Infection*, **2015**, 90, 272-3	6.9	
117	Genomics of Weissella cibaria with an examination of its metabolic traits. *Microbiology (United Kingdom)*, **2015**, 161, 914-30	2.9	28
116	Investigation of the antimycobacterial activity of 8-hydroxyquinolines. *Medicinal Chemistry*, **2015**, 11, 771-9	1.8	8

115	The QuEChERS approach in a novel application for the identification of antifungal compounds produced by lactic acid bacteria cultures. *Talanta*, **2014**, 129, 364-73	6.2	41
114	Phage therapy in the food industry. *Annual Review of Food Science and Technology*, **2014**, 5, 327-49	14.7	186
113	Isolation and characterisation of exopolysaccharide-producing Weissella and Lactobacillus and their application as adjunct cultures in Cheddar cheese. *International Dairy Journal*, **2014**, 34, 125-134	3.5	43
112	Application of Lactobacillus amylovorus as an antifungal adjunct to extend the shelf-life of Cheddar cheese. *International Dairy Journal*, **2014**, 34, 167-173	3.5	34
111	A comprehensive investigation into sample extraction and method validation for the identification of antifungal compounds produced by lactic acid bacteria using HPLC-UV/DAD. *Analytical Methods*, **2014**, 6, 5331	3.2	5
110	Crystal structure of the lytic CHAP(K) domain of the endolysin LysK from Staphylococcus aureus bacteriophage K. *Virology Journal*, **2014**, 11, 133	6.1	32
109	Analysis of the role of the Cronobacter sakazakii ProP homologues in osmotolerance. *Gut Pathogens*, **2014**, 6, 15	5.4	20
108	Bacteriophages and Their Derivatives as Biotherapeutic Agents in Disease Prevention and Treatment **2014**, 2014, 1-20		22
107	Preparation and biological properties of ring-substituted naphthalene-1-carboxanilides. *Molecules*, **2014**, 19, 10386-409	4.8	14
106	Enhanced expression of codon optimized Mycobacterium avium subsp. paratuberculosis antigens in Lactobacillus salivarius. *Frontiers in Cellular and Infection Microbiology*, **2014**, 4, 120	5.9	14
105	Phages of non-dairy lactococci: isolation and characterization of ▯47, a phage infecting the grass isolate Lactococcus lactis ssp. cremoris DPC6860. *Frontiers in Microbiology*, **2014**, 4, 417	5.7	8
104	Transcriptome analysis of Listeria monocytogenes exposed to biocide stress reveals a multi-system response involving cell wall synthesis, sugar uptake, and motility. *Frontiers in Microbiology*, **2014**, 5, 68	5.7	52
103	N-substituted 5-amino-6-methylpyrazine-2,3-dicarbonitriles: microwave-assisted synthesis and biological properties. *Molecules*, **2014**, 19, 651-71	4.8	11
102	Genome analysis of the staphylococcal temperate phage DW2 and functional studies on the endolysin and tail hydrolase. *Bacteriophage*, **2014**, 4, e28451		12
101	The role of the Cronobacter sakazakii ProP C-terminal coiled coil domain in osmotolerance. *Gut Pathogens*, **2014**, 6, 46	5.4	3
100	Complete Genome Sequence of vB_EcoM_112, a T-Even-Type Bacteriophage Specific for Escherichia▯toli O157:H7. *Genome Announcements*, **2014**, 2,		2
99	Crystallization of the CHAP domain of the endolysin from Staphylococcus aureus bacteriophage K. *Acta Crystallographica Section F: Structural Biology Communications*, **2013**, 69, 1393-6		9
98	Barley malt wort fermentation by exopolysaccharide-forming Weissella cibaria MG1 for the production of a novel beverage. *Journal of Applied Microbiology*, **2013**, 115, 1379-87	4.7	55

97	The effects of liquid versus spray-dried Laminaria digitata extract on selected bacterial groups in the piglet gastrointestinal tract (GIT) microbiota. *Anaerobe*, **2013**, 21, 1-8	2.8	12
96	Investigation into the prevalence, persistence and antibiotic resistance profiles of staphylococci isolated from euro currency. *Journal of Applied Microbiology*, **2013**, 115, 565-71	4.7	8
95	Codon optimisation to improve expression of a Mycobacterium avium ssp. paratuberculosis-specific membrane-associated antigen by Lactobacillus salivarius. *Pathogens and Disease*, **2013**, 68, 27-38	4.2	14
94	Isolation and characterisation of six novel mycobacteriophages and investigation of their antimicrobial potential in milk. *International Dairy Journal*, **2013**, 28, 8-14	3.5	20
93	Bacteriophage-Derived Peptidase CHAP(K) Eliminates and Prevents Staphylococcal Biofilms. *International Journal of Microbiology*, **2013**, 2013, 625341	3.6	63
92	Movers and shakers: influence of bacteriophages in shaping the mammalian gut microbiota. *Gut Microbes*, **2013**, 4, 4-16	8.8	158
91	Analysis of bacterial community shifts in the gastrointestinal tract of pigs fed diets supplemented with Eglucan from Laminaria digitata, Laminaria hyperborea and Saccharomyces cerevisiae. *Animal*, **2013**, 7, 1079-87	3.1	23
90	Synthesis and biological evaluation of 2-hydroxy-3-[(2-aryloxyethyl)amino]propyl 4-[(alkoxycarbonyl)amino]benzoates. *Scientific World Journal, The*, **2013**, 2013, 274570	2.2	15
89	Antibacterial and herbicidal activity of ring-substituted 2-hydroxynaphthalene-1-carboxanilides. *Molecules*, **2013**, 18, 9397-419	4.8	33
88	Antimycobacterial and photosynthetic electron transport inhibiting activity of ring-substituted 4-arylamino-7-chloroquinolinium chlorides. *Molecules*, **2013**, 18, 10648-70	4.8	6
87	"Green preservatives": combating fungi in the food and feed industry by applying antifungal lactic acid bacteria. *Advances in Food and Nutrition Research*, **2012**, 66, 217-38	6	67
86	Prevention of Staphylococcus aureus biofilm formation and reduction in established biofilm density using a combination of phage K and modified derivatives. *Letters in Applied Microbiology*, **2012**, 54, 286-91	2.9	89
85	High resolution melting PCR to differentiate Mycobacterium avium subsp. paratuberculosis"cattle type" and "sheep type". *Journal of Microbiological Methods*, **2012**, 88, 172-4	2.8	10
84	High-resolution melting analysis for rapid detection of linezolid resistance (mediated by G2576T mutation) in Staphylococcus epidermidis. *Journal of Microbiological Methods*, **2012**, 90, 134-6	2.8	10
83	Genome sequence of the phage clP1, which infects the beer spoilage bacterium Pediococcus damnosus. *Gene*, **2012**, 504, 53-63	3.8	14
82	Comparison of the impact of dextran and reuteran on the quality of wheat sourdough bread. *Journal of Cereal Science*, **2012**, 56, 531-537	3.8	36
81	Effects of cereal Eglucans and enzyme inclusion on the porcine gastrointestinal tract microbiota. *Anaerobe*, **2012**, 18, 557-65	2.8	22
80	Anti-infective and herbicidal activity of N-substituted 2-aminobenzothiazoles. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 7059-68	3.4	36

79	Antifungal activity of Lactobacillus against Microsporum canis, Microsporum gypseum and Epidermophyton floccosum. *Bioengineered*, **2012**, 3, 104-13	5.7	25
78	Ecofriendly control of potato late blight causative agent and the potential role of lactic acid bacteria: a review. *Applied Microbiology and Biotechnology*, **2012**, 96, 37-48	5.7	36
77	Rapid identification, by use of the LTQ Orbitrap hybrid FT mass spectrometer, of antifungal compounds produced by lactic acid bacteria. *Analytical and Bioanalytical Chemistry*, **2012**, 403, 2983-95	4.4	43
76	Influence of in-situ synthesized exopolysaccharides on the quality of gluten-free sorghum sourdough bread. *International Journal of Food Microbiology*, **2012**, 155, 105-12	5.8	132
75	Bacteriophages MR299-2 and NH-4 can eliminate Pseudomonas aeruginosa in the murine lung and on cystic fibrosis lung airway cells. *MBio*, **2012**, 3, e00029-12	7.8	162
74	Antistaphylococcal activity of novel salicylanilide derivatives. *Current Drug Discovery Technologies*, **2012**, 9, 39-47	1.5	1
73	Investigating the spectrum of biological activity of substituted quinoline-2-carboxamides and their isosteres. *Molecules*, **2012**, 17, 613-44	4.8	44
72	A new phage on the Mozzarella block: Bacteriophage 5093 shares a low level of homology with other Streptococcus thermophilus phages. *International Dairy Journal*, **2011**, 21, 963-969	3.5	37
71	Comparative modelling of LysB from the mycobacterial bacteriophage Ardmore. *Bioengineered Bugs*, **2011**, 2, 88-95		12
70	Lactic Acid Bacteria | Lactococcus lactis **2011**, 132-137		0
69	Part I. The Use of Lactobacillus Plantarum Starter Cultures to Inhibit Rootlet Growth during Germination of Barley, Reducing Malting Loss, and its Influence on Malt Quality. *Journal of the American Society of Brewing Chemists*, **2011**, 69, 227-238	1.9	8
68	Isolation and Characterization of Bacteriophages That Inhibit Strains of Pediococcus Damnosus, Lactobacillus Brevis, and Lactobacillus paraplantarum That Cause Beer Spoilage. *Journal of the American Society of Brewing Chemists*, **2011**, 69, 8-12	1.9	6
67	Emergence of group B Streptococcus serotype IV in women of child-bearing age in Ireland. *Epidemiology and Infection*, **2011**, 139, 236-8	4.3	10
66	Inhibition of growth of Trichophyton tonsurans by Lactobacillus reuteri. *Journal of Applied Microbiology*, **2011**, 111, 474-83	4.7	28
65	Characterization of the staphylococcal bacteriophage lysin CHAP(K). *Journal of Applied Microbiology* , **2011**, 111, 1025-35	4.7	37
64	A study of the prevalence of methicillin-resistant Staphylococcus aureus in pigs and in personnel involved in the pig industry in Ireland. *Veterinary Journal*, **2011**, 190, 255-259	2.5	13
63	Molecular characterization of Mycobacterium avium subsp. paratuberculosis using multi-locus short sequence repeat (MLSSR) and mycobacterial interspersed repetitive units-variable number tandem repeat (MIRU-VNTR) typing methods. *Veterinary Microbiology*, **2011**, 149, 482-7	3.3	20
62	Assessment of Escherichia coli O157:H7-specific bacteriophages e11/2 and e4/1c in model broth and hide environments. *International Journal of Food Microbiology*, **2011**, 147, 188-94	5.8	47

61	In silico modeling of the staphylococcal bacteriophage-derived peptidase CHAP(K). *Bacteriophage*, **2011**, 1, 198-206		8
60	Lysins to kill - a tale of viral weapons of mass destruction. *Bioengineered Bugs*, **2011**, 2, 306-8		8
59	Development of a broad-host-range phage cocktail for biocontrol. *Bioengineered Bugs*, **2011**, 2, 31-7		40
58	Cloning and expression of a mureinolytic enzyme from the mycobacteriophage TM4. *FEMS Microbiology Letters*, **2010**, 311, 126-32	2.9	14
57	CRISPR analysis of bacteriophage-insensitive mutants (BIMs) of industrial Streptococcus thermophilus--implications for starter design. *Journal of Applied Microbiology*, **2010**, 108, 945-955	4.7	56
56	Investigating the spectrum of biological activity of ring-substituted salicylanilides and carbamoylphenylcarbamates. *Molecules*, **2010**, 15, 8122-42	4.8	32
55	Recombinant bacteriophage lysins as antibacterials. *Bioengineered Bugs*, **2010**, 1, 9-16		143
54	Gene encoded antimicrobial peptides, a template for the design of novel anti-mycobacterial drugs. *Bioengineered Bugs*, **2010**, 1, 408-12		35
53	In vivo and ex vivo evaluations of bacteriophages e11/2 and e4/1c for use in the control of Escherichia coli O157:H7. *Applied and Environmental Microbiology*, **2010**, 76, 7210-6	4.8	56
52	Development of a novel oral vaccine against Mycobacterium avium paratuberculosis and Johne disease: a patho-biotechnological approach. *Bioengineered Bugs*, **2010**, 1, 155-63		7
51	Comparison of the activities of the lantibiotics nisin and lacticin 3147 against clinically significant mycobacteria. *International Journal of Antimicrobial Agents*, **2010**, 36, 132-6	14.3	66
50	The truncated phage lysin CHAP(k) eliminates Staphylococcus aureus in the nares of mice. *Bioengineered Bugs*, **2010**, 1, 404-7		65
49	In silico analysis of Ardmore, a novel mycobacteriophage isolated from soil. *Gene*, **2010**, 453, 9-23	3.8	21
48	Genome analysis of the Clostridium difficile phage PhiCD6356, a temperate phage of the Siphoviridae family. *Gene*, **2010**, 462, 34-43	3.8	41
47	Phage and their lysins as biocontrol agents for food safety applications. *Annual Review of Food Science and Technology*, **2010**, 1, 449-68	14.7	82
46	Emergence of MRSA clone ST22 in healthy young adults in the community in the absence of risk factors. *Epidemiology and Infection*, **2010**, 138, 673-6	4.3	20
45	Investigating the activity spectrum for ring-substituted 8-hydroxyquinolines. *Molecules*, **2010**, 15, 288-304	4.8	36
44	The use of Lactobacillus brevis PS1 to in vitro inhibit the outgrowth of Fusarium culmorum and other common Fusarium species found on barley. *International Journal of Food Microbiology*, **2010**, 141, 116-21	5.8	48

43	Isolation and detection of Mycobacterium avium subsp. paratuberculosis (MAP) from cattle in Ireland using both traditional culture and molecular based methods. *Gut Pathogens*, **2010**, 2, 11	5.4	31
42	Investigating biological activity spectrum for novel styrylquinazoline analogues. *Molecules*, **2009**, 14, 4246-65	4.8	41
41	Phage lysin LysK can be truncated to its CHAP domain and retain lytic activity against live antibiotic-resistant staphylococci. *Applied and Environmental Microbiology*, **2009**, 75, 872-4	4.8	98
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