# Edward M Fox

List of Publications by Year
in descending order



| 73 | 2,279 | 186265 | 233421 |
|---|---|---|---|
| papers | citations | 28 h-index | 45 g-index |

| 73 | 73 | 73 | 2660 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Food safety for food security: Relationship between global megatrends and developments in food safety. Trends in Food Science and Technology, 2017, 68, 160-175. | 15.1 | 293 |
| 2 | Physiological and Transcriptional Characterization of Persistent and Nonpersistent Listeria monocytogenes Isolates. Applied and Environmental Microbiology, 2011, 77, 6559-6569. | 3.1 | 121 |
| 3 | Listeria monocytogenes in the Irish Dairy Farm Environment. Journal of Food Protection, 2009, 72, 1450-1456. | 1.7 | 102 |
| 4 | Listeria monocytogenes in Irish Farmhouse cheese processing environments. International Journal of Food Microbiology, 2011, 145, S39-S45. | 4.7 | 87 |
| 5 | Prevalence and characterization of foodborne pathogens from Australian dairy farm environments. Journal of Dairy Science, 2014, 97, 7402-7412. | 3.4 | 87 |
| 6 | Novel Biocontrol Methods for Listeria monocytogenes Biofilms in Food Production Facilities. Frontiers in Microbiology, 2018, 9, 605. | 3.5 | 85 |
| 7 | Whole-Genome Sequencing-Based Characterization of 100 Listeria monocytogenes Isolates Collected from Food Processing Environments over a Four-Year Period. MSphere, 2019, 4, . | 2.9 | 82 |
| 8 | A multicomponent toxin from Bacillus cereus incites inflammation and shapes host outcome via the NLRP3 inflammasome. Nature Microbiology, 2019, 4, 362-374. | 13.3 | 78 |
| 9 | 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. | 3.5 | 75 |
| 10 | Rapid identification and source-tracking of Listeria monocytogenes using MALDI-TOF mass spectrometry. International Journal of Food Microbiology, 2015, 202, 1-9. | 4.7 | 71 |
| 11 | Characterization of Staphylococcus aureus isolates from raw milk sources in Victoria, Australia. BMC Microbiology, 2016, 16, 169. | 3.3 | 66 |
| 12 | Complete genome sequence and phenotype microarray analysis of Cronobacter sakazakii SP291: a persistent isolate cultured from a powdered infant formula production facility. Frontiers in Microbiology, 2013, 4, 256. | 3.5 | 61 |
| 13 | Phenotypic and Genotypic Analysis of Antimicrobial Resistance among Listeria monocytogenes Isolated from Australian Food Production Chains. Genes, 2018, 9, 80. | 2.4 | 60 |
| 14 | Recovery of wasted fruit and vegetables for improving sustainable diets. Trends in Food Science and Technology, 2020, 95, 75-85. | 15.1 | 57 |
| 15 | Bacillus cereus non-haemolytic enterotoxin activates the NLRP3 inflammasome. Nature Communications, 2020, 11, 760. | 12.8 | 51 |
| 16 | PFGE analysis of Listeria monocytogenes isolates of clinical, animal, food and environmental origin from Ireland. Journal of Medical Microbiology, 2012, 61, 540-547. | 1.8 | 48 |
| 17 | Collaborative Survey on the Colonization of Different Types of Cheese-Processing Facilities with Listeria monocytogenes. Foodborne Pathogens and Disease, 2014, 11, 8-14. | 1.8 | 48 |
| 18 | Phylogenetic Profiles of In-House Microflora in Drains at a Food Production Facility: Comparison and Biocontrol Implications of Listeria-Positive and -Negative Bacterial Populations. Applied and Environmental Microbiology, 2014, 80, 3369-3374. | 3.1 | 46 |

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|---|---|---|---|
| 19 | Enterobacter sakazakii survives spray drying. International Journal of Dairy Technology, 2008, 61, 102-108. | 2.8 | 40 |
| 20 | Campylobacter jejuniresponse to ox-bile stress. FEMS Immunology and Medical Microbiology, 2007, 49, 165-172. | 2.7 | 39 |
| 21 | Virulence Gene Sequencing Highlights Similarities and Differences in Sequences in Listeria monocytogenes Serotype 1/2a and 4b Strains of Clinical and Food Origin From 3 Different Geographic Locations. Frontiers in Microbiology, 2018, 9, 1103. | 3.5 | 37 |
| 22 | Multiplex loop-mediated isothermal amplification-based lateral flow dipstick for simultaneous detection of 3 food-borne pathogens in powdered infant formula. Journal of Dairy Science, 2020, 103, 4002-4012. | 3.4 | 36 |
| 23 | Analysis of the Listeria monocytogenes Population Structure among Isolates from 1931 to 2015 in Australia. Frontiers in Microbiology, 2017, 8, 603. | 3.5 | 35 |
| 24 | Typing and evaluating heat resistance of Bacillus cereus sensu stricto isolated from the processing environment of powdered infant formula. Journal of Dairy Science, 2019, 102, 7781-7793. | 3.4 | 35 |
| 25 | Genomic insights into persistence of Listeria species in the food processing environment. Journal of Applied Microbiology, 2021, 131, 2082-2094. | 3.1 | 35 |
| 26 | Comparative Genomics of the Listeria monocytogenes ST204 Subgroup. Frontiers in Microbiology, 2016, 7, 2057. | 3.5 | 34 |
| 27 | Seasonal occurrence and molecular diversity of clostridia species spores along cheesemaking streams of 5 commercial dairy plants. Journal of Dairy Science, 2016, 99, 3358-3366. | 3.4 | 32 |
| 28 | Antimicrobial Resistance inListeriaSpecies. Microbiology Spectrum, 2018, 6, . | 3.0 | 32 |
| 29 | Characterization of the spore-forming Bacillus cereus sensu lato group and Clostridium perfringens bacteria isolated from the Australian dairy farm environment. BMC Microbiology, 2015, 15, 38. | 3.3 | 30 |
| 30 | Silver nanoparticles: A novel antibacterial agent for control of Cronobacter sakazakii. Journal of Dairy Science, 2018, 101, 10775-10791. | 3.4 | 28 |
| 31 | Surveillance of Verocytotoxigenic Escherichia coli in Irish Bovine Dairy Herds. Zoonoses and Public Health, 2012, 59, 264-271. | 2.2 | 25 |
| 32 | Genome Sequence of Cronobacter sakazakiiSP291, a Persistent Thermotolerant Isolate Derived from a Factory Producing Powdered Infant Formula. Genome Announcements, 2013, 1, e0008213. | 0.8 | 24 |
| 33 | Control of Listeria species food safety at a poultry food production facility. Food Microbiology, 2015, 51, 81-86. | 4.2 | 22 |
| 34 | Phosphonate degradation in microorganisms. Enzyme and Microbial Technology, 2006, 40, 145-150. | 3.2 | 21 |
| 35 | Prevalence, Pathogenicity, Virulence, Antibiotic Resistance, and Phylogenetic Analysis of Biofilm-Producing Listeria monocytogenes Isolated from Different Ecological Niches in Egypt: Food, Humans, Animals, and Environment. Pathogens, 2020, 9, 5. | 2.8 | 21 |
| 36 | Molecular Diversity ofListeria monocytogenesIsolated from Irish Dairy Farms. Foodborne Pathogens and Disease, 2011, 8, 635-641. | 1.8 | 20 |

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|---|---|---|---|
| 37 | Characterisation of Listeria monocytogenes food-associated isolates to assess environmental fitness and virulence potential. International Journal of Food Microbiology, 2021, 350, 109247. | 4.7 | 18 |
| 38 | Characterization of Enterotoxigenic Bacillus cereus sensu lato and Staphylococcus aureus Isolates and Associated Enterotoxin Production Dynamics in Milk or Meat-Based Broth. Toxins, 2017, 9, 225. | 3.4 | 17 |
| 39 | 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. | 1.7 | 15 |
| 40 | Vibrational spectroscopy combined with transcriptomic analysis for investigation of bacterial responses towards acid stress. Applied Microbiology and Biotechnology, 2018, 102, 333-343. | 3.6 | 14 |
| 41 | Colonisation dynamics of Listeria monocytogenes strains isolated from food production environments. Scientific Reports, 2021, 11, 12195. | 3.3 | 14 |
| 42 | Comparative Genomics and Phenotypic Investigations Into Antibiotic, Heavy Metal, and Disinfectant Susceptibilities of Salmonella enterica Strains Isolated in Australia. Frontiers in Microbiology, 2019, 10, 1620. | 3.5 | 13 |
| 43 | Key pathogenic bacteria associated with dairy foods: On-farm ecology and products associated with foodborne pathogen transmission. International Dairy Journal, 2018, 84, 28-35. | 3.0 | 12 |
| 44 | High-Throughput Characterization of Listeria monocytogenes Using the OmniLog Phenotypic Microarray. Methods in Molecular Biology, 2014, 1157, 103-108. | 0.9 | 9 |
| 45 | Insights into the molecular basis of the microaerophily of three Campylobacterales: a comparative study. Antonie Van Leeuwenhoek, 2009, 96, 545-557. | 1.7 | 8 |
| 46 | Draft Genome Sequence of Bacillus cereus LCR12, a Plant Growthâ€“Promoting Rhizobacterium Isolated from a Heavy Metalâ€“Contaminated Environment. Genome Announcements, 2016, 4, . | 0.8 | 8 |
| 47 | 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. | 5.6 | 8 |
| 48 | Towards a one-stepEnterobacter sakazakiienrichment. Journal of Applied Microbiology, 2008, 105, 1091-1097. | 3.1 | 7 |
| 49 | Draft Genome Sequences of 15 Isolates of Listeria monocytogenes Serotype 1/2a, Subgroup ST204. Genome Announcements, 2016, 4, . | 0.8 | 7 |
| 50 | Listeria monocytogenes. Methods in Molecular Biology, 2014, , . | 0.9 | 6 |
| 51 | Differential Gene Expression of Three Gene Targets among Persistent and Nonpersistent Listeria monocytogenes Strains in the Presence or Absence of Benzethonium Chloride. Journal of Food Protection, 2015, 78, 1569-1573. | 1.7 | 6 |
| 52 | Characterization of Escherichia coli and Salmonella from Victoria, Australia, Dairy Farm Environments. Journal of Food Protection, 2017, 80, 2078-2082. | 1.7 | 6 |
| 53 | Effects of Helicobacter hepaticus on the proteome of HEp-2 cells. Antonie Van Leeuwenhoek, 2007, 92, 289-300. | 1.7 | 5 |
| 54 | Draft Genome Sequence of Enterobacter ludwigii NCR3, a Heavy Metalâ€“Resistant Rhizobacterium. Genome Announcements, 2016, 4, . | 0.8 | 5 |

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|---|---|---|---|
| 55 | Comparison of Listeria monocytogenes Isolates across the Island of Ireland. Journal of Food Protection, 2014, 77, 1402-1406. | 1.7 | 4 |
| 56 | Comparative Genomic Analysis of Two Serotype 1/2b Listeria monocytogenes Isolates from Analogous Environmental Niches Demonstrates the Influence of Hypervariable Hotspots in Defining Pathogenesis. Frontiers in Nutrition, 2016, 3, 54. | 3.7 | 4 |
| 57 | Draft Genome Sequence of Leifsonia sp. Strain NCR5, a Rhizobacterium Isolated from Cadmium-Contaminated Soil. Genome Announcements, 2017, 5, . | 0.8 | 4 |
| 58 | Editorial: Microbial Food Safety along the Dairy Chain. Frontiers in Microbiology, 2017, 8, 1612. | 3.5 | 4 |
| 59 | Pulsed-Field Gel Electrophoresis of Bacillus cereus Group Strains. Methods in Molecular Biology, 2015, 1301, 71-83. | 0.9 | 4 |
| 60 | Troubleshooting the environmental source of contamination with Listeria monocytogenes in a typical small food manufacturing plant in Ireland. , 2012, , 95-101. | | 3 |
| 61 | Complete Genome Sequence of Listeria monocytogenes Strain DPC6895, a Serotype 1/2b Isolate from Bovine Raw Milk. Genome Announcements, 2015, 3, . | 0.8 | 3 |
| 62 | The migration of acetochlor from feed to milk. RSC Advances, 2020, 10, 44344-44351. | 3.6 | 3 |
| 63 | Draft Genome Sequences of Listeria monocytogenes Serotype 4b Strains 944 and 2993 and Serotype 1/2c Strains 198 and 2932. Genome Announcements, 2016, 4, . | 0.8 | 2 |
| 64 | Antimicrobial Resistance in Listeria Species. , 2018, , 237-259. | | 2 |
| 65 | Draft Genome Sequence of Rhodococcus erythropolis NSX2, an Actinobacterium Isolated from a Cadmium-Contaminated Environment. Genome Announcements, 2016, 4, . | 0.8 | 1 |
| 66 | The Role of Genomics in Food Quality and Safety Management: Possibilities and Limitations. , 2021, , 127-137. | | 1 |
| 67 | Pulsed-Field Gel Electrophoresis for Listeria monocytogenes. Methods in Molecular Biology, 2015, 1301, 43-53. | 0.9 | 1 |
| 68 | High-Throughput Characterization of Listeria monocytogenes Using the OmniLog Phenotypic Microarray. Methods in Molecular Biology, 2021, 2220, 107-113. | 0.9 | 1 |
| 69 | Draft Genome Sequences of 15 Staphylococcus aureus Isolates Recovered from Raw Milk and Associated Milk Filters from Victoria, Australia. Genome Announcements, 2017, 5, . | 0.8 | 0 |
| 70 | Staphylococcus aureus â€“ Dairy. , 2020, , . | | 0 |
| 71 | Bi-State Conference 2016: event report. Microbiology Australia, 2017, 38, 36. | 0.4 | 0 |
| 72 | 52. <i>Listeria monocytogenes</i> in farmhouse cheese. , 0, , 793-806. | | 0 |

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|---|---|---|---|
| 73 | High-Throughput Screening of Biofilm Formation of Listeria monocytogenes on Stainless Steel Coupons Using a 96-Well Plate Format. Methods in Molecular Biology, 2021, 2220, 115-122. | 0.9 | 0 |