

SÃ©amus Fanning

List of Publications by Year in descending order

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425
papers

15,615
citations

18482

62
h-index

34986

98
g-index

440
all docs

440
docs citations

440
times ranked

13492
citing authors

#	ARTICLE	IF	CITATIONS
1	Enterobacter Species. , 2022, , 469-481.		1
2	Does Silver in Different Forms Affect Bacterial Susceptibility and Resistance? A Mechanistic Perspective. ACS Applied Bio Materials, 2022, 5, 801-817.	4.6	2
3	Inactivation and Recovery of High Quality RNA From Positive SARS-CoV-2 Rapid Antigen Tests Suitable for Whole Virus Genome Sequencing. Frontiers in Public Health, 2022, 10, 863862.	2.7	9
4	Genomic Epidemiology of ST34 Monophasic Salmonella enterica Serovar Typhimurium from Clinical Patients from 2008 to 2017 in Henan, China. Engineering, 2022, 15, 34-44.	6.7	13
5	Complete genome sequences and genomic characterization of five plasmids harbored by environmentally persistent Cronobacter sakazakii strains ST83 H322 and ST64 GK1025B obtained from powdered infant formula manufacturing facilities. Gut Pathogens, 2022, 14, .	3.4	4
6	Insights into the mechanisms of Cronobacter sakazakii virulence. Microbial Pathogenesis, 2022, 169, 105643.	2.9	14
7	Characterization of Cronobacter sakazakii Strains Originating from Plant-Origin Foods Using Comparative Genomic Analyses and Zebrafish Infectivity Studies. Microorganisms, 2022, 10, 1396.	3.6	6
8	A 16S rRNA Sequencing Study Describing the Environmental Microbiota of Two Powdered Infant Formula Built Facilities. Foodborne Pathogens and Disease, 2022, 19, 473-484.	1.8	1
9	Sporulation and Biofilms as Survival Mechanisms of <i>Bacillus</i> Species in Low-Moisture Food Production Environments. Foodborne Pathogens and Disease, 2022, 19, 448-462.	1.8	3
10	16S rRNA Based Profiling of Bacterial Communities Colonizing Bakery-Production Environments. Foodborne Pathogens and Disease, 2022, 19, 485-494.	1.8	4
11	Comparison Between Full-Length 16S rRNA Metabarcoding and Whole Metagenome Sequencing Suggests the Use of Either Is Suitable for Large-Scale Microbiome Studies. Foodborne Pathogens and Disease, 2022, 19, 495-504.	1.8	8
12	Shotgun metagenomic sequencing of bulk tank milk filters reveals the role of Moraxellaceae and Enterobacteriaceae as carriers of antimicrobial resistance genes. Food Research International, 2022, 158, 111579.	6.2	6
13	Investigation of tigecycline resistant Escherichia coli from raw meat reveals potential transmission among food-producing animals. Food Control, 2021, 121, 107633.	5.5	5
14	<i>Klebsiella pneumoniae</i> : Prevalence, Reservoirs, Antimicrobial Resistance, Pathogenicity, and Infection: A Hitherto Unrecognized Zoonotic Bacterium. Foodborne Pathogens and Disease, 2021, 18, 63-84.	1.8	36
15	Detection of Hepatitis E Virus in the Pig Livers and Retail Pork Samples Collected in Selected Cities in China. Foodborne Pathogens and Disease, 2021, 18, 97-103.	1.8	10
16	Whole-genome Sequencing to Track Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Transmission in Nosocomial Outbreaks. Clinical Infectious Diseases, 2021, 72, e727-e735.	5.8	107
17	The Role of Genomics in Food Quality and Safety Management: Possibilities and Limitations. , 2021, , 127-137.		1
18	Cronobacter species. , 2021, , 265-283.		1

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19	Characterization of Non-O157 Shiga Toxin-Producing <i>Escherichia coli</i> Cultured from Cattle Farms in Xinjiang Uygur Autonomous Region, China, During 2016â€“2017. <i>Foodborne Pathogens and Disease</i> , 2021, 18, 761-770.	1.8	4
20	Silver Nanoparticles Induce a Triclosan-Like Antibacterial Action Mechanism in Multi-Drug Resistant <i>Klebsiella pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 638640.	3.5	22
21	An Overview of Shiga-Toxin Producing <i>Escherichia coli</i> Carriage and Prevalence in the Ovine Meat Production Chain. <i>Foodborne Pathogens and Disease</i> , 2021, 18, 147-168.	1.8	8
22	Genomic insights into persistence of <i>Listeria</i> species in the food processing environment. <i>Journal of Applied Microbiology</i> , 2021, 131, 2082-2094.	3.1	35
23	Emergence of a <i>Salmonella enterica</i> serovar Typhimurium ST34 isolate, CFSA629, carrying a novel <i>mcr-1.19</i> variant cultured from egg in China. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1776-1785.	3.0	14
24	Call for Special Issue Papers: Special Issue on Detecting and Tracking Zoonotic Bacteria Using Non-Culture-Based Methods. <i>Foodborne Pathogens and Disease</i> , 2021, 18, 297-297.	1.8	0
25	Molecular characterization of two novel NDM-1-producing atypical enteroaggregative <i>Escherichia coli</i> isolates from patients. <i>Plasmid</i> , 2021, 115, 102568.	1.4	2
26	Comparative Genomic Analysis of the Foodborne Pathogen <i>Burkholderia gladioli</i> pv. <i>cocovenenans</i> Harboring a Bongkrekic Acid Biosynthesis Gene Cluster. <i>Frontiers in Microbiology</i> , 2021, 12, 628538.	3.5	10
27	Analysis of the Oxidative Stress Regulon Identifies <i>soxS</i> as a Genetic Target for Resistance Reversal in Multidrug-Resistant <i>Klebsiella pneumoniae</i> . <i>MBio</i> , 2021, 12, e0086721.	4.1	13
28	Antimicrobial Resistance and Genomic Characterization of Two <i>mcr-1</i> -Harboring Foodborne <i>Salmonella</i> Isolates Recovered in China, 2016. <i>Frontiers in Microbiology</i> , 2021, 12, 636284.	3.5	4
29	Colonisation dynamics of <i>Listeria monocytogenes</i> strains isolated from food production environments. <i>Scientific Reports</i> , 2021, 11, 12195.	3.3	14
30	Investigation of the Anti-Methicillin-Resistant <i>Staphylococcus aureus</i> Activity of (+)-Tanikolide- and (+)-Malyngolide-Based Analogues Prepared by Asymmetric Synthesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6400.	4.1	1
31	Whole Genome Analysis of Three Multi-Drug Resistant <i>Listeria innocua</i> and Genomic Insights Into Their Relatedness With Resistant <i>Listeria monocytogenes</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 694361.	3.5	2
32	Enriching antimicrobial peptides from milk hydrolysates using pectin/alginate food-gels. <i>Food Chemistry</i> , 2021, 352, 129220.	8.2	18
33	Application of Whole Genome Sequencing to Aid in Deciphering the Persistence Potential of <i>Listeria monocytogenes</i> in Food Production Environments. <i>Microorganisms</i> , 2021, 9, 1856.	3.6	17
34	Characterisation of Early Positive <i>mcr-1</i> Resistance Gene and Plasmidome in <i>Escherichia coli</i> Pathogenic Strains Associated with Variable Phylogroups under Colistin Selection. <i>Antibiotics</i> , 2021, 10, 1041.	3.7	7
35	Genomic Evolution of SARS-CoV-2 Virus in Immunocompromised Patient, Ireland. <i>Emerging Infectious Diseases</i> , 2021, 27, 2499-2501.	4.3	19
36	The prevalence of <i>Clostridioides difficile</i> on farms, in abattoirs and in retail foods in Ireland. <i>Food Microbiology</i> , 2021, 98, 103781.	4.2	16

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37	Processing environment monitoring in low moisture food production facilities: Are we looking for the right microorganisms?. <i>International Journal of Food Microbiology</i> , 2021, 356, 109351.	4.7	25
38	Natural co-occurrence of multi-mycotoxins in unprocessed wheat grains from China. <i>Food Control</i> , 2021, 130, 108321.	5.5	22
39	The Genomics Revolution: Agri-Food Research in the 21st Century. , 2021, , 2-18.		0
40	Prevalence and Whole-Genome Sequence-Based Analysis of Shiga Toxin-Producing <i>Escherichia coli</i> Isolates from the Recto-Anal Junction of Slaughter-Age Irish Sheep. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0138421.	3.1	9
41	Alterations in the Transcriptional Landscape Allow Differential Desiccation Tolerance in Clinical <i>Cronobacter sakazakii</i> . <i>Applied and Environmental Microbiology</i> , 2021, 87, e0083021.	3.1	8
42	High-Throughput Characterization of <i>Listeria monocytogenes</i> Using the OmniLog Phenotypic Microarray. <i>Methods in Molecular Biology</i> , 2021, 2220, 107-113.	0.9	1
43	Differences in antimicrobial susceptibility testing complicating management of IMP carbapenemase-producing <i>Enterobacterales</i> infection. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 27, 284-288.	2.2	2
44	Pathogens in Milk: <i>Campylobacter</i> spp.. , 2020, , 419-419.		0
45	Draft genome sequences of <i>Salmonella</i> Oslo isolated from seafood and its laboratory generated auxotrophic mutant. <i>Journal of Genomics</i> , 2020, 8, 7-10.	0.9	2
46	Molecular characterisation of multi-drug resistant <i>Escherichia coli</i> of bovine origin. <i>Veterinary Microbiology</i> , 2020, 242, 108566.	1.9	10
47	Comparison of two methods for cell count determination in the course of biocide susceptibility testing. <i>Veterinary Microbiology</i> , 2020, 251, 108831.	1.9	5
48	Analysis of the Molecular Diversity Among <i>Cronobacter</i> Species Isolated From Filth Flies Using Targeted PCR, Pan Genomic DNA Microarray, and Whole Genome Sequencing Analyses. <i>Frontiers in Microbiology</i> , 2020, 11, 561204.	3.5	17
49	Effect of Exposure to Chlorhexidine Residues at During Use Concentrations on Antimicrobial Susceptibility Profile, Efflux, Conjugative Plasmid Transfer, and Metabolism of <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	3
50	Microbial detection and identification methods: Bench top assays to omics approaches. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 3106-3129.	11.7	115
51	Epidemiological and genetic characterization of <i>Clostridium butyricum</i> cultured from neonatal cases of necrotizing enterocolitis in China. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 900-907.	1.8	4
52	Epidemiology of Norovirus among outpatients presenting with acute diarrhea in Dalian, China. <i>Biosafety and Health</i> , 2020, 2, 60-63.	2.7	2
53	Biocide susceptibility testing of bacteria: Development of a broth microdilution method. <i>Veterinary Microbiology</i> , 2020, 248, 108791.	1.9	27
54	Nosocomial cross-infection of hypervirulent <i>Listeria monocytogenes</i> sequence type 87 in China. <i>Annals of Translational Medicine</i> , 2020, 8, 603-603.	1.7	8

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55	The Secretion of Toxins and Other Exoproteins of Cronobacter: Role in Virulence, Adaption, and Persistence. <i>Microorganisms</i> , 2020, 8, 229.	3.6	29
56	Atypical <i>Salmonella enterica</i> Serovars in Murine and Human Macrophage Infection Models. <i>Infection and Immunity</i> , 2020, 88, .	2.2	6
57	Novel IS26-mediated hybrid plasmid harbouring tet(X4) in <i>Escherichia coli</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2020, 21, 162-168.	2.2	31
58	Investigation of the Causes of Shigatoxigenic <i>Escherichia coli</i> PCR Positive and Culture Negative Samples. <i>Microorganisms</i> , 2020, 8, 587.	3.6	14
59	Epidemiological Study on Prevalence, Serovar Diversity, Multidrug Resistance, and CTX-M-Type Extended-Spectrum β -Lactamases of <i>Salmonella</i> spp. from Patients with Diarrhea, Food of Animal Origin, and Pets in Several Provinces of China. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	26
60	Genomic diversity of <i>Salmonella enterica</i> -The UoWUCC 10K genomes project. <i>Wellcome Open Research</i> , 2020, 5, 223.	1.8	43
61	<i>Yersinia canariae</i> sp. nov., isolated from a human yersiniosis case. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2382-2387.	1.7	10
62	Comparative genomic insights into <i>Yersinia hibernica</i> – a commonly misidentified <i>Yersinia enterocolitica</i> -like organism. <i>Microbial Genomics</i> , 2020, 6, .	2.0	1
63	Effects of metal and metalloid pollutants on the microbiota composition of feces obtained from twelve commercial pig farms across China. <i>Science of the Total Environment</i> , 2019, 647, 577-586.	8.0	15
64	Complete Genome and Plasmid Sequences of Seven Isolates of <i>Salmonella enterica</i> subsp. <i>enterica</i> Harboring the mcr-1 Gene Obtained from Food in China. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
65	Detection of plasmid-mediated tigecycline-resistant gene tet(X4) in <i>Escherichia coli</i> from pork, Sichuan and Shandong Provinces, China, February 2019. <i>Eurosurveillance</i> , 2019, 24, .	7.0	59
66	A quantitative real time PCR assay to detect and enumerate <i>Escherichia coli</i> O157 and O26 serogroups in sheep recto-anal swabs. <i>Journal of Microbiological Methods</i> , 2019, 165, 105703.	1.6	10
67	Occurrence of CTX-M-123-producing <i>Salmonella</i> Indiana in chicken carcasses: a new challenge for the poultry industry and food safety. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3637-3639.	3.0	1
68	Characterization of Five <i>Escherichia coli</i> Isolates Co-expressing ESBL and MCR-1 Resistance Mechanisms From Different Origins in China. <i>Frontiers in Microbiology</i> , 2019, 10, 1994.	3.5	42
69	Exposure to Sub-inhibitory Concentrations of the Chemosensitizer 1-(1-Naphthylmethyl)-Piperazine Creates Membrane Destabilization in Multi-Drug Resistant <i>Klebsiella pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 92.	3.5	20
70	Susceptibility (re)-testing of a large collection of <i>Listeria monocytogenes</i> from foods in China from 2012 to 2015 and WGS characterization of resistant isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1786-1794.	3.0	18
71	Silent antibiotic resistance genes: A threat to antimicrobial therapy. <i>International Journal of Infectious Diseases</i> , 2019, 79, 20.	3.3	9
72	Identification of a novel hybrid plasmid coproducing MCR-1 and MCR-3 variant from an <i>Escherichia coli</i> strain. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1517-1520.	3.0	21

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73	Modulation of antimicrobial resistance in clinical isolates of <i>Enterobacter aerogenes</i> : A strategy combining antibiotics and chemosensitisers. <i>Journal of Global Antimicrobial Resistance</i> , 2019, 16, 187-198.	2.2	14
74	The Therapeutic Potential of the "Yin-Yang" Garden in Our Gut. , 2019, , .		2
75	Sentinel Listeriosis Surveillance in Selected Hospitals, China, 2013"2017. <i>Emerging Infectious Diseases</i> , 2019, 25, 2274-2277.	4.3	26
76	<i>Cronobacter</i> Species. , 2019, , 389-414.		8
77	Whole-Genome Sequencing-Based Characterization of 100 <i>Listeria monocytogenes</i> Isolates Collected from Food Processing Environments over a Four-Year Period. <i>MSphere</i> , 2019, 4, .	2.9	82
78	Genome-wide survey of efflux pump-coding genes associated with <i>Cronobacter</i> survival, osmotic adaptation, and persistence. <i>Current Opinion in Food Science</i> , 2019, 30, 32-42.	8.0	21
79	<i>Salmonella</i> harbouring the <i>mcr-1</i> gene isolated from food in China between 2012 and 2016. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 826-828.	3.0	22
80	RNA Sequencing-Based Transcriptional Overview of Xerotolerance in <i>Cronobacter sakazakii</i> SP291. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	40
81	Surveillance of Shiga-toxin producing <i>Escherichia coli</i> in Irish sheep. <i>Access Microbiology</i> , 2019, 1, .	0.5	2
82	<i>Yersinia hibernica</i> sp. nov., isolated from pig-production environments. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2023-2027.	1.7	15
83	Analysis of phenotypic traits which may impact long term survival of different <i>Escherichia coli</i> pathotypes. <i>Access Microbiology</i> , 2019, 1, .	0.5	0
84	Draft Genome Sequences of Three Novel <i>Acinetobacter</i> Isolates from an Irish Commercial Pig Farm. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	0
85	Norovirus contamination in retail oysters from Beijing and Qingdao, China. <i>Food Control</i> , 2018, 86, 415-419.	5.5	13
86	Contamination and characterization of multiple pathogens in powdered formula at retail collected between 2014 and 2015 in China. <i>Food Control</i> , 2018, 87, 40-45.	5.5	5
87	Genomic characterization of malonate positive <i>Cronobacter sakazakii</i> serotype O:2, sequence type 64 strains, isolated from clinical, food, and environment samples. <i>Gut Pathogens</i> , 2018, 10, 11.	3.4	22
88	<i>Cronobacter</i> spp."Opportunistic Foodborne Pathogens: an Update on Evolution, Osmotic Adaptation and Pathogenesis. <i>Current Clinical Microbiology Reports</i> , 2018, 5, 97-105.	3.4	31
89	<i>Salmonella</i> in breeding pigs: Shedding pattern, transmission of infection and the role of environmental contamination in Irish commercial farrow"finish herds. <i>Zoonoses and Public Health</i> , 2018, 65, e196-e206.	2.2	14
90	Molecular Characterization of CTX-M Producing <i>Salmonella</i> Isolates with Concurrent Resistance to Ciprofloxacin and Cefotaxime from Slaughtered Chicken Carcasses in Qingdao, China. <i>Journal of Antimicrobial Agents</i> , 2018, 04, .	0.2	0

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91	Increased Virulence of Bloodstream Over Peripheral Isolates of <i>P. aeruginosa</i> Identified Through Post-transcriptional Regulation of Virulence Factors. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 357.	3.9	16
92	Draft genomes of <i>Cronobacter sakazakii</i> strains isolated from dried spices bring unique insights into the diversity of plant-associated strains. <i>Standards in Genomic Sciences</i> , 2018, 13, 35.	1.5	29
93	A Comparative Study of the Susceptibility of <i>Listeria</i> Species to Sanitizer Treatments When Grown under Planktonic and Biofilm Conditions. <i>Journal of Food Protection</i> , 2018, 81, 1481-1490.	1.7	15
94	Antimicrobial Resistance in <i>Listeria</i> Species. , 2018, , 237-259.		2
95	Interaction of matrix metalloproteinase-9 and Zpx in <i>Cronobacter turicensis</i> LMG 23827-mediated infections in the zebrafish model. <i>Cellular Microbiology</i> , 2018, 20, e12888.	2.1	10
96	Multi-drug resistant <i>Escherichia coli</i> in diarrhoeagenic foals: Pulsotyping, phylotyping, serotyping, antibiotic resistance and virulence profiling. <i>Veterinary Microbiology</i> , 2018, 223, 144-152.	1.9	22
97	Antimicrobial Resistance in <i>Listeria</i> Species. <i>Microbiology Spectrum</i> , 2018, 6, .	3.0	32
98	Complete Genomic Analysis of a <i>Salmonella enterica</i> Serovar Typhimurium Isolate Cultured From Ready-to-Eat Pork in China Carrying One Large Plasmid Containing mcr-1. <i>Frontiers in Microbiology</i> , 2018, 9, 616.	3.5	24
99	Prevalence and Characterization of <i>Staphylococcus aureus</i> Cultured From Raw Milk Taken From Dairy Cows With Mastitis in Beijing, China. <i>Frontiers in Microbiology</i> , 2018, 9, 1123.	3.5	88
100	Reversing Antimicrobial Resistance in Multidrug-Resistant <i>Klebsiella pneumoniae</i> of Clinical Origin Using 1-(1-Naphthylmethyl)-Piperazine. <i>Microbial Drug Resistance</i> , 2018, 24, 1497-1506.	2.0	6
101	A scoping review on the prevalence of Shiga-toxicogenic <i>Escherichia coli</i> in wild animal species. <i>Zoonoses and Public Health</i> , 2018, 65, 911-920.	2.2	32
102	Ram locus is a key regulator to trigger multidrug resistance in <i>Enterobacter aerogenes</i> . <i>Journal of Medical Microbiology</i> , 2018, 67, 148-159.	1.8	9
103	A novel disrupted <i>mcr-1</i> gene and a lysogenized phage P1-like sequence detected from a large conjugative plasmid, cultured from a human atypical enteropathogenic <i>Escherichia coli</i> (aEPEC) recovered in China. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, dkw564.	3.0	18
104	Investigation of in-feed organic acids as a low cost strategy to combat <i>Salmonella</i> in grower pigs. <i>Preventive Veterinary Medicine</i> , 2017, 139, 50-57.	1.9	34
105	A 3-year multi-food study of the presence and persistence of <i>Listeria monocytogenes</i> in 54 small food businesses in Ireland. <i>International Journal of Food Microbiology</i> , 2017, 249, 18-26.	4.7	62
106	Serovar diversity and antimicrobial resistance of non-typhoidal <i>Salmonella enterica</i> recovered from retail chicken carcasses for sale in different regions of China. <i>Food Control</i> , 2017, 81, 46-54.	5.5	26
107	Characteristics of <i>Aerococcus viridans</i> isolated from bovine subclinical mastitis and its effect on milk SCC, yield, and composition. <i>Tropical Animal Health and Production</i> , 2017, 49, 843-849.	1.4	21
108	Characterizing the Multidrug Resistance of non-O157 Shiga Toxin-Producing <i>Escherichia coli</i> isolates from Cattle Farms and Abattoirs. <i>Microbial Drug Resistance</i> , 2017, 23, 781-790.	2.0	18

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109	Antimicrobial resistance and its association with tolerance to heavy metals in agriculture production. <i>Food Microbiology</i> , 2017, 64, 23-32.	4.2	138
110	Complete genetic analysis of a <i>Salmonella enterica</i> serovar Indiana isolate accompanying four plasmids carrying mcr-1, ESBL and other resistance genes in China. <i>Veterinary Microbiology</i> , 2017, 210, 142-146.	1.9	38
111	Genomic characterization of an extensively-drug resistance <i>Salmonella enterica</i> serotype Indiana strain harboring blaNDM-1 gene isolated from a chicken carcass in China. <i>Microbiological Research</i> , 2017, 204, 48-54.	5.3	23
112	Genomic insights into the pathogenicity and environmental adaptability of <i>Enterococcus hirae</i> R17 isolated from pork offered for retail sale. <i>MicrobiologyOpen</i> , 2017, 6, e00514.	3.0	12
113	First Report of <i>Klebsiella oxytoca</i> Strain Simultaneously Producing NDM-1, IMP-4, and KPC-2 Carbapenemases. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	38
114	Wastewater is a reservoir for clinically relevant carbapenemase- and 16s rRNA methylase-producing Enterobacteriaceae. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 436-440.	2.5	68
115	Surface attachment of active antimicrobial coatings onto conventional plastic-based laminates and performance assessment of these materials on the storage life of vacuum packaged beef sub-primals. <i>Food Microbiology</i> , 2017, 62, 196-201.	4.2	37
116	Use of a Pan-Genomic DNA Microarray in Determination of the Phylogenetic Relatedness among <i>Cronobacter</i> spp. and Its Use as a Data Mining Tool to Understand <i>Cronobacter</i> Biology. <i>Microarrays (Basel, Switzerland)</i> , 2017, 6, 6.	1.4	6
117	Analysis and Characterization of Proteins Associated with Outer Membrane Vesicles Secreted by <i>Cronobacter</i> spp.. <i>Frontiers in Microbiology</i> , 2017, 8, 134.	3.5	28
118	Prevalence and Molecular Characteristics of Extended-Spectrum β -Lactamase Genes in <i>Escherichia coli</i> Isolated from Diarrheic Patients in China. <i>Frontiers in Microbiology</i> , 2017, 8, 144.	3.5	24
119	A Review on the Applications of Next Generation Sequencing Technologies as Applied to Food-Related Microbiome Studies. <i>Frontiers in Microbiology</i> , 2017, 8, 1829.	3.5	245
120	Exploring the Genome and Phenotype of Multi-Drug Resistant <i>Klebsiella pneumoniae</i> of Clinical Origin. <i>Frontiers in Microbiology</i> , 2017, 8, 1913.	3.5	35
121	Enterotoxigenicity and Antimicrobial Resistance of <i>Staphylococcus aureus</i> Isolated from Retail Food in China. <i>Frontiers in Microbiology</i> , 2017, 8, 2256.	3.5	63
122	Controlling Blown Pack Spoilage Using Anti-Microbial Packaging. <i>Foods</i> , 2017, 6, 67.	4.3	6
123	Genomic characterization of a large plasmid containing a bla NDM-1 gene carried on <i>Salmonella enterica</i> serovar Indiana C629 isolate from China. <i>BMC Infectious Diseases</i> , 2017, 17, 479.	2.9	29
124	Molecular and Epidemiological Characterization of Infant Botulism in Beijing, China. <i>Biomedical and Environmental Sciences</i> , 2017, 30, 460-464.	0.2	1
125	Pathogens in Milk: <i>Enterobacter</i> Species. , 2016, , .		0
126	Draft Genome Sequence of <i>Escherichia coli</i> 26R 793, a Plasmid-Free Recipient Strain Commonly Used in Conjugation Assays. <i>Genome Announcements</i> , 2016, 4, .	0.8	1

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127	Flow Cytometric and 16S Sequencing Methodologies for Monitoring the Physiological Status of the Microbiome in Powdered Infant Formula Production. <i>Frontiers in Microbiology</i> , 2016, 7, 968.	3.5	12
128	Molecular Characterization of Salmonella Serovars Anatum and Ealing Associated with Two Historical Outbreaks, Linked to Contaminated Powdered Infant Formula. <i>Frontiers in Microbiology</i> , 2016, 7, 1664.	3.5	2
129	Complete Genome Sequence of Clostridium estertheticum DSM 8809, a Microbe Identified in Spoiled Vacuum Packed Beef. <i>Frontiers in Microbiology</i> , 2016, 7, 1764.	3.5	19
130	Longitudinal Study of Two Irish Dairy Herds: Low Numbers of Shiga Toxin-Producing Escherichia coli O157 and O26 Super-Shedders Identified. <i>Frontiers in Microbiology</i> , 2016, 7, 1850.	3.5	28
131	Comparative Genomics of the Listeria monocytogenes ST204 Subgroup. <i>Frontiers in Microbiology</i> , 2016, 7, 2057.	3.5	34
132	Emerging Infectious Disease Implications of Invasive Mammalian Species: The Greater White-Toothed Shrew (Crocidura russula) Is Associated With a Novel Serovar of Pathogenic Leptospira in Ireland. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005174.	3.0	27
133	Complete Genome Sequence of Leptospira alstonii Serovar Room22 Strain GWTS #1. <i>Genome Announcements</i> , 2016, 4, .	0.8	7
134	Draft Genome Sequences of 15 Isolates of Listeria monocytogenes Serotype 1/2a, Subgroup ST204. <i>Genome Announcements</i> , 2016, 4, .	0.8	7
135	Potential for transfer of Escherichia coli O157:H7, Listeria monocytogenes and Salmonella Senftenberg from contaminated food waste derived compost and anaerobic digestate liquid to lettuce plants. <i>Food Microbiology</i> , 2016, 59, 7-13.	4.2	17
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141	The role of selenium in insulin-like growth factor I receptor (IGF-IR) expression and regulation of apoptosis in mouse osteoblasts. <i>Chemosphere</i> , 2016, 144, 2158-2164.	8.2	10
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143	Incorporation of commercially-derived antimicrobials into gelatin-based films and assessment of their antimicrobial activity and impact on physical film properties. <i>Food Control</i> , 2016, 64, 202-211.	5.5	41
144	SIRT1-mediated FoxOs pathways protect against apoptosis by promoting autophagy in osteoblast-like MC3T3-E1 cells exposed to sodium fluoride. <i>Oncotarget</i> , 2016, 7, 65218-65230.	1.8	74

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159	Phenotypic changes contributing to <i>Enterobacter gergoviae</i> biocide resistance. <i>Letters in Applied Microbiology</i> , 2015, 61, 121-129.	2.2	9
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162	Comparative Genotypic and Phenotypic Analysis of <i>Cronobacter</i> Species Cultured from Four Powdered Infant Formula Production Facilities: Indication of Pathoadaptation along the Food Chain. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4388-4402.	3.1	39

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196	Investigation of the persistence and transmission of MRSA CC 5 in pigs following intra-nasal inoculation. <i>Veterinary Microbiology</i> , 2013, 162, 771-778.	1.9	9
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198	Further Characterization of Three <i>Yersinia enterocolitica</i> Strains with a Nalidixic Acidâ€“Resistant Phenotype Isolated from Humans with Diarrhea. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 744-746.	1.8	3

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211	Genome Sequences of Two <i>Enterobacter pulveris</i> Strains, 601/05 T (=LMG 24057 T =DSM 19144 T) and 1160/04 (=LMG 24058 =DSM 19146), Isolated from Fruit Powder. <i>Genome Announcements</i> , 2013, 1, .	0.8	3
212	Genome Sequence of an <i>Enterobacter helveticus</i> Strain, 1159/04 (LMG 23733), Isolated from Fruit Powder. <i>Genome Announcements</i> , 2013, 1, .	0.8	5
213	Mechanisms of survival, responses and sources of <i>Salmonella</i> in low-moisture environments. <i>Frontiers in Microbiology</i> , 2013, 4, 331.	3.5	242
214	<i>Cronobacter</i> Species (formerly <i>Enterobacter sakazakii</i>). , 2013, , 251-258.		1
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232	Application of PCR for rapid detection and serotyping of <i>Salmonella</i> spp. from porcine carcass swabs following enrichment in semi-solid agar. <i>Food Research International</i> , 2012, 45, 993-999.	6.2	14
233	Development and Validation of a PulseNet Standardized Protocol for Subtyping Isolates of <i>Cronobacter</i> Species. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 861-867.	1.8	29
234	<i>Yersinia Enterocolitica</i> : A Brief Review of the Issues Relating to the Zoonotic Pathogen, Public Health Challenges, and the Pork Production Chain. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 179-189.	1.8	81

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236	An Evaluation of the Potential of High-Intensity Ultrasound for Improving the Microbial Safety of Poultry. <i>Food and Bioprocess Technology</i> , 2012, 5, 992-998.	4.7	39
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239	<i>Cronobacter</i> species (formerly known as <i>Enterobacter sakazakii</i>) in powdered infant formula: a review of our current understanding of the biology of this bacterium. <i>Journal of Applied Microbiology</i> , 2012, 113, 1-15.	3.1	128
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250	Mechanisms of Antibiotic Resistance in <i>Salmonella</i> : Efflux Pumps, Genetics, Quorum Sensing and Biofilm Formation. <i>Letters in Drug Design and Discovery</i> , 2011, 8, 114-123.	0.7	14
251	Survival characteristics of environmental and clinically derived strains of <i>Cronobacter sakazakii</i> in infant milk formula (IMF) and ingredients. <i>Journal of Applied Microbiology</i> , 2011, 110, 697-703.	3.1	44
252	Incidence and survival of non-O157 verocytotoxigenic <i>Escherichia coli</i> in soil. <i>Journal of Applied Microbiology</i> , 2011, 111, 484-490.	3.1	32

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254	Genotypic characterisation and cluster analysis of <i>Campylobacter jejuni</i> isolates from domestic pets, human clinical cases and retail food. <i>Irish Veterinary Journal</i> , 2011, 64, 6.	2.1	10
255	Development and evaluation of DNA and RNA real-time assays for food analysis using the <i>hilA</i> gene of <i>Salmonella enterica</i> subspecies <i>enterica</i> . <i>Food Microbiology</i> , 2011, 28, 447-456.	4.2	25
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257	Verocytotoxigenic <i>Escherichia coli</i> O157 in beef and sheep abattoirs in Ireland and characterisation of isolates by Pulsed-Field Gel Electrophoresis and Multi-Locus Variable Number of Tandem Repeat Analysis. <i>International Journal of Food Microbiology</i> , 2011, 144, 519-527.	4.7	25
258	Efficacy of UV Light Treatment for the Microbiological Decontamination of Chicken, Associated Packaging, and Contact Surfaces. <i>Journal of Food Protection</i> , 2011, 74, 565-572.	1.7	57
259	An Original Deal for New Molecule: Reversal of Efflux Pump Activity, A Rational Strategy to Combat Gram-Negative Resistant Bacteria. <i>Current Medicinal Chemistry</i> , 2011, 18, 2969-2980.	2.4	47
260	In Vitro Studies on the Effect of pH and Volatile Fatty Acid Concentration, as Influenced by Diet, on the Survival of Inoculated Nonacid- and Acid-Adapted <i>Salmonella</i> in Bovine Rumen Fluid and Feces. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 609-614.	1.8	2
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