

# Noel D Mccarthy

## List of Publications by Year in descending order

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103  
papers

7,014  
citations

70961

41  
h-index

60497

81  
g-index

109  
all docs

109  
docs citations

109  
times ranked

7725  
citing authors

#	ARTICLE	IF	CITATIONS
1	CD8+ T-cell responses to different HIV proteins have discordant associations with viral load. <i>Nature Medicine</i> , 2007, 13, 46-53.	15.2	910
2	MLST revisited: the gene-by-gene approach to bacterial genomics. <i>Nature Reviews Microbiology</i> , 2013, 11, 728-736.	13.6	590
3	<i>Campylobacter</i> Genotyping to Determine the Source of Human Infection. <i>Clinical Infectious Diseases</i> , 2009, 48, 1072-1078.	2.9	358
4	Olfactory detection of human bladder cancer by dogs: proof of principle study. <i>BMJ: British Medical Journal</i> , 2004, 329, 712.	2.4	318
5	An Outbreak of Rift Valley Fever in Northeastern Kenya, 1997-98. <i>Emerging Infectious Diseases</i> , 2002, 8, 138-144.	2.0	263
6	Convergence of <i>Campylobacter</i> Species: Implications for Bacterial Evolution. <i>Science</i> , 2008, 320, 237-239.	6.0	231
7	Distribution of Serogroups and Genotypes among Disease-Associated and Carried Isolates of <i>Neisseria meningitidis</i> from the Czech Republic, Greece, and Norway. <i>Journal of Clinical Microbiology</i> , 2004, 42, 5146-5153.	1.8	222
8	Assessment of <i>Mycobacterium tuberculosis</i> transmission in Oxfordshire, UK, 2007-12, with whole pathogen genome sequences: an observational study. <i>Lancet Respiratory Medicine</i> , 2014, 2, 285-292.	5.2	199
9	Genetic Analysis of Meningococci Carried by Children and Young Adults. <i>Journal of Infectious Diseases</i> , 2005, 191, 1263-1271.	1.9	178
10	<i>Campylobacter</i> genotypes from food animals, environmental sources and clinical disease in Scotland 2005/6. <i>International Journal of Food Microbiology</i> , 2009, 134, 96-103.	2.1	158
11	Indirect effects of childhood pneumococcal conjugate vaccination on invasive pneumococcal disease: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , 2017, 5, e51-e59.	2.9	144
12	Control of Human Immunodeficiency Virus Type 1 Is Associated with HLA-B*13 and Targeting of Multiple Gag-Specific CD8 + T-Cell Epitopes. <i>Journal of Virology</i> , 2007, 81, 3667-3672.	1.5	138
13	Host-associated Genetic Import in <i>Campylobacter jejuni</i> . <i>Emerging Infectious Diseases</i> , 2007, 13, 267-272.	2.0	134
14	Progressive genome-wide introgression in agricultural <i>Campylobacter coli</i> . <i>Molecular Ecology</i> , 2013, 22, 1051-1064.	2.0	128
15	Real-Time Genomic Epidemiological Evaluation of Human <i>Campylobacter</i> Isolates by Use of Whole-Genome Multilocus Sequence Typing. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2526-2534.	1.8	124
16	Host Association of <i>Campylobacter</i> Genotypes Transcends Geographic Variation. <i>Applied and Environmental Microbiology</i> , 2010, 76, 5269-5277.	1.4	116
17	Comparing interferon-gamma release assays with tuberculin skin test for identifying latent tuberculosis infection that progresses to active tuberculosis: systematic review and meta-analysis. <i>BMC Infectious Diseases</i> , 2017, 17, 200.	1.3	106
18	Niche segregation and genetic structure of <i>Campylobacter jejuni</i> populations from wild and agricultural host species. <i>Molecular Ecology</i> , 2011, 20, 3484-3490.	2.0	105

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19	Core Genome Multilocus Sequence Typing Scheme for Stable, Comparative Analyses of <i>Campylobacter jejuni</i> and <i>C. coli</i> Human Disease Isolates. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2086-2097.	1.8	105
20	Marked host specificity and lack of phylogeographic population structure of <i>Campylobacter jejuni</i> in wild birds. <i>Molecular Ecology</i> , 2013, 22, 1463-1472.	2.0	96
21	High frequency of rapid immunological progression in African infants infected in the era of perinatal HIV prophylaxis. <i>Aids</i> , 2007, 21, 1253-1261.	1.0	91
22	<i>Campylobacter</i> infection of broiler chickens in a free-range environment. <i>Environmental Microbiology</i> , 2008, 10, 2042-2050.	1.8	89
23	Genome-wide association of functional traits linked with <i>Campylobacter jejuni</i> survival from farm to fork. <i>Environmental Microbiology</i> , 2017, 19, 361-380.	1.8	88
24	Early virological suppression with three-class antiretroviral therapy in HIV-infected African infants. <i>Aids</i> , 2008, 22, 1333-1343.	1.0	83
25	A Longitudinal 6-Year Study of the Molecular Epidemiology of Clinical <i>Campylobacter</i> Isolates in Oxfordshire, United Kingdom. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3193-3201.	1.8	79
26	Evolution of an Agriculture-Associated Disease Causing <i>Campylobacter coli</i> Clade: Evidence from National Surveillance Data in Scotland. <i>PLoS ONE</i> , 2010, 5, e15708.	1.1	75
27	Cross-sectional survey of users of Internet depression communities. <i>BMC Psychiatry</i> , 2003, 3, 19.	1.1	73
28	Extended Sequence Typing of <i>Campylobacter</i> spp., United Kingdom. <i>Emerging Infectious Diseases</i> , 2008, 14, 1620-1622.	2.0	73
29	Multiplex tests to identify gastrointestinal bacteria, viruses and parasites in people with suspected infectious gastroenteritis: a systematic review and economic analysis. <i>Health Technology Assessment</i> , 2017, 21, 1-188.	1.3	72
30	Genetic Diversity and Carriage Dynamics of <i>Neisseria lactamica</i> in Infants. <i>Infection and Immunity</i> , 2005, 73, 2424-2432.	1.0	70
31	<i>Campylobacter</i> populations in wild and domesticated Mallard ducks ( <i>Anas platyrhynchos</i> ) in the United Kingdom. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1071-1078.	1.0	68
32	Dynamics of <i>Campylobacter</i> colonization of a natural host, <i>Sturnus vulgaris</i> (European Starling) in the United Kingdom. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1079-1086.	1.8	63
33	Association of a Bacteriophage with Meningococcal Disease in Young Adults. <i>PLoS ONE</i> , 2008, 3, e3885.	1.1	62
34	Wild bird-associated <i>Campylobacter jejuni</i> isolates are a consistent source of human disease, in Oxfordshire, United Kingdom. <i>Environmental Microbiology Reports</i> , 2015, 7, 782-788.	1.0	61
35	Widespread acquisition of antimicrobial resistance among <i>Campylobacter</i> isolates from UK retail poultry and evidence for clonal expansion of resistant lineages. <i>BMC Microbiology</i> , 2013, 13, 160.	1.3	57
36	How to conduct systematic reviews more expeditiously?. <i>Systematic Reviews</i> , 2015, 4, 160.	2.5	53

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37	A systematic review of source attribution of human campylobacteriosis using multilocus sequence typing. <i>Eurosurveillance</i> , 2019, 24, .	3.9	50
38	An outbreak of norovirus infection linked to oyster consumption at a UK restaurant, February 2010. <i>Journal of Public Health</i> , 2011, 33, 205-211.	1.0	49
39	Introgression in the genus <i>Campylobacter</i> : generation and spread of mosaic alleles. <i>Microbiology (United Kingdom)</i> , 2011, 157, 1066-1074.	0.7	47
40	Outbreaks of Shiga Toxin-Producing <i>Escherichia coli</i> Linked to Sprouted Seeds, Salad, and Leafy Greens: A Systematic Review. <i>Journal of Food Protection</i> , 2019, 82, 1950-1958.	0.8	46
41	MLST clustering of <i>Campylobacter jejuni</i> isolates from patients with gastroenteritis, reactive arthritis and Guillain-Barré syndrome. <i>Journal of Applied Microbiology</i> , 2010, 108, 591-599.	1.4	45
42	Changes in Serogroup and Genotype Prevalence Among Carried Meningococci in the United Kingdom During Vaccine Implementation. <i>Journal of Infectious Diseases</i> , 2011, 204, 1046-1053.	1.9	44
43	Partial Failure of Milk Pasteurization as a Risk for the Transmission of <i>Campylobacter</i> From Cattle to Humans. <i>Clinical Infectious Diseases</i> , 2015, 61, 903-909.	2.9	41
44	Molecular epidemiology of human <i>Campylobacter jejuni</i> shows association between seasonal and international patterns of disease. <i>Epidemiology and Infection</i> , 2012, 140, 2247-2255.	1.0	38
45	Local genes for local bacteria: Evidence of allopatry in the genomes of transatlantic <i>Campylobacter</i> populations. <i>Molecular Ecology</i> , 2017, 26, 4497-4508.	2.0	36
46	Demographic risk factors for classical and atypical scrapie in Great Britain. <i>Journal of General Virology</i> , 2007, 88, 3486-3492.	1.3	35
47	Genomic Epidemiology Analysis of Infectious Disease Outbreaks Using TransPhylo. <i>Current Protocols</i> , 2021, 1, e60.	1.3	34
48	Genetic Diversity of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> Isolates from Conventional Broiler Flocks and the Impacts of Sampling Strategy and Laboratory Method. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2347-2355.	1.4	33
49	Comparison of <i>Campylobacter</i> populations isolated from a free-range broiler flock before and after slaughter. <i>International Journal of Food Microbiology</i> , 2010, 137, 259-264.	2.1	32
50	<i>Campylobacter</i> genotypes from poultry transportation crates indicate a source of contamination and transmission. <i>Journal of Applied Microbiology</i> , 2011, 110, 266-276.	1.4	30
51	Factors Associated with Sequelae of <i>Campylobacter</i> and Non-typhoidal <i>Salmonella</i> Infections: A Systematic Review. <i>EBioMedicine</i> , 2017, 15, 100-111.	2.7	30
52	Pneumococcal Disease: A Systematic Review of Health Utilities, Resource Use, Costs, and Economic Evaluations of Interventions. <i>Value in Health</i> , 2019, 22, 1329-1344.	0.1	30
53	Agreement between gastrointestinal panel testing and standard microbiology methods for detecting pathogens in suspected infectious gastroenteritis: Test evaluation and meta-analysis in the absence of a reference standard. <i>PLoS ONE</i> , 2017, 12, e0173196.	1.1	30
54	A large foodborne outbreak of norovirus in diners at a restaurant in England between January and February 2009. <i>Epidemiology and Infection</i> , 2012, 140, 1695-1701.	1.0	28

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55	Factors affecting delay in initiation of treatment of tuberculosis in the Thames Valley, UK. <i>Public Health</i> , 2013, 127, 171-177.	1.4	25
56	Comparative efficacy of drugs for treating giardiasis: a systematic update of the literature and network meta-analysis of randomized clinical trials. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 596-606.	1.3	25
57	The burden and impact of measles among the Gypsy-Traveller communities, Thames Valley, 2006-09. <i>Journal of Public Health</i> , 2013, 35, 27-31.	1.0	24
58	The long-term dynamics of <i>Campylobacter</i> colonizing a free-range broiler breeder flock: an observational study. <i>Environmental Microbiology</i> , 2015, 17, 938-946.	1.8	24
59	Passive Sexual Transmission of Human Immunodeficiency Virus Type 1 Variants and Adaptation in New Hosts. <i>Journal of Virology</i> , 2006, 80, 7226-7234.	1.5	23
60	Community-onset sepsis and its public health burden: a systematic review. <i>Systematic Reviews</i> , 2016, 5, 81.	2.5	23
61	UK hantavirus, renal failure, and pet rats. <i>Lancet</i> , 2013, 381, 1070.	6.3	21
62	Recurrent seasonal outbreak of an emerging serotype of Shiga toxin-producing <i>Escherichia coli</i> (STEC) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.9	21
63	The Prevalence of <i>Campylobacter</i> amongst a Free-Range Broiler Breeder Flock Was Primarily Affected by Flock Age. <i>PLoS ONE</i> , 2011, 6, e22825.	1.1	20
64	Approaches to the detection of very small, common, and easily missed outbreaks that together contribute substantially to human <i>Cryptosporidium</i> infection. <i>Epidemiology and Infection</i> , 2014, 142, 1869-1876.	1.0	20
65	Comparison of statistical algorithms for daily syndromic surveillance aberration detection. <i>Bioinformatics</i> , 2019, 35, 3110-3118.	1.8	20
66	Multilocus Sequence Typing Directly on DNA from Clinical Samples and a Cultured Isolate To Investigate Linked Fatal Pneumococcal Disease in Residents of a Shelter for Homeless Men. <i>Journal of Clinical Microbiology</i> , 2005, 43, 2004-2008.	1.8	18
67	Duck Liver-associated Outbreak of <i>Campylobacteriosis</i> among Humans, United Kingdom, 2011. <i>Emerging Infectious Diseases</i> , 2013, 19, 1310-1313.	2.0	18
68	Integration of Genomic and Other Epidemiologic Data to Investigate and Control a Cross-Institutional Outbreak of <i>Streptococcus pyogenes</i> . <i>Emerging Infectious Diseases</i> , 2016, 22, 973-980.	2.0	18
69	Association between vitamin D supplementation or serum vitamin D level and susceptibility to SARS-CoV-2 infection or COVID-19 including clinical course, morbidity and mortality outcomes? A systematic review. <i>BMJ Open</i> , 2021, 11, e043737.	0.8	18
70	Effectiveness Analyses May Underestimate Protection of Infants after Group C Meningococcal Immunization. <i>Journal of Infectious Diseases</i> , 2006, 194, 231-237.	1.9	17
71	Vaccination of chemotherapy patients' effect of guideline implementation. <i>Supportive Care in Cancer</i> , 2016, 24, 2317-2321.	1.0	17
72	A seroprevalence study to determine the frequency of hantavirus infection in people exposed to wild and pet fancy rats in England. <i>Epidemiology and Infection</i> , 2017, 145, 2458-2465.	1.0	17

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73	Opa Protein Repertoires of Disease-Causing and Carried Meningococci. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3033-3041.	1.8	15
74	Incidence, risk factors, and health service burden of sequelae of campylobacter and non-typhoidal salmonella infections in England, 2000–2015: A retrospective cohort study using linked electronic health records. <i>Journal of Infection</i> , 2020, 81, 221-230.	1.7	14
75	The “Case-Chaos Study” as an Adjunct or Alternative to Conventional Case-Control Study Methodology. <i>American Journal of Epidemiology</i> , 2012, 176, 497-505.	1.6	13
76	Bacterial Load and Molecular Markers Associated With Early-onset Group B Streptococcus. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, e306-e314.	1.1	11
77	The impact of childhood pneumococcal vaccination on hospital admissions in England: a whole population observational study. <i>BMC Infectious Diseases</i> , 2019, 19, 510.	1.3	11
78	Community-onset sepsis and its public health burden: protocol of a systematic review. <i>Systematic Reviews</i> , 2015, 4, 119.	2.5	10
79	Contrasting factors associated with COVID-19-related ICU admission and death outcomes in hospitalised patients by means of Shapley values. <i>PLoS Computational Biology</i> , 2021, 17, e1009121.	1.5	10
80	Resource Allocation during an Influenza Pandemic. <i>Emerging Infectious Diseases</i> , 2008, 14, 520-522.	2.0	9
81	Transmission and control in an institutional pandemic influenza A(H1N1) 2009 outbreak. <i>Epidemiology and Infection</i> , 2012, 140, 1102-1110.	1.0	9
82	Molecular Epidemiology of Campylobacter Species. , 2014, , 191-211.		9
83	Pertussis vaccination for healthcare workers: staff attitudes and perceptions associated with high coverage vaccination programmes in England. <i>Public Health</i> , 2016, 137, 196-199.	1.4	9
84	Outbreak of waterborne cryptosporidiosis associated with low oocyst concentrations. <i>Epidemiology and Infection</i> , 2007, 135, 1159-1164.	1.0	8
85	Primary Peritonitis Due to Nonenteric Salmonellae. <i>Clinical Infectious Diseases</i> , 1999, 29, 211-212.	2.9	7
86	Invasive meningococcal disease: Completeness and timeliness of reporting of confirmed cases in Thames Valley, 2006–2007. <i>Public Health</i> , 2009, 123, 805-808.	1.4	7
87	An epidemiological view of microbial genomic data. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 104-105.	4.6	5
88	Novel application of the matched case–control design to compare food supply chains during an Escherichia coli O157 outbreak, United Kingdom, 2016. <i>Eurosurveillance</i> , 2018, 23, .	3.9	5
89	Two centuries of immunisation in the UK (part II). <i>Archives of Disease in Childhood</i> , 2020, 105, 216-222.	1.0	5
90	Cost-effectiveness of testing for latent tuberculosis infection in people with HIV. <i>Aids</i> , 2022, 36, 1-9.	1.0	4

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91	Evaluating multi-purpose syndromic surveillance systems – a complex problem. Online Journal of Public Health Informatics, 2021, 13, E15.	0.4	4
92	Three Authors Rreply. American Journal of Epidemiology, 2013, 177, 1022-1022.	1.6	3
93	The Authors Reply. American Journal of Epidemiology, 2014, 179, 262-263.	1.6	3
94	Extensively drug-resistant tuberculosis case in the Thames Valley, UK and public health interventions. Journal of Infection and Public Health, 2011, 4, 207-210.	1.9	2
95	Variation in incidence and notification of Campylobacter and Salmonella by general practice in the Thames Valley area. Public Health, 2015, 129, 258-265.	1.4	2
96	Integration of Genomic and Other Epidemiologic Data to Investigate and Control a Cross-Institutional Outbreak of <i>Streptococcus pyogenes</i> . Emerging Infectious Diseases, 2016, 22, 973-980.	2.0	2
97	A world free from polio?. Lancet, The, 1997, 349, 956.	6.3	1
98	Self-reported adverse events in adolescents aged 13–18 years after mass vaccination with pertussis-containing vaccine, following a school outbreak. Public Health, 2013, 127, 1133-1136.	1.4	1
99	A quantitative review of healthcare professionals' questions to a local immunization advice service: 4299 enquiries from 3 years. Journal of Public Health, 2016, 38, 578-584.	1.0	1
100	Resource Allocation during an Influenza Pandemic. Emerging Infectious Diseases, 2008, 14, 1676b-1677.	2.0	1
101	McCarthy et al. Respond to "Evaluating Case-Chaos for Outbreaks Investigations". American Journal of Epidemiology, 2014, 180, 412-413.	1.6	0
102	Campylobacter. , 2017, , 127-143.		0
103	Taste and Safety: Is the Exceptional Cuisine Offered by High End Restaurants Paralleled by High Standards of Food Safety?. PLOS Currents, 2016, 8, .	1.4	0