

# Narelle Fegan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

95  
papers

2,438  
citations

31  
h-index

45  
g-index

96  
ext. papers

2,842  
ext. citations

3.8  
avg, IF

5.08  
L-index

#	Paper	IF	Citations
95	Survival of Salmonella on Red Meat in Response to Dry Heat. <i>Journal of Food Protection</i> , <b>2021</b> , 84, 372-380	3.0	3
94	Survival of Salmonella Under Heat Stress is Associated with the Presence/Absence of CRISPR Cas Genes and Iron Levels. <i>Current Microbiology</i> , <b>2021</b> , 78, 1741-1751	2.4	1
93	Natural Anti-Microbials for Enhanced Microbial Safety and Shelf-Life of Processed Packaged Meat. <i>Foods</i> , <b>2021</b> , 10,	4.9	6
92	Applicability of Enterobacteriaceae and coliforms tests as indicators for Cronobacter in milk powder factory environments. <i>Food Microbiology</i> , <b>2021</b> , 94, 103642	6	2
91	Salmonella survival after exposure to heat in a model meat juice system. <i>Food Microbiology</i> , <b>2021</b> , 94, 103628	6	5
90	Comparison between cage and free-range egg production on microbial composition, diversity and the presence of Salmonella enterica. <i>Food Microbiology</i> , <b>2021</b> , 97, 103754	6	2
89	Effect of peracetic acid on Campylobacter in food matrices mimicking commercial poultry processing. <i>Food Control</i> , <b>2020</b> , 113, 107185	6.2	6
88	Effects of heat stress on animal physiology, metabolism, and meat quality: A review. <i>Meat Science</i> , <b>2020</b> , 162, 108025	6.4	81
87	Changes of the bacterial community diversity on chicken carcasses through an Australian poultry processing line. <i>Food Microbiology</i> , <b>2020</b> , 86, 103350	6	20
86	Impact of Poultry Processing Operating Parameters on Bacterial Transmission and Persistence on Chicken Carcasses and Their Shelf Life. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	4
85	Transcriptomic response of Escherichia coli O157 isolates on meat: Comparison between a typical Australian isolate from cattle and a pathogenic clinical isolate. <i>Food Microbiology</i> , <b>2019</b> , 82, 378-387	6	6
84	Salmonella response to physical interventions employed in red meat processing facilities. <i>Food Control</i> , <b>2019</b> , 103, 91-102	6.2	7
83	Comparative Genomics and Phenotypic Investigations Into Antibiotic, Heavy Metal, and Disinfectant Susceptibilities of Strains Isolated in Australia. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1620	5.7	5
82	Draft Genome Sequences of Four Antibiotic-Resistant Strains Isolated from Australian Red Meat Animal Species. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	3
81	Overexpressing ovotransferrin and avian Defensin-3 improves antimicrobial capacity of chickens and poultry products. <i>Transgenic Research</i> , <b>2019</b> , 28, 51-76	3.3	9
80	The role of meat in foodborne disease: Is there a coming revolution in risk assessment and management?. <i>Meat Science</i> , <b>2018</b> , 144, 22-29	6.4	23
79	Salmonella enterica subsp. salamae serovar Sofia, a prevalent serovar in Australian broiler chickens, is also capable of transient colonisation in layers. <i>British Poultry Science</i> , <b>2018</b> , 59, 270-277	1.9	2

78	Genomic and metabolic characterization of spoilage-associated <i>Pseudomonas</i> species. <i>International Journal of Food Microbiology</i> , <b>2018</b> , 268, 61-72	5.8	32
77	Vibrio ferrin production by the food spoilage bacterium <i>Pseudomonas fragi</i> . <i>FEMS Microbiology Letters</i> , <b>2018</b> , 365,	2.9	4
76	Characterisation of the <i>Brochothrix thermosphacta</i> sortase A enzyme. <i>FEMS Microbiology Letters</i> , <b>2018</b> , 365,	2.9	3
75	Insight into the Genome of <i>Brochothrix thermosphacta</i> , a Problematic Meat Spoilage Bacterium. <i>Applied and Environmental Microbiology</i> , <b>2017</b> , 83,	4.8	41
74	Characterization of <i>Escherichia coli</i> and <i>Salmonella</i> from Victoria, Australia, Dairy Farm Environments. <i>Journal of Food Protection</i> , <b>2017</b> , 80, 2078-2082	2.5	4
73	Analysis of the Population Structure among Isolates from 1931 to 2015 in Australia. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 603	5.7	25
72	Antimicrobial resistance status of <i>Enterococcus</i> from Australian cattle populations at slaughter. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177728	3.7	12
71	Characterization of <i>Staphylococcus aureus</i> isolates from raw milk sources in Victoria, Australia. <i>BMC Microbiology</i> , <b>2016</b> , 16, 169	4.5	43
70	National Survey of Shiga Toxin-Producing <i>Escherichia coli</i> Serotypes O26, O45, O103, O111, O121, O145, and O157 in Australian Beef Cattle Feces. <i>Journal of Food Protection</i> , <b>2016</b> , 79, 1868-1874	2.5	21
69	Attachment of <i>Salmonella</i> strains to a plant cell wall model is modulated by surface characteristics and not by specific carbohydrate interactions. <i>BMC Microbiology</i> , <b>2016</b> , 16, 212	4.5	4
68	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> , <b>2015</b> , 15, 38	4.5	21
67	Prevalence and Antimicrobial Resistance of <i>Salmonella</i> and <i>Escherichia coli</i> from Australian Cattle Populations at Slaughter. <i>Journal of Food Protection</i> , <b>2015</b> , 78, 912-20	2.5	40
66	Geographically distinct <i>Escherichia coli</i> O157 isolates differ by lineage, Shiga toxin genotype, and total shiga toxin production. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 579-86	9.7	30
65	<i>Salmonella</i> Typhimurium and <i>Salmonella</i> Sofia: Growth in and Persistence on Eggs under Production and Retail Conditions. <i>BioMed Research International</i> , <b>2015</b> , 2015, 914987	3	8
64	Characterization of Shiga Toxigenic <i>Escherichia coli</i> O157 and Non-O157 Isolates from Ruminant Feces in Malaysia. <i>BioMed Research International</i> , <b>2015</b> , 2015, 382403	3	8
63	Typing and Subtyping Methods for Pathogenic <i>Escherichia coli</i> . <i>SpringerBriefs in Food, Health and Nutrition</i> , <b>2015</b> , 67-99	0.4	1
62	Detection and Typing Strategies for Pathogenic <i>Escherichia coli</i> . <i>SpringerBriefs in Food, Health and Nutrition</i> , <b>2015</b> ,	0.4	2
61	Mapping the carriage of <i>flaA</i> -restriction fragment length polymorphism <i>Campylobacter</i> genotypes on poultry carcasses through the processing chain and comparison to clinical isolates. <i>Food Microbiology</i> , <b>2015</b> , 48, 116-22	6	8

60	Introduction to Pathogenic Escherichia coli. <i>SpringerBriefs in Food, Health and Nutrition</i> , <b>2015</b> , 1-38	0.4	0
59	Isolation and Detection of Pathogenic Escherichia coli in Foods. <i>SpringerBriefs in Food, Health and Nutrition</i> , <b>2015</b> , 39-65	0.4	
58	Prevalence and characterization of foodborne pathogens from Australian dairy farm environments. <i>Journal of Dairy Science</i> , <b>2014</b> , 97, 7402-12	4	54
57	Quantitative effects of in-line operations on Campylobacter and Escherichia coli through two Australian broiler processing plants. <i>International Journal of Food Microbiology</i> , <b>2014</b> , 188, 128-34	5.8	40
56	Role of capsular polysaccharides and lipooligosaccharides in Campylobacter surface properties, autoagglutination, and attachment to abiotic surfaces. <i>Foodborne Pathogens and Disease</i> , <b>2013</b> , 10, 506-13	3.8	7
55	Multilocus genotype analysis of Escherichia coli O157 isolates from Australia and the United States provides evidence of geographic divergence. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 5050-8	4.8	38
54	Pathogenic Escherichia coli and One Health implications. <i>Current Topics in Microbiology and Immunology</i> , <b>2013</b> , 366, 49-62	3.3	3
53	Prevalence and concentration of Arcobacter spp. on Australian Beef Carcasses. <i>Journal of Food Protection</i> , <b>2012</b> , 75, 1479-82	2.5	6
52	Review of the impact of pre-slaughter feed curfews of cattle, sheep and goats on food safety and carcass hygiene in Australia. <i>Food Control</i> , <b>2012</b> , 26, 313-321	6.2	31
51	A review of the ecology, colonization and genetic characterization of Salmonella enterica serovar Sofia, a prolific but avirulent poultry serovar in Australia. <i>Food Research International</i> , <b>2012</b> , 45, 770-779	7	11
50	A Genomic Island in Salmonella enterica ssp. salamae provides new insights on the genealogy of the locus of enterocyte effacement. <i>PLoS ONE</i> , <b>2012</b> , 7, e41615	3.7	10
49	Role of attachment to surfaces on the prevalence and survival of Campylobacter through food systems. <i>Journal of Food Protection</i> , <b>2012</b> , 75, 195-206	2.5	27
48	Pathogenic Escherichia coli and One Health Implications. <i>Current Topics in Microbiology and Immunology</i> , <b>2012</b> , 49-62	3.3	2
47	Quantification of acid-base interactions based on contact angle measurement allows XDLVO predictions to attachment of Campylobacter jejuni but not Salmonella. <i>Journal of Microbiological Methods</i> , <b>2011</b> , 86, 89-96	2.8	46
46	Significance of the rdar and bdar morphotypes in the hydrophobicity and attachment to abiotic surfaces of Salmonella Sofia and other poultry-associated Salmonella serovars. <i>Letters in Applied Microbiology</i> , <b>2011</b> , 53, 581-4	2.9	9
45	Stochasticity of bacterial attachment and its predictability by the extended derjaguin-landau-verwey-overbeek theory. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 3757-64	4.8	30
44	Stenotrophomonas and Lysobacter: ubiquitous plant-associated gamma-proteobacteria of developing significance in applied microbiology. <i>Journal of Applied Microbiology</i> , <b>2010</b> , 108, 756-770	4.7	112
43	Distribution, prevalence and persistence of Cronobacter (Enterobacter sakazakii) in the nonprocessing and processing environments of five milk powder factories. <i>Journal of Applied Microbiology</i> , <b>2010</b> , 109, 1044-52	4.7	56

42	Concentration and prevalence of Escherichia coli O157 and Salmonella serotypes in sheep during slaughter at two Australian abattoirs. <i>Australian Veterinary Journal</i> , <b>2010</b> , 88, 399-404	1.2	26
41	Relative prevalence of Salmonella Sofia on broiler chickens pre- and postprocessing in Australia. <i>Poultry Science</i> , <b>2010</b> , 89, 1544-8	3.9	18
40	The prevalence and concentration of Bacillus cereus in retail food products in Brisbane, Australia. <i>Foodborne Pathogens and Disease</i> , <b>2010</b> , 7, 867-70	3.8	20
39	The effects of transport and lairage on counts of Escherichia coli O157 in the feces and on the hides of individual cattle. <i>Foodborne Pathogens and Disease</i> , <b>2009</b> , 6, 1113-20	3.8	24
38	Potential role for the 4,12 antigen in the prevalence of clonal Salmonella serovars in poultry. <i>Applied and Environmental Microbiology</i> , <b>2009</b> , 75, 3377; author reply 3377-8	4.8	4
37	Attachment of different Salmonella serovars to materials commonly used in a poultry processing plant. <i>Food Microbiology</i> , <b>2009</b> , 26, 853-9	6	109
36	Integron-containing bacteria in faeces of cattle from different production systems at slaughter. <i>Journal of Applied Microbiology</i> , <b>2009</b> , 107, 540-5	4.7	20
35	Prevalence and serotypes of Salmonella associated with goats at two Australian abattoirs. <i>Letters in Applied Microbiology</i> , <b>2009</b> , 48, 193-7	2.9	36
34	Virulence properties of Escherichia coli isolated from Australian dairy powder factory environments. <i>International Dairy Journal</i> , <b>2009</b> , 19, 178-179	3.5	6
33	A comparison of antibiotic resistance integrons in cattle from separate beef meat production systems at slaughter. <i>Journal of Applied Microbiology</i> , <b>2008</b> , 104, 651-8	4.7	21
32	Effect of diet on the concentration of complex Shiga toxin-producing Escherichia coli and EHEC virulence genes in bovine faeces, hide and carcass. <i>International Journal of Food Microbiology</i> , <b>2008</b> , 121, 208-16	5.8	9
31	Expression and putative roles in attachment of outer membrane proteins of Escherichia coli O157 from planktonic and sessile culture. <i>Foodborne Pathogens and Disease</i> , <b>2008</b> , 5, 155-64	3.8	23
30	A survey of the microbiological quality of feral pig carcasses processed for human consumption in Queensland, Australia. <i>Foodborne Pathogens and Disease</i> , <b>2008</b> , 5, 105-9	3.8	7
29	International comparison of clinical, bovine, and environmental Escherichia coli O157 isolates on the basis of Shiga toxin-encoding bacteriophage insertion site genotypes. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 7447-50	4.8	19
28	Bacteriological profile of raw, frozen chicken nuggets. <i>Journal of Food Protection</i> , <b>2008</b> , 71, 613-5	2.5	22
27	Salmonella Sofia differs from other poultry-associated Salmonella serovars with respect to cell surface hydrophobicity. <i>Journal of Food Protection</i> , <b>2008</b> , 71, 2421-8	2.5	19
26	Attachment of Shiga toxigenic Escherichia coli to stainless steel. <i>International Journal of Food Microbiology</i> , <b>2007</b> , 115, 89-94	5.8	44
25	Managing safety and quality through the red meat chain. <i>Meat Science</i> , <b>2007</b> , 77, 28-35	6.4	20

24	A comparative study of biofilm formation by Shiga toxigenic <i>Escherichia coli</i> using epifluorescence microscopy on stainless steel and a microtitre plate method. <i>Journal of Microbiological Methods</i> , <b>2007</b> , 69, 44-51	2.8	32
23	<i>Escherichia coli</i> O157 somatic antigen is present in an isolate of <i>E. fergusonii</i> . <i>Current Microbiology</i> , <b>2006</b> , 52, 482-6	2.4	22
22	Emergence and spread of two distinct clonal groups of multidrug-resistant <i>Escherichia coli</i> in a veterinary teaching hospital in Australia. <i>Journal of Medical Microbiology</i> , <b>2006</b> , 55, 1125-1134	3.2	39
21	Attachment of shiga toxigenic <i>Escherichia coli</i> to beef muscle and adipose tissue. <i>Journal of Food Protection</i> , <b>2006</b> , 69, 999-1006	2.5	22
20	Physicochemical properties of Shiga toxigenic <i>Escherichia coli</i> . <i>Journal of Applied Microbiology</i> , <b>2005</b> , 99, 716-27	4.7	35
19	An investigation of <i>Escherichia coli</i> O157 contamination of cattle during slaughter at an abattoir. <i>Journal of Food Protection</i> , <b>2005</b> , 68, 451-7	2.5	48
18	A study of the prevalence and enumeration of <i>Salmonella enterica</i> in cattle and on carcasses during processing. <i>Journal of Food Protection</i> , <b>2005</b> , 68, 1147-53	2.5	35
17	The prevalence and concentration of <i>Escherichia coli</i> O157 in faeces of cattle from different production systems at slaughter. <i>Journal of Applied Microbiology</i> , <b>2004</b> , 97, 362-70	4.7	88
16	Quantification and prevalence of <i>Salmonella</i> in beef cattle presenting at slaughter. <i>Journal of Applied Microbiology</i> , <b>2004</b> , 97, 892-8	4.7	41
15	Isolation and characterisation of <i>Arcobacter butzleri</i> from meat. <i>International Journal of Food Microbiology</i> , <b>2004</b> , 91, 31-41	5.8	91
14	Enumeration of <i>Escherichia coli</i> O157 in cattle faeces using most probable number technique and automated immunomagnetic separation. <i>Letters in Applied Microbiology</i> , <b>2004</b> , 38, 56-9	2.9	51
13	Comparison between human and animal isolates of Shiga toxin-producing <i>Escherichia coli</i> O157 from Australia. <i>Epidemiology and Infection</i> , <b>2002</b> , 128, 357-62	4.3	21
12	Characterisation of a novel <i>Mannheimia</i> sp from Australian feedlot cattle. <i>Australian Veterinary Journal</i> , <b>2001</b> , 79, 634-9	1.2	17
11	Ancestral divergence, genome diversification, and phylogeographic variation in subpopulations of sorbitol-negative, beta-glucuronidase-negative enterohemorrhagic <i>Escherichia coli</i> O157. <i>Journal of Bacteriology</i> , <b>2001</b> , 183, 6885-97	3.5	77
10	The molecular epidemiology of four outbreaks of porcine pasteurellosis. <i>Veterinary Microbiology</i> , <b>2000</b> , 72, 111-20	3.3	36
9	A study of the use of multilocus enzyme electrophoresis as a typing tool in fowl cholera outbreaks. <i>Avian Pathology</i> , <b>1999</b> , 28, 195-8	2.4	7
8	Shiga toxin-producing <i>Escherichia coli</i> in sheep and pre-slaughter lambs in eastern Australia. <i>Letters in Applied Microbiology</i> , <b>1999</b> , 28, 335-9	2.9	42
7	Dynamics of Shiga toxin-producing <i>Escherichia coli</i> (STEC) in feedlot cattle. <i>Letters in Applied Microbiology</i> , <b>1999</b> , 29, 85-9	2.9	26

6	Use of pulse field gel electrophoresis for the epidemiological characterisation of coagulase positive Staphylococcus isolated from meat workers and beef carcasses. <i>International Journal of Food Microbiology</i> , <b>1999</b> , 48, 81-5	5.8	14
5	Population structure and diversity of avian isolates of Pasteurella multocida from Australia. <i>Microbiology (United Kingdom)</i> , <b>1998</b> , 144 ( Pt 2), 279-289	2.9	55
4	A PCR specific for Escherichia coli O157 based on the rfb locus encoding O157 lipopolysaccharide. <i>Journal of Clinical Microbiology</i> , <b>1998</b> , 36, 1801-4	9.7	101
3	An outbreak of haemorrhagic septicaemia associated with Pasteurella multocida subsp gallicida in large pig herd. <i>Australian Veterinary Journal</i> , <b>1996</b> , 73, 27-9	1.2	20
2	Phenotypic characterisation of Pasteurella multocida isolates from Australian poultry. <i>Veterinary Microbiology</i> , <b>1995</b> , 47, 281-6	3.3	57
1	Characterisation of Pasteurella multocida isolated from fowl cholera outbreaks on turkey farms. <i>Australian Veterinary Journal</i> , <b>1995</b> , 72, 135-8	1.2	40