SÃ©amus Fanning

List of Publications by Year
in descending order

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425 papers	15,615 citations	21215 62 h-index	39744 98 g-index
440 all docs	440 docs citations	440 times ranked	14581 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.	2.3	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.	1.3	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.	3.2	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, .	1.6	4
6	Insights into the mechanisms of Cronobacter sakazakii virulence. Microbial Pathogenesis, 2022, 169, 105643.	1.3	14
7	Characterization of Cronobacter sakazakii Strains Originating from Plant-Origin Foods Using Comparative Genomic Analyses and Zebrafish Infectivity Studies. Microorganisms, 2022, 10, 1396.	1.6	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.	0.8	1
9	Sporulation and Biofilms as Survival Mechanisms of Bacillus Species in Low-Moisture Food Production Environments. Foodborne Pathogens and Disease, 2022, 19, 448-462.	0.8	3
10	16S rRNA Based Profiling of Bacterial Communities Colonizing Bakery-Production Environments. Foodborne Pathogens and Disease, 2022, 19, 485-494.	0.8	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.	0.8	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.	2.9	6
13	Investigation of tigecycline resistant Escherichia coli from raw meat reveals potential transmission among food-producing animals. Food Control, 2021, 121, 107633.	2.8	5
14	Klebsiella pneumoniae: Prevalence, Reservoirs, Antimicrobial Resistance, Pathogenicity, and Infection: A Hitherto Unrecognized Zoonotic Bacterium. Foodborne Pathogens and Disease, 2021, 18, 63-84.	0.8	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.	0.8	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.	2.9	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 Escherichia coli Cultured from Cattle Farms in Xinjiang Uygur Autonomous Region, China, During 2016â€“2017. Foodborne Pathogens and Disease, 2021, 18, 761-770.	0.8	4
20	Silver Nanoparticles Induce a Triclosan-Like Antibacterial Action Mechanism in Multi-Drug Resistant Klebsiella pneumoniae. Frontiers in Microbiology, 2021, 12, 638640.	1.5	22
21	An Overview of Shiga-Toxin Producing Escherichia coli Carriage and Prevalence in the Ovine Meat Production Chain. Foodborne Pathogens and Disease, 2021, 18, 147-168.	0.8	8
22	Genomic insights into persistence of Listeria species in the food processing environment. Journal of Applied Microbiology, 2021, 131, 2082-2094.	1.4	35
23	Emergence of a Salmonella enterica serovar Typhimurium ST34 isolate, CFSA629, carrying a novel mcr-1.19 variant cultured from egg in China. Journal of Antimicrobial Chemotherapy, 2021, 76, 1776-1785.	1.3	14
24	Call for Special Issue Papers: Special Issue on Detecting and Tracking Zoonotic Bacteria Using Non-Culture-Based Methods. Foodborne Pathogens and Disease, 2021, 18, 297-297.	0.8	0
25	Molecular characterization of two novel NDM-1-producing atypical enteroaggregative Escherichia coli isolates from patients. Plasmid, 2021, 115, 102568.	0.4	2
26	Comparative Genomic Analysis of the Foodborne Pathogen Burkholderia gladioli pv. cocovenenans Harboring a Bongkrekic Acid Biosynthesis Gene Cluster. Frontiers in Microbiology, 2021, 12, 628538.	1.5	10
27	Analysis of the Oxidative Stress Regulon Identifies soxS as a Genetic Target for Resistance Reversal in Multidrug-Resistant Klebsiella pneumoniae. MBio, 2021, 12, e0086721.	1.8	13
28	Antimicrobial Resistance and Genomic Characterization of Two mcr-1-Harboring Foodborne Salmonella Isolates Recovered in China, 2016. Frontiers in Microbiology, 2021, 12, 636284.	1.5	4
29	Colonisation dynamics of Listeria monocytogenes strains isolated from food production environments. Scientific Reports, 2021, 11, 12195.	1.6	14
30	Investigation of the Anti-Methicillin-Resistant Staphylococcus aureus Activity of (+)-Tanikolide- and (+)-Malyngolide-Based Analogues Prepared by Asymmetric Synthesis. International Journal of Molecular Sciences, 2021, 22, 6400.	1.8	1
31	Whole Genome Analysis of Three Multi-Drug Resistant Listeria innocua and Genomic Insights Into Their Relatedness With Resistant Listeria monocytogenes. Frontiers in Microbiology, 2021, 12, 694361.	1.5	2
32	Enriching antimicrobial peptides from milk hydrolysates using pectin/alginate food-gels. Food Chemistry, 2021, 352, 129220.	4.2	18
33	Application of Whole Genome Sequencing to Aid in Deciphering the Persistence Potential of Listeria monocytogenes in Food Production Environments. Microorganisms, 2021, 9, 1856.	1.6	17
34	Characterisation of Early Positive mcr-1 Resistance Gene and Plasmidome in Escherichia coli Pathogenic Strains Associated with Variable Phylogroups under Colistin Selection. Antibiotics, 2021, 10, 1041.	1.5	7
35	Genomic Evolution of SARS-CoV-2 Virus in Immunocompromised Patient, Ireland. Emerging Infectious Diseases, 2021, 27, 2499-2501.	2.0	19
36	The prevalence of Clostridioides difficile on farms, in abattoirs and in retail foods in Ireland. Food Microbiology, 2021, 98, 103781.	2.1	16

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37	Processing environment monitoring in low moisture food production facilities: Are we looking for the right microorganisms?. International Journal of Food Microbiology, 2021, 356, 109351.	2.1	25
38	Natural co-occurrence of multi-mycotoxins in unprocessed wheat grains from China. Food Control, 2021, 130, 108321.	2.8	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 Escherichia coli Isolates from the Recto-Anal Junction of Slaughter-Age Irish Sheep. Applied and Environmental Microbiology, 2021, 87, e0138421.	1.4	9
41	Alterations in the Transcriptional Landscape Allow Differential Desiccation Tolerance in Clinical Cronobacter sakazakii. Applied and Environmental Microbiology, 2021, 87, e0083021.	1.4	8
42	High-Throughput Characterization of Listeria monocytogenes Using the OmniLog Phenotypic Microarray. Methods in Molecular Biology, 2021, 2220, 107-113.	0.4	1
43	Differences in antimicrobial susceptibility testing complicating management of IMP carbapenemase-producing Enterobacterales infection. Journal of Global Antimicrobial Resistance, 2021, 27, 284-288.	0.9	2
44	Pathogens in Milk: Campylobacter spp.. , 2020, , 419-419.		0
45	Draft genome sequences of Salmonella Oslo isolated from seafood and its laboratory generated auxotrophic mutant. Journal of Genomics, 2020, 8, 7-10.	0.6	2
46	Molecular characterisation of multi-drug resistant Escherichia coli of bovine origin. Veterinary Microbiology, 2020, 242, 108566.	0.8	10
47	Comparison of two methods for cell count determination in the course of biocide susceptibility testing. Veterinary Microbiology, 2020, 251, 108831.	0.8	5
48	Analysis of the Molecular Diversity Among Cronobacter Species Isolated From Filth Flies Using Targeted PCR, Pan Genomic DNA Microarray, and Whole Genome Sequencing Analyses. Frontiers in Microbiology, 2020, 11, 561204.	1.5	17
49	Effect of Exposure to Chlorhexidine Residues at â€œDuring Useâ€•Concentrations on Antimicrobial Susceptibility Profile, Efflux, Conjugative Plasmid Transfer, and Metabolism of Escherichia coli. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	3
50	Microbial detection and identification methods: Bench top assays to omics approaches. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 3106-3129.	5.9	115
51	Epidemiological and genetic characterization of Clostridium butyricum cultured from neonatal cases of necrotizing enterocolitis in China. Infection Control and Hospital Epidemiology, 2020, 41, 900-907.	1.0	4
52	Epidemiology of Norovirus among outpatients presenting with acute diarrhea in Dalian, China. Biosafety and Health, 2020, 2, 60-63.	1.2	2
53	Biocide susceptibility testing of bacteria: Development of a broth microdilution method. Veterinary Microbiology, 2020, 248, 108791.	0.8	27
54	Nosocomial cross-infection of hypervirulent Listeria monocytogenes sequence type 87 in China. Annals of Translational Medicine, 2020, 8, 603-603.	0.7	8

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55	The Secretion of Toxins and Other Exoproteins of Cronobacter: Role in Virulence, Adaption, and Persistence. Microorganisms, 2020, 8, 229.	1.6	29
56	Atypical Salmonella enterica Serovars in Murine and Human Macrophage Infection Models. Infection and Immunity, 2020, 88, .	1.0	6
57	Novel IS26-mediated hybrid plasmid harbouring tet(X4) in Escherichia coli. Journal of Global Antimicrobial Resistance, 2020, 21, 162-168.	0.9	31
58	Investigation of the Causes of Shigatoxigenic Escherichia coli PCR Positive and Culture Negative Samples. Microorganisms, 2020, 8, 587.	1.6	14
59	Epidemiological Study on Prevalence, Serovar Diversity, Multidrug Resistance, and CTX-M-Type Extended-Spectrum Î²-Lactamases of Salmonella spp. from Patients with Diarrhea, Food of Animal Origin, and Pets in Several Provinces of China. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	26
60	Genomic diversity of Salmonella enterica -The UoWUCC 10K genomes project. Wellcome Open Research, 2020, 5, 223.	0.9	43
61	Yersinia canariae sp. nov., isolated from a human yersiniosis case. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2382-2387.	0.8	10
62	Comparative genomic insights into Yersinia hibernica â€“ a commonly misidentified Yersinia enterocolitica-like organism. Microbial Genomics, 2020, 6, .	1.0	1
63	Effects of metal and metalloid pollutants on the microbiota composition of feces obtained from twelve commercial pig farms across China. Science of the Total Environment, 2019, 647, 577-586.	3.9	15
64	Complete Genome and Plasmid Sequences of Seven Isolates of Salmonella enterica subsp. enterica Harboring the mcr-1 Gene Obtained from Food in China. Microbiology Resource Announcements, 2019, 8, .	0.3	5
65	Detection of plasmid-mediated tigecycline-resistant gene tet(X4) in Escherichia coli from pork, Sichuan and Shandong Provinces, China, February 2019. Eurosurveillance, 2019, 24, .	3.9	59
66	A quantitative real time PCR assay to detect and enumerate Escherichia coli O157 and O26 serogroups in sheep recto-anal swabs. Journal of Microbiological Methods, 2019, 165, 105703.	0.7	10
67	Occurrence of CTX-M-123-producing Salmonella Indiana in chicken carcasses: a new challenge for the poultry industry and food safety. Journal of Antimicrobial Chemotherapy, 2019, 74, 3637-3639.	1.3	1
68	Characterization of Five Escherichia coli Isolates Co-expressing ESBL and MCR-1 Resistance Mechanisms From Different Origins in China. Frontiers in Microbiology, 2019, 10, 1994.	1.5	42
69	Exposure to Sub-inhibitory Concentrations of the Chemosensitizer 1-(1-Naphthylmethyl)-Piperazine Creates Membrane Destabilization in Multi-Drug Resistant Klebsiella pneumoniae. Frontiers in Microbiology, 2019, 10, 92.	1.5	20
70	Susceptibility (re)-testing of a large collection of Listeria monocytogenes from foods in China from 2012 to 2015 and WGS characterization of resistant isolates. Journal of Antimicrobial Chemotherapy, 2019, 74, 1786-1794.	1.3	18
71	Silent antibiotic resistance genes: A threat to antimicrobial therapy. International Journal of Infectious Diseases, 2019, 79, 20.	1.5	9
72	Identification of a novel hybrid plasmid coproducing MCR-1 and MCR-3 variant from an Escherichia coli strain. Journal of Antimicrobial Chemotherapy, 2019, 74, 1517-1520.	1.3	21

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73	Modulation of antimicrobial resistance in clinical isolates of Enterobacter aerogenes: A strategy combining antibiotics and chemosensitisers. Journal of Global Antimicrobial Resistance, 2019, 16, 187-198.	0.9	14
74	The Therapeutic Potential of the â€œYin-Yangâ€•Garden in Our Gut. , 2019, , .		2
75	Sentinel Listeriosis Surveillance in Selected Hospitals, China, 2013â€“2017. Emerging Infectious Diseases, 2019, 25, 2274-2277.	2.0	26
76	Cronobacter Species. , 2019, , 389-414.		8
77	Whole-Genome Sequencing-Based Characterization of 100 Listeria monocytogenes Isolates Collected from Food Processing Environments over a Four-Year Period. MSphere, 2019, 4, .	1.3	82
78	Genome-wide survey of efflux pump-coding genes associated with Cronobacter survival, osmotic adaptation, and persistence. Current Opinion in Food Science, 2019, 30, 32-42.	4.1	21
79	Salmonella harbouring the mcr-1 gene isolated from food in China between 2012 and 2016. Journal of Antimicrobial Chemotherapy, 2019, 74, 826-828.	1.3	22
80	RNA Sequencing-Based Transcriptional Overview of Xerotolerance in Cronobacter sakazakii SP291. Applied and Environmental Microbiology, 2019, 85, .	1.4	40
81	Surveillance of Shiga-toxin producing Escherichia coli in Irish sheep. Access Microbiology, 2019, 1, .	0.2	2
82	Yersinia hibernica sp. nov., isolated from pig-production environments. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2023-2027.	0.8	15
83	Analysis of phenotypic traits which may impact long term survival of different Escherichia coli pathotypes. Access Microbiology, 2019, 1, .	0.2	0
84	Draft Genome Sequences of Three Novel Acinetobacter Isolates from an Irish Commercial Pig Farm. Microbiology Resource Announcements, 2019, 8, .	0.3	0
85	Norovirus contamination in retail oysters from Beijing and Qingdao, China. Food Control, 2018, 86, 415-419.	2.8	13
86	Contamination and characterization of multiple pathogens in powdered formula at retail collected between 2014 and 2015 in China. Food Control, 2018, 87, 40-45.	2.8	5
87	Genomic characterization of malonate positive Cronobacter sakazakii serotype O:2, sequence type 64 strains, isolated from clinical, food, and environment samples. Gut Pathogens, 2018, 10, 11.	1.6	22
88	Cronobacter spp.â€”Opportunistic Foodborne Pathogens: an Update on Evolution, Osmotic Adaptation and Pathogenesis. Current Clinical Microbiology Reports, 2018, 5, 97-105.	1.8	31
89	Salmonella in breeding pigs: Shedding pattern, transmission of infection and the role of environmental contamination in Irish commercial farrowâ€toâ€finish herds. Zoonoses and Public Health, 2018, 65, e196-e206.	0.9	14
90	Molecular Characterization of CTX-M Producing Salmonella Isolates with Concurrent Resistance to Ciprofloxacin and Cefotaxime from Slaughtered Chicken Carcasses in Qingdao, China. Journal of Antimicrobial Agents, 2018, 04, .	0.2	0

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91	Increased Virulence of Bloodstream Over Peripheral Isolates of P. aeruginosa Identified Through Post-transcriptional Regulation of Virulence Factors. Frontiers in Cellular and Infection Microbiology, 2018, 8, 357.	1.8	16
92	Draft genomes of Cronobacter sakazakii strains isolated from dried spices bring unique insights into the diversity of plant-associated strains. Standards in Genomic Sciences, 2018, 13, 35.	1.5	29
93	A Comparative Study of the Susceptibility of Listeria Species to Sanitizer Treatments When Grown under Planktonic and Biofilm Conditions. Journal of Food Protection, 2018, 81, 1481-1490.	0.8	15
94	Antimicrobial Resistance in Listeria Species. , 2018, , 237-259.		2
95	Interaction of matrix metalloproteinase-9 and Zpx inCronobacter turicensisLMG 23827^Tmediated infections in the zebrafish model. Cellular Microbiology, 2018, 20, e12888.	1.1	10
96	Multi-drug resistant Escherichia coli in diarrhoeagenic foals: Pulsotyping, phylotyping, serotyping, antibiotic resistance and virulence profiling. Veterinary Microbiology, 2018, 223, 144-152.	0.8	22
97	Antimicrobial Resistance inListeriaSpecies. Microbiology Spectrum, 2018, 6, .	1.2	32
98	Complete Genomic Analysis of a Salmonella enterica Serovar Typhimurium Isolate Cultured From Ready-to-Eat Pork in China Carrying One Large Plasmid Containing mcr-1. Frontiers in Microbiology, 2018, 9, 616.	1.5	24
99	Prevalence and Characterization of Staphylococcus aureus Cultured From Raw Milk Taken From Dairy Cows With Mastitis in Beijing, China. Frontiers in Microbiology, 2018, 9, 1123.	1.5	88
100	Reversing Antimicrobial Resistance in Multidrug-Resistant Klebsiella pneumoniae of Clinical Origin Using 1-(1-Naphthylmethyl)-Piperazine. Microbial Drug Resistance, 2018, 24, 1497-1506.	0.9	6
101	A scoping review on the prevalence of Shigaâ€toxigenic Escherichia coli in wild animal species. Zoonoses and Public Health, 2018, 65, 911-920.	0.9	32
102	Ram locus is a key regulator to trigger multidrug resistance in Enterobacter aerogenes. Journal of Medical Microbiology, 2018, 67, 148-159.	0.7	9
103	A novel disrupted mcr-1 gene and a lysogenized phage P1-like sequence detected from a large conjugative plasmid, cultured from a human atypical enteropathogenic Escherichia coli (aEPEC) recovered in China. Journal of Antimicrobial Chemotherapy, 2017, 72, dkw564.	1.3	18
104	Investigation of in-feed organic acids as a low cost strategy to combat Salmonella in grower pigs. Preventive Veterinary Medicine, 2017, 139, 50-57.	0.7	34
105	A 3-year multi-food study of the presence and persistence of Listeria monocytogenes in 54 small food businesses in Ireland. International Journal of Food Microbiology, 2017, 249, 18-26.	2.1	62
106	Serovar diversity and antimicrobial resistance of non-typhoidal Salmonella enterica recovered from retail chicken carcasses for sale inÂdifferent regions of China. Food Control, 2017, 81, 46-54.	2.8	26
107	Characteristics of Aerococcus viridans isolated from bovine subclinical mastitis and its effect on milk SCC, yield, and composition. Tropical Animal Health and Production, 2017, 49, 843-849.	0.5	21
108	Characterizing the Multidrug Resistance of non-O157 Shiga Toxin-ProducingEscherichia coliIsolates from Cattle Farms and Abattoirs. Microbial Drug Resistance, 2017, 23, 781-790.	0.9	18

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109	Antimicrobial resistance and its association with tolerance to heavy metals in agriculture production. Food Microbiology, 2017, 64, 23-32.	2.1	138
110	Complete genetic analysis of a Salmonella enterica serovar Indiana isolate accompanying four plasmids carrying mcr-1, ESBL and other resistance genes in China. Veterinary Microbiology, 2017, 210, 142-146.	0.8	38
111	Genomic characterization of an extensively-drug resistance Salmonella enterica serotype Indiana strain harboring blaNDM-1 gene isolated from a chicken carcass in China. Microbiological Research, 2017, 204, 48-54.	2.5	23
112	Genomic insights into the pathogenicity and environmental adaptability of Enterococcus hirae R17 isolated from pork offered for retail sale. MicrobiologyOpen, 2017, 6, e00514.	1.2	12
113	First Report of Klebsiella oxytoca Strain Simultaneously Producing NDM-1, IMP-4, and KPC-2 Carbapenemases. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	38
114	Wastewater is a reservoir for clinically relevant carbapenemase- and 16s rRNA methylase-producing Enterobacteriaceae. International Journal of Antimicrobial Agents, 2017, 50, 436-440.	1.1	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. Food Microbiology, 2017, 62, 196-201.	2.1	37
116	Use of a Panâ€“Genomic DNA Microarray in Determination of the Phylogenetic Relatedness among Cronobacter spp. and Its Use as a Data Mining Tool to Understand Cronobacter Biology. Microarrays (Basel, Switzerland), 2017, 6, 6.	1.4	6
117	Analysis and Characterization of Proteins Associated with Outer Membrane Vesicles Secreted by Cronobacter spp.. Frontiers in Microbiology, 2017, 8, 134.	1.5	28
118	Prevalence and Molecular Characteristics of Extended-Spectrum Î²-Lactamase Genes in Escherichia coli Isolated from Diarrheic Patients in China. Frontiers in Microbiology, 2017, 8, 144.	1.5	24
119	A Review on the Applications of Next Generation Sequencing Technologies as Applied to Food-Related Microbiome Studies. Frontiers in Microbiology, 2017, 8, 1829.	1.5	245
120	Exploring the Genome and Phenotype of Multi-Drug Resistant Klebsiella pneumoniae of Clinical Origin. Frontiers in Microbiology, 2017, 8, 1913.	1.5	35
121	Enterotoxigenicity and Antimicrobial Resistance of Staphylococcus aureus Isolated from Retail Food in China. Frontiers in Microbiology, 2017, 8, 2256.	1.5	63
122	Controlling Blown Pack Spoilage Using Anti-Microbial Packaging. Foods, 2017, 6, 67.	1.9	6
123	Genomic characterization of a large plasmid containing a bla NDM-1 gene carried on Salmonella enterica serovar Indiana C629 isolate from China. BMC Infectious Diseases, 2017, 17, 479.	1.3	29
124	Molecular and Epidemiological Characterization of Infant Botulism in Beijing, China. Biomedical and Environmental Sciences, 2017, 30, 460-464.	0.2	1
125	Pathogens in Milk: Enterobacter Species. , 2016, , .		0
126	Draft Genome Sequence of Escherichia coli 26R 793, a Plasmid-Free Recipient Strain Commonly Used in Conjugation Assays. Genome Announcements, 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. Frontiers in Microbiology, 2016, 7, 968.	1.5	12
128	Molecular Characterization of Salmonella Serovars Anatum and Ealing Associated with Two Historical Outbreaks, Linked to Contaminated Powdered Infant Formula. Frontiers in Microbiology, 2016, 7, 1664.	1.5	2
129	Complete Genome Sequence of Clostridium estertheticum DSM 8809, a Microbe Identified in Spoiled Vacuum Packed Beef. Frontiers in Microbiology, 2016, 7, 1764.	1.5	19
130	Longitudinal Study of Two Irish Dairy Herds: Low Numbers of Shiga Toxin-Producing Escherichia coli O157 and O26 Super-Shedders Identified. Frontiers in Microbiology, 2016, 7, 1850.	1.5	28
131	Comparative Genomics of the Listeria monocytogenes ST204 Subgroup. Frontiers in Microbiology, 2016, 7, 2057.	1.5	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. PLoS Neglected Tropical Diseases, 2016, 10, e0005174.	1.3	27
133	Complete Genome Sequence of Leptospira alstonii Serovar Room22 Strain GWTS #1. Genome Announcements, 2016, 4, .	0.8	7
134	Draft Genome Sequences of 15 Isolates of Listeria monocytogenes Serotype 1/2a, Subgroup ST204. Genome Announcements, 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. Food Microbiology, 2016, 59, 7-13.	2.1	17
136	Characterisation of multidrug-resistant Shiga toxin-producing Escherichia coli cultured from pigs in China: co-occurrence of extended-spectrum Î²-lactamase- and mcr-1-encoding genes on plasmids. International Journal of Antimicrobial Agents, 2016, 48, 445-448.	1.1	44
137	An Investigation of the Innate Immune Response in Bovine Mammary Epithelial Cells Challenged by Prototheca zopfii. Mycopathologia, 2016, 181, 823-832.	1.3	12
138	Molecular characterization ofblaESBL-producingEscherichia colicultured from pig farms in Ireland. Journal of Antimicrobial Chemotherapy, 2016, 71, 3062-3065.	1.3	22
139	Antimicrobial Resistance of Faecal Escherichia coli Isolates from Pig Farms with Different Durations of Inâ€feed Antimicrobial Use. Zoonoses and Public Health, 2016, 63, 241-250.	0.9	43
140	Emergence and Diversity of Salmonella enterica Serovar Indiana Isolates with Concurrent Resistance to Ciprofloxacin and Cefotaxime from Patients and Food-Producing Animals in China. Antimicrobial Agents and Chemotherapy, 2016, 60, 3365-3371.	1.4	75
141	The role of selenium in insulin-like growth factor I receptor (IGF-IR) expression and regulation of apoptosis in mouse osteoblasts. Chemosphere, 2016, 144, 2158-2164.	4.2	10
142	Quaternary Ammonium Compounds (QACs) induced inactivation of Pseudomonas spp.: Effect of material surface. Food and Bioproducts Processing, 2016, 98, 71-78.	1.8	3
143	Incorporation of commercially-derived antimicrobials into gelatin-based films and assessment of their antimicrobial activity and impact on physical film properties. Food Control, 2016, 64, 202-211.	2.8	41
144	SIRT1-mediated FoxOs pathways protect against apoptosis by promoting autophagy in osteoblast-like MC3T3-E1 cells exposed to sodium fluoride. Oncotarget, 2016, 7, 65218-65230.	0.8	74

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145	Targets to increase food production: One Health implications. Infection Ecology and Epidemiology, 2015, 5, 27708.	0.5	5
146	Detection and characterisation of novel bocavirus (genus Bocaparvovirus) and gastroenteritis viruses from asymptomatic pigs in Ireland. Infection Ecology and Epidemiology, 2015, 5, 27270.	0.5	12
147	Insights into antimicrobial resistance among long distance migratory East Canadian High Arctic light-bellied Brent geese (Branta bernicla hrota). Irish Veterinary Journal, 2015, 69, 13.	0.8	16
148	The ins and outs of RND efflux pumps in Escherichia coli. Frontiers in Microbiology, 2015, 6, 587.	1.5	219
149	Development of a Custom-Designed, Pan Genomic DNA Microarray to Characterize Strain-Level Diversity among Cronobacter spp.. Frontiers in Pediatrics, 2015, 3, 36.	0.9	26
150	Strategies for the Identification and Tracking of Cronobacter Species: An Opportunistic Pathogen of Concern to Neonatal Health. Frontiers in Pediatrics, 2015, 3, 38.	0.9	22
151	Molecular and Phenotypic Characterization of Aerococcus viridans Associated with Subclinical Bovine Mastitis. PLoS ONE, 2015, 10, e0125001.	1.1	20
152	Characterization of the genetic environment of blaESBL genes, integrons and toxin-antitoxin systems identified on large transferrable plasmids in multi-drug resistant Escherichia coli. Frontiers in Microbiology, 2015, 5, 716.	1.5	24
153	Control of Listeria species food safety at a poultry food production facility. Food Microbiology, 2015, 51, 81-86.	2.1	22
154	Exposure of Salmonella enterica Serovar Typhimurium to Three Humectants Used in the Food Industry Induces Different Osmoadaptation Systems. Applied and Environmental Microbiology, 2015, 81, 6800-6811.	1.4	19
155	Complete Genome Sequence of Listeria monocytogenes Strain DPC6895, a Serotype 1/2b Isolate from Bovine Raw Milk. Genome Announcements, 2015, 3, .	0.8	3
156	Antimicrobial Resistance in Wildlife: Implications for Public Health. Zoonoses and Public Health, 2015, 62, 534-542.	0.9	96
157	Changing patterns of rotavirus strains circulating in Ireland: Re-emergence of G2P[4] and identification of novel genotypes in Ireland. Journal of Medical Virology, 2015, 87, 764-773.	2.5	17
158	Elucidation of the RamA Regulon in Klebsiella pneumoniae Reveals a Role in LPS Regulation. PLoS Pathogens, 2015, 11, e1004627.	2.1	95
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