

Edward M Fox

List of Publications by Year in descending order

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73
papers

2,279
citations

186265

28
h-index

233421

45
g-index

73
all docs

73
docs citations

73
times ranked

2660
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Genomics in Food Quality and Safety Management: Possibilities and Limitations. , 2021, , 127-137.		1
2	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
3	Colonisation dynamics of <i>Listeria monocytogenes</i> strains isolated from food production environments. <i>Scientific Reports</i> , 2021, 11, 12195.	3.3	14
4	Characterisation of <i>Listeria monocytogenes</i> food-associated isolates to assess environmental fitness and virulence potential. <i>International Journal of Food Microbiology</i> , 2021, 350, 109247.	4.7	18
5	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
6	High-Throughput Screening of Biofilm Formation of <i>Listeria monocytogenes</i> on Stainless Steel Coupons Using a 96-Well Plate Format. <i>Methods in Molecular Biology</i> , 2021, 2220, 115-122.	0.9	0
7	Prevalence, Pathogenicity, Virulence, Antibiotic Resistance, and Phylogenetic Analysis of Biofilm-Producing <i>Listeria monocytogenes</i> Isolated from Different Ecological Niches in Egypt: Food, Humans, Animals, and Environment. <i>Pathogens</i> , 2020, 9, 5.	2.8	21
8	Recovery of wasted fruit and vegetables for improving sustainable diets. <i>Trends in Food Science and Technology</i> , 2020, 95, 75-85.	15.1	57
9	The migration of acetochlor from feed to milk. <i>RSC Advances</i> , 2020, 10, 44344-44351.	3.6	3
10	Multiplex loop-mediated isothermal amplification-based lateral flow dipstick for simultaneous detection of 3 food-borne pathogens in powdered infant formula. <i>Journal of Dairy Science</i> , 2020, 103, 4002-4012.	3.4	36
11	<i>Staphylococcus aureus</i> “ Dairy. , 2020, , .		0
12	<i>Bacillus cereus</i> non-haemolytic enterotoxin activates the NLRP3 inflammasome. <i>Nature Communications</i> , 2020, 11, 760.	12.8	51
13	Comparative Genomics and Phenotypic Investigations Into Antibiotic, Heavy Metal, and Disinfectant Susceptibilities of <i>Salmonella enterica</i> Strains Isolated in Australia. <i>Frontiers in Microbiology</i> , 2019, 10, 1620.	3.5	13
14	Typing and evaluating heat resistance of <i>Bacillus cereus sensu stricto</i> isolated from the processing environment of powdered infant formula. <i>Journal of Dairy Science</i> , 2019, 102, 7781-7793.	3.4	35
15	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
16	A multicomponent toxin from <i>Bacillus cereus</i> incites inflammation and shapes host outcome via the NLRP3 inflammasome. <i>Nature Microbiology</i> , 2019, 4, 362-374.	13.3	78
17	Key pathogenic bacteria associated with dairy foods: On-farm ecology and products associated with foodborne pathogen transmission. <i>International Dairy Journal</i> , 2018, 84, 28-35.	3.0	12
18	Vibrational spectroscopy combined with transcriptomic analysis for investigation of bacterial responses towards acid stress. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 333-343.	3.6	14

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19	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
20	Silver nanoparticles: A novel antibacterial agent for control of <i>Cronobacter sakazakii</i> . <i>Journal of Dairy Science</i> , 2018, 101, 10775-10791.	3.4	28
21	Antimicrobial Resistance in <i>Listeria</i> Species. , 2018, , 237-259.		2
22	Antimicrobial Resistance in <i>Listeria</i> Species. <i>Microbiology Spectrum</i> , 2018, 6, .	3.0	32
23	Novel Biocontrol Methods for <i>Listeria monocytogenes</i> Biofilms in Food Production Facilities. <i>Frontiers in Microbiology</i> , 2018, 9, 605.	3.5	85
24	Virulence Gene Sequencing Highlights Similarities and Differences in Sequences in <i>Listeria monocytogenes</i> Serotype 1/2a and 4b Strains of Clinical and Food Origin From 3 Different Geographic Locations. <i>Frontiers in Microbiology</i> , 2018, 9, 1103.	3.5	37
25	Phenotypic and Genotypic Analysis of Antimicrobial Resistance among <i>Listeria monocytogenes</i> Isolated from Australian Food Production Chains. <i>Genes</i> , 2018, 9, 80.	2.4	60
26	Draft Genome Sequence of <i>Leifsonia</i> sp. Strain NCR5, a Rhizobacterium Isolated from Cadmium-Contaminated Soil. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
27	Draft Genome Sequences of 15 <i>Staphylococcus aureus</i> Isolates Recovered from Raw Milk and Associated Milk Filters from Victoria, Australia. <i>Genome Announcements</i> , 2017, 5, .	0.8	0
28	Food safety for food security: Relationship between global megatrends and developments in food safety. <i>Trends in Food Science and Technology</i> , 2017, 68, 160-175.	15.1	293
29	Whole genome sequence analysis; an improved technology that identifies underlying genotypic differences between closely related <i>Listeria monocytogenes</i> strains. <i>Innovative Food Science and Emerging Technologies</i> , 2017, 44, 89-96.	5.6	8
30	Characterization of Enterotoxigenic <i>Bacillus cereus</i> sensu lato and <i>Staphylococcus aureus</i> Isolates and Associated Enterotoxin Production Dynamics in Milk or Meat-Based Broth. <i>Toxins</i> , 2017, 9, 225.	3.4	17
31	Analysis of the <i>Listeria monocytogenes</i> Population Structure among Isolates from 1931 to 2015 in Australia. <i>Frontiers in Microbiology</i> , 2017, 8, 603.	3.5	35
32	Editorial: Microbial Food Safety along the Dairy Chain. <i>Frontiers in Microbiology</i> , 2017, 8, 1612.	3.5	4
33	Characterization of <i>Escherichia coli</i> and <i>Salmonella</i> from Victoria, Australia, Dairy Farm Environments. <i>Journal of Food Protection</i> , 2017, 80, 2078-2082.	1.7	6
34	Bi-State Conference 2016: event report. <i>Microbiology Australia</i> , 2017, 38, 36.	0.4	0
35	Draft Genome Sequence of <i>Rhodococcus erythropolis</i> NSX2, an Actinobacterium Isolated from a Cadmium-Contaminated Environment. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
36	Comparative Genomics of the <i>Listeria monocytogenes</i> ST204 Subgroup. <i>Frontiers in Microbiology</i> , 2016, 7, 2057.	3.5	34

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37	Comparative Genomic Analysis of Two Serotype 1/2b <i>Listeria monocytogenes</i> Isolates from Analogous Environmental Niches Demonstrates the Influence of Hypervariable Hotspots in Defining Pathogenesis. <i>Frontiers in Nutrition</i> , 2016, 3, 54.	3.7	4
38	Draft Genome Sequence of <i>Enterobacter ludwigii</i> NCR3, a Heavy Metal-Resistant Rhizobacterium. <i>Genome Announcements</i> , 2016, 4, .	0.8	5
39	Draft Genome Sequences of 15 Isolates of <i>Listeria monocytogenes</i> Serotype 1/2a, Subgroup ST204. <i>Genome Announcements</i> , 2016, 4, .	0.8	7
40	Characterization of <i>Staphylococcus aureus</i> isolates from raw milk sources in Victoria, Australia. <i>BMC Microbiology</i> , 2016, 16, 169.	3.3	66
41	Draft Genome Sequence of <i>Bacillus cereus</i> LCR12, a Plant Growth-Promoting Rhizobacterium Isolated from a Heavy Metal-Contaminated Environment. <i>Genome Announcements</i> , 2016, 4, .	0.8	8
42	Draft Genome Sequences of <i>Listeria monocytogenes</i> Serotype 4b Strains 944 and 2993 and Serotype 1/2c Strains 198 and 2932. <i>Genome Announcements</i> , 2016, 4, .	0.8	2
43	Seasonal occurrence and molecular diversity of clostridia species spores along cheesemaking streams of 5 commercial dairy plants. <i>Journal of Dairy Science</i> , 2016, 99, 3358-3366.	3.4	32
44	Control of <i>Listeria</i> species food safety at a poultry food production facility. <i>Food Microbiology</i> , 2015, 51, 81-86.	4.2	22
45	Complete Genome Sequence of <i>Listeria monocytogenes</i> Strain DPC6895, a Serotype 1/2b Isolate from Bovine Raw Milk. <i>Genome Announcements</i> , 2015, 3, .	0.8	3
46	Rapid identification and source-tracking of <i>Listeria monocytogenes</i> using MALDI-TOF mass spectrometry. <i>International Journal of Food Microbiology</i> , 2015, 202, 1-9.	4.7	71
47	Characterization of the spore-forming <i>Bacillus cereus</i> sensu lato group and <i>Clostridium perfringens</i> bacteria isolated from the Australian dairy farm environment. <i>BMC Microbiology</i> , 2015, 15, 38.	3.3	30
48	Differential Gene Expression of Three Gene Targets among Persistent and Nonpersistent <i>Listeria monocytogenes</i> Strains in the Presence or Absence of Benzethonium Chloride. <i>Journal of Food Protection</i> , 2015, 78, 1569-1573.	1.7	6
49	Pulsed-Field Gel Electrophoresis for <i>Listeria monocytogenes</i> . <i>Methods in Molecular Biology</i> , 2015, 1301, 43-53.	0.9	1
50	Pulsed-Field Gel Electrophoresis of <i>Bacillus cereus</i> Group Strains. <i>Methods in Molecular Biology</i> , 2015, 1301, 71-83.	0.9	4
51	Transcriptome analysis of <i>Listeria monocytogenes</i> exposed to biocide stress reveals a multi-system response involving cell wall synthesis, sugar uptake, and motility. <i>Frontiers in Microbiology</i> , 2014, 5, 68.	3.5	75
52	Comparison of <i>Listeria monocytogenes</i> Isolates across the Island of Ireland. <i>Journal of Food Protection</i> , 2014, 77, 1402-1406.	1.7	4
53	Phylogenetic Profiles of In-House Microflora in Drains at a Food Production Facility: Comparison and Biocontrol Implications of <i>Listeria</i> -Positive and -Negative Bacterial Populations. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3369-3374.	3.1	46
54	Collaborative Survey on the Colonization of Different Types of Cheese-Processing Facilities with <i>Listeria monocytogenes</i> . <i>Foodborne Pathogens and Disease</i> , 2014, 11, 8-14.	1.8	48

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55	Prevalence and characterization of foodborne pathogens from Australian dairy farm environments. <i>Journal of Dairy Science</i> , 2014, 97, 7402-7412.	3.4	87
56	<i>Listeria monocytogenes</i> . <i>Methods in Molecular Biology</i> , 2014, , .	0.9	6
57	High-Throughput Characterization of <i>Listeria monocytogenes</i> Using the OmniLog Phenotypic Microarray. <i>Methods in Molecular Biology</i> , 2014, 1157, 103-108.	0.9	9
58	Genome Sequence of <i>Cronobacter sakazakii</i> SP291, a Persistent Thermotolerant Isolate Derived from a Factory Producing Powdered Infant Formula. <i>Genome Announcements</i> , 2013, 1, e0008213.	0.8	24
59	Complete genome sequence and phenotype microarray analysis of <i>Cronobacter sakazakii</i> SP291: a persistent isolate cultured from a powdered infant formula production facility. <i>Frontiers in Microbiology</i> , 2013, 4, 256.	3.5	61
60	PFGE analysis of <i>Listeria monocytogenes</i> isolates of clinical, animal, food and environmental origin from Ireland. <i>Journal of Medical Microbiology</i> , 2012, 61, 540-547.	1.8	48
61	Troubleshooting the environmental source of contamination with <i>Listeria monocytogenes</i> in a typical small food manufacturing plant in Ireland. , 2012, , 95-101.		3
62	Surveillance of Verocytotoxigenic <i>Escherichia coli</i> in Irish Bovine Dairy Herds. <i>Zoonoses and Public Health</i> , 2012, 59, 264-271.	2.2	25
63	Molecular Diversity of <i>Listeria monocytogenes</i> Isolated from Irish Dairy Farms. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 635-641.	1.8	20
64	<i>Listeria monocytogenes</i> in Irish Farmhouse cheese processing environments. <i>International Journal of Food Microbiology</i> , 2011, 145, S39-S45.	4.7	87
65	Physiological and Transcriptional Characterization of Persistent and Nonpersistent <i>Listeria monocytogenes</i> Isolates. <i>Applied and Environmental Microbiology</i> , 2011, 77, 6559-6569.	3.1	121
66	<i>Listeria monocytogenes</i> in the Irish Dairy Farm Environment. <i>Journal of Food Protection</i> , 2009, 72, 1450-1456.	1.7	102
67	Insights into the molecular basis of the microaerophily of three <i>Campylobacteriales</i> : a comparative study. <i>Antonie Van Leeuwenhoek</i> , 2009, 96, 545-557.	1.7	8
68	<i>Enterobacter sakazakii</i> survives spray drying. <i>International Journal of Dairy Technology</i> , 2008, 61, 102-108.	2.8	40
69	Towards a one-step <i>Enterobacter sakazakii</i> enrichment. <i>Journal of Applied Microbiology</i> , 2008, 105, 1091-1097.	3.1	7
70	<i>Campylobacter jejuni</i> response to ox-bile stress. <i>FEMS Immunology and Medical Microbiology</i> , 2007, 49, 165-172.	2.7	39
71	Effects of <i>Helicobacter hepaticus</i> on the proteome of HEP-2 cells. <i>Antonie Van Leeuwenhoek</i> , 2007, 92, 289-300.	1.7	5
72	Phosphonate degradation in microorganisms. <i>Enzyme and Microbial Technology</i> , 2006, 40, 145-150.	3.2	21

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73	52. <i>Listeria monocytogenes</i> in farmhouse cheese. , 0, , 793-806.		0