Martin Cormican

List of Publications by Year
in descending order

193 papers	7,599 citations	61984 43 h-index	64796 79 g-index
198 all docs	198 docs citations	198 times ranked	10509 citing authors

#	Article	IF	Citations
1	Clinical epidemiology of the global expansion of Klebsiella pneumoniae carbapenemases. Lancet Infectious Diseases, The, 2013, 13, 785-796.	9.1	1,328
2	Epidemic multiple drug resistant Salmonella Typhimurium causing invasive disease in sub-Saharan Africa have a distinct genotype. Genome Research, 2009, 19, 2279-2287.	5.5	504
3	Silver nanoparticles in the environment: Sources, detection and ecotoxicology. Science of the Total Environment, 2017, 575, 231-246.	8.0	412
4	Enumeration and Characterization of Antimicrobial-Resistant Escherichia coli Bacteria in Effluent from Municipal, Hospital, and Secondary Treatment Facility Sources. Applied and Environmental Microbiology, 2010, 76, 4772-4779.	3.1	185
5	Commonly Used Disinfectants Fail To Eradicate Salmonella enterica Biofilms from Food Contact Surface Materials. Applied and Environmental Microbiology, 2014, 80, 1507-1514.	3.1	161
6	Spectrum of enteropathogens detected by the FilmArray GI Panel in a multicentre study of community-acquired gastroenteritis. Clinical Microbiology and Infection, 2015, 21, 719-728.	6.0	159
7	Occurrence of Campylobacter in retail foods in Ireland. International Journal of Food Microbiology, 2004, 95, 111-118.	4.7	150
8	Antimicrobial drug resistance in isolates of Salmonella enterica from cases of salmonellosis in humans in Europe in 2000: results of international multi-centre surveillance. Eurosurveillance, 2003, 8, 41-45.	7.0	118
9	Linezolid Compared with Eperezolid, Vancomycin, and Gentamicin in an In Vitro Model of Antimicrobial Lock Therapy for Staphylococcus epidermidis Central Venous Catheter-Related Biofilm Infections. Antimicrobial Agents and Chemotherapy, 2003, 47, 3145-3148.	3.2	103
10	Evaluation of Methods for Detection of Toxins in Specimens of Feces Submitted for Diagnosis of Clostridium difficile - Associated Diarrhea. Journal of Clinical Microbiology, 2001, 39, 2846-2849.	3.9	101
11	Public practice regarding disposal of unused medicines in Ireland. Science of the Total Environment, 2014, 478, 98-102.	8.0	100
12	Neutral Genomic Microevolution of a Recently Emerged Pathogen, Salmonella enterica Serovar Agona. PLoS Genetics, 2013, 9, e1003471.	3.5	94
13	Opt-out as an acceptable method of obtaining consent in medical research: a short report. BMC Medical Research Methodology, 2011, 11, 40.	3.1	93
14	Antimicrobial Drug Resistance in Human Nontyphoidal Salmonella Isolates in Europe 2000â€“2004: A Report from the Enter-net International Surveillance Network. Microbial Drug Resistance, 2008, 14, 31-35.	2.0	92
15	Evaluation of Culture Methods and a DNA Probe-Based PCR Assay for Detection of Campylobacter Species in Clinical Specimens of Feces. Journal of Clinical Microbiology, 2003, 41, 2980-2986.	3.9	84
16	South Asia as a Reservoir for the Global Spread of Ciprofloxacin-Resistant Shigella sonnei: A Cross-Sectional Study. PLoS Medicine, 2016, 13, e1002055.	8.4	84
17	Hospital effluent: A reservoir for carbapenemase-producing Enterobacterales?. Science of the Total Environment, 2019, 672, 618-624.	8.0	83
18	A qualitative study of factors influencing antimicrobial prescribing by non-consultant hospital doctors. Journal of Antimicrobial Chemotherapy, 2006, 58, 840-843.	3.0	78

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19	Investigation of critical inter-related factors affecting the efficacy of pulsed light for inactivating clinically relevant bacterial pathogens. Journal of Applied Microbiology, 2010, 108, 1494-1508.	3.1	76
20	Genomic Characterization of Listeria monocytogenes Isolates Associated with Clinical Listeriosis and the Food Production Environment in Ireland. Genes, 2018, 9, 171.	2.4	73
21	Antimicrobial Resistance and Genetic Diversity of Shigella sonnei Isolates from Western Ireland, an Area of Low Incidence of Infection. Journal of Clinical Microbiology, 2003, 41, 1919-1924.	3.9	70
22	Discordant bioinformatic predictions of antimicrobial resistance from whole-genome sequencing data of bacterial isolates: an inter-laboratory study. Microbial Genomics, 2020, 6, .	2.0	69
23	Development of a pathogen transport model for Irish catchments using SWAT. Agricultural Water Management, 2010, 97, 101-111.	5.6	67
24	Antimicrobial Residues and Antimicrobial-Resistant Bacteria: Impact on the Microbial Environment and Risk to Human Healthâ€"A Review. Human and Ecological Risk Assessment (HERA), 2012, 18, 767-809.	3.4	67
25	Emergence of Multidrug-Resistant Salmonella Concord Infections in Europe and the United States in Children Adopted From Ethiopia, 2003â€"2007. Pediatric Infectious Disease Journal, 2009, 28, 814-818.	2.0	62
26	Retrospective validation of whole genome sequencing-enhanced surveillance of listeriosis in Europe, 2010 to 2015. Eurosurveillance, 2018, 23, .	7.0	61
27	Nutrient, metal and microbial loss in surface runoff following treated sludge and dairy cattle slurry application to an Irish grassland soil. Science of the Total Environment, 2016, 541, 218-229.	8.0	59
28	Intervention to improve the quality of antimicrobial prescribing for urinary tract infection: a cluster randomized trial. Cmaj, 2016, 188, 108-115.	2.0	57
29	Prevalence, numbers and characteristics of Salmonella spp. on Irish retail pork. International Journal of Food Microbiology, 2009, 131, 233-239.	4.7	56
30	Colonisation with ESBL-producing and carbapenemase-producing Enterobacteriaceae, vancomycin-resistant enterococci, and meticillin-resistant Staphylococcus aureus in a long-term care facility over one year. BMC Infectious Diseases, 2015, 15, 168.	2.9	54
31	Adverse events of fluoroquinolones vs. other antimicrobials prescribed in primary care: A systematic review and meta-analysis of randomized controlled trials. International Journal of Antimicrobial Agents, 2018, 52, 529-540.	2.5	54
32	Epidemiology of Ebola virus disease transmission among health care workers in Sierra Leone, May to December 2014: a retrospective descriptive study. BMC Infectious Diseases, 2015, 15, 416.	2.9	53
33	A multi-country outbreak of Salmonella Newport gastroenteritis in Europe associated with watermelon from Brazil, confirmed by whole genome sequencing: October 2011 to January 2012. Eurosurveillance, 2014, 19, 6-13.	7.0	53
34	Modeling of Pathogen Indicator Organisms in a Small-Scale Agricultural Catchment Using SWAT. Human and Ecological Risk Assessment (HERA), 2013, 19, 232-253.	3.4	52
35	Production of KPC-2 Carbapenemase by an Escherichia coli Clinical Isolate Belonging to the International ST131 Clone. Antimicrobial Agents and Chemotherapy, 2011, 55, 4935-4936.	3.2	51
36	Development of a rapid recombinase polymerase amplification assay for the detection of Streptococcus pneumoniae in whole blood. BMC Infectious Diseases, 2015, 15, 481.	2.9	51

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37	Antimicrobial compounds (triclosan and triclocarban) in sewage sludges, and their presence in runoff following land application. Ecotoxicology and Environmental Safety, 2017, 142, 448-453.	6.0	51
38	Trends in antimicrobial drug resistance in Salmonella enterica serotypes Typhi and Paratyphi A isolated in Europe, 1999â€“2001. International Journal of Antimicrobial Agents, 2003, 22, 487-491.	2.5	50
39	Characterization of bacteriophages used in the Salmonella enterica serovar Enteritidis phage-typing scheme. Journal of Medical Microbiology, 2009, 58, 86-93.	1.8	50
40	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
41	Investigations of the relationship between use of in vitro cell culture-quantitative PCR and a mouse-based bioassay for evaluating critical factors affecting the disinfection performance of pulsed UV light for treating Cryptosporidium parvum oocysts in saline. Journal of Microbiological Methods, 2010, 80, 267-273.	1.6	47
42	Multicenter Study of Cronobacter sakazakii Infections in Humans, Europe, 2017. Emerging Infectious Diseases, 2019, 25, 515-522.	4.3	47
43	Quantification of ALS1 gene expression in Candida albicans biofilms by RT-PCR using hybridisation probes on the LightCyclerâ„¢. Molecular and Cellular Probes, 2005, 19, 153-162.	2.1	46
44	Quantitative risk assessment of Cryptosporidium in tap water in Ireland. Science of the Total Environment, 2010, 408, 740-753.	8.0	45
45	Using qualitative insights to change practice: exploring the culture of antibiotic prescribing and consumption for urinary tract infections. BMJ Open, 2016, 6, e008894.	1.9	45
46	Trimethoprim and ciprofloxacin resistance and prescribing in urinary tract infection associated with Escherichia coli: a multilevel model. Journal of Antimicrobial Chemotherapy, 2012, 67, 2523-2530.	3.0	44
47	Molecular Characterization of Irish Salmonella enterica Serotype Typhimurium: Detection of Class I Integrons and Assessment of Genetic Relationships by DNA Amplification Fingerprinting. Applied and Environmental Microbiology, 2000, 66, 614-619.	3.1	43
48	Antimicrobial resistant Escherichia coli in the municipal wastewater system: Effect of hospital effluent and environmental fate. Science of the Total Environment, 2014, 468-469, 1078-1085.	8.0	43
49	Genomic diversity of Salmonella enterica -The UoWUCC 10K genomes project. Wellcome Open Research, 2020, 5, 223.	1.8	43
50	Indistinguishable NDM-producing Escherichia coli isolated from recreational waters, sewage, and a clinical specimen in Ireland, 2016 to 2017. Eurosurveillance, 2017, 22, .	7.0	43
51	Microbial Exposure Assessment of Waterborne Pathogens. Human and Ecological Risk Assessment (HERA), 2007, 13, 1313-1351.	3.4	42
52	Dissecting the molecular evolution of fluoroquinolone-resistant Shigella sonnei. Nature Communications, 2019, 10, 4828.	12.8	41
53	Restoring the selectivity of Bolton broth during enrichment for Campylobacter spp. from raw chicken. Letters in Applied Microbiology, 2011, 52, 614-618.	2.2	39
54	An Irish outbreak of New Delhi metallo-Î²-lactamase (NDM)-1 carbapenemase-producing Enterobacteriaceae: increasing but unrecognized prevalence. Journal of Hospital Infection, 2016, 94, 351-357.	2.9	38

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55	Genomic diversity of Salmonella enterica -The UoWUCC 10K genomes project. Wellcome Open Research, 2020, 5, 223.	1.8	38
56	Extended spectrum beta-lactamase production and fluorquinolone resistance in pathogens associated with community acquired urinary tract infection. Diagnostic Microbiology and Infectious Disease, 1998, 32, 317-319.	1.8	37
57	A multilevel analysis of trimethoprim and ciprofloxacin prescribing and resistance of uropathogenic Escherichia coli in general practice. Journal of Antimicrobial Chemotherapy, 2010, 65, 1514-1520.	3.0	36
58	Genomic surveillance of Escherichia coli ST131 identifies local expansion and serial replacement of subclones. Microbial Genomics, 2020, 6, .	2.0	33
59	Prevalence and numbers ofSalmonellaspp. and Enterobacteriaceae on pork cuts in abattoirs in the Republic of Ireland. Journal of Applied Microbiology, 2008, 105, 1209-1219.	3.1	32
60	Detection of OXA-48 Carbapenemase in the Pandemic Clone Escherichia coli O25b:H4-ST131 in the Course of Investigation of an Outbreak of OXA-48-Producing Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2012, 56, 4030-4031.	3.2	32
61	Inter-hospital outbreak of Klebsiella pneumoniae producing KPC-2 carbapenemase in Ireland. Journal of Antimicrobial Chemotherapy, 2012, 67, 2367-2372.	3.0	32
62	Transmission of methicillin-resistant Staphylococcus aureus in long-term care facilities and their related healthcare networks. Genome Medicine, 2016, 8, 102.	8.2	30
63	Antimicrobial management and appropriateness of treatment of urinary tract infection in general practice in Ireland. BMC Family Practice, 2011, 12, 108.	2.9	29
64	Use of palivizumab and infection control measures to control an outbreak of respiratory syncytial virus in a neonatal intensive care unit confirmed by real-time polymerase chain reaction. Journal of Hospital Infection, 2011, 77, 338-342.	2.9	28
65	Application of multiple locus variable number of tandem repeat analysis (MLVA), phage typing and antimicrobial susceptibility testing to subtype Salmonella enterica serovar Typhimurium isolated from pig farms, pork slaughterhouses and meat producing plants in Ireland. Food Microbiology, 2011, 28, 1087-1094.	4.2	28
66	Ciprofloxacin-ResistantShigella sonneiAssociated with Travel to India. Emerging Infectious Diseases, 2015, 21, 894-896.	4.3	28
67	Enterococcus faecium of the vanA Genotype in Rural Drinking Water, Effluent, and the Aqueous Environment. Applied and Environmental Microbiology, 2012, 78, 596-598.	3.1	27
68	Increasing prevalence of ESBL production among Irish clinical Enterobacteriaceae from 2004 to 2008: an observational study. BMC Infectious Diseases, 2012, 12, 116.	2.9	27
69	The effect of conventional wastewater treatment on the levels of antimicrobial-resistant bacteria in effluent: a meta-analysis of current studies. Environmental Geochemistry and Health, 2012, 34, 749-762.	3.4	26
70	The effect of hospital effluent on antimicrobial resistant E. coli within a municipal wastewater system. Environmental Sciences: Processes and Impacts, 2013, 15, 617.	3.5	26
71	A Point Prevalence Survey of Antibiotic Resistance in the Irish Environment, 2018â€“2019. Environment International, 2021, 152, 106466.	10.0	26
72	Cross-border spread of blaNDM-1- and blaOXA-48-positive Klebsiella pneumoniae: a European collaborative analysis of whole genome sequencing and epidemiological data, 2014 to 2019. Eurosurveillance, 2020, 25, .	7.0	26

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73	Soft Tissue Infection with Absidia corymbifera in a Patient with Idiopathic Aplastic Anemia. Journal of Clinical Microbiology, 2002, 40, 725-727.	3.9	25
74	First Report of Extended-Spectrum-Î²-Lactamase-Producing Salmonella enterica Serovar Kentucky Isolated from Poultry in Ireland. Antimicrobial Agents and Chemotherapy, 2010, 54, 551-553.	3.2	25
75	Detection of OXA-48-like-producing Enterobacterales in Irish recreational water. Science of the Total Environment, 2019, 690, 1-6.	8.0	25
76	Salmonella enterica serovar Agona European outbreak associated with a food company. Epidemiology and Infection, 2011, 139, 1272-1280.	2.1	24
77	Interpreting asymptomatic bacteriuria. BMJ: British Medical Journal, 2011, 343, d4780-d4780.	2.3	24
78	Evaluation of an Internally Controlled Multiplex Tth Endonuclease Cleavage Loop-Mediated Isothermal Amplification (TEC-LAMP) Assay for the Detection of Bacterial Meningitis Pathogens. International Journal of Molecular Sciences, 2018, 19, 524.	4.1	24
79	International outbreak investigation of Salmonella Heidelberg associated with in-flight catering. Epidemiology and Infection, 2014, 142, 833-842.	2.1	23
80	Comparison of phenotypic and genotypic characteristics of Salmonella bredeney associated with a poultry-related outbreak of gastroenteritis in Northern Ireland. Journal of Infection, 2003, 47, 33-39.	3.3	22
81	Prevalence of Salmonella in pig ear pet treats. Food Research International, 2011, 44, 193-197.	6.2	22
82	The cost and cost-effectiveness of opportunistic screening forChlamydia trachomatisin Ireland. Sexually Transmitted Infections, 2012, 88, 222-228.	1.9	22
83	Whole genome sequencing provides insights into the genetic determinants of invasiveness inSalmonellaDublin. Epidemiology and Infection, 2016, 144, 2430-2439.	2.1	22
84	Economic Assessment of Waterborne Outbreak of Cryptosporidiosis. Emerging Infectious Diseases, 2017, 23, 1650-1656.	4.3	22
85	Prevalence of Gastrointestinal Bacterial Pathogens in a Population of Zoo Animals. Zoonoses and Public Health, 2008, 55, 166-172.	2.2	21
86	Whole genome sequencing provides an unambiguous link between Salmonella Dublin outbreak strain and a historical isolate. Epidemiology and Infection, 2016, 144, 576-581.	2.1	21
87	Detection, fate and inactivation of pathogenic norovirus employing settlement and UV treatment in wastewater treatment facilities. Science of the Total Environment, 2016, 568, 1026-1036.	8.0	21
88	Antimicrobial resistance inE. Coli associated with urinary tract infection in the West of Ireland. Irish Journal of Medical Science, 2005, 174, 6-9.	1.5	20
89	Clonal Expansion May Account for High Levels of Quinolone Resistance in Salmonella enterica Serovar Enteritidis. Applied and Environmental Microbiology, 2005, 71, 2587-2591.	3.1	20
90	Antimicrobial resistance in Escherichia coli isolates from turkeys and hens in Ireland. Journal of Antimicrobial Chemotherapy, 2001, 48, 587-588.	3.0	19

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91	First Report of Extended-Spectrum-ÃŸ-Lactamase-Producing Salmonella enterica Isolates in Ireland. Antimicrobial Agents and Chemotherapy, 2006, 50, 1608-1609.	3.2	19
92	Exploratory Spatial Mapping of the Occurrence of Antimicrobial Resistance in E. coli in the Community. Antibiotics, 2013, 2, 328-338.	3.7	19
93	Reconsultation and Antimicrobial Treatment of Urinary Tract Infection in Male and Female Patients in General Practice. Antibiotics, 2016, 5, 31.	3.7	19
94	Salmonella enterica Serotype Bredeney: Antimicrobial Susceptibility and Molecular Diversity of Isolates from Ireland and Northern Ireland. Applied and Environmental Microbiology, 2002, 68, 181-186.	3.1	18
95	Analysis of the soil and water assessment tool (SWAT) to model Cryptosporidium in surface water sources. Biosystems Engineering, 2010, 106, 303-314.	4.3	18
96	Predictive value of antimicrobial susceptibility from previous urinary tract infection in the treatment of re-infection. British Journal of General Practice, 2010, 60, 511-513.	1.4	17
97	Duplex recombinase polymerase amplification assays incorporating competitive internal controls for bacterial meningitis detection. Analytical Biochemistry, 2018, 546, 10-16.	2.4	17
98	Antimicrobial prescribing and infections in long-term care facilities (LTCF): a multilevel analysis of the HALT 2016 study, Ireland, 2017. Eurosurveillance, 2018, 23, .	7.0	17
99	Detection and diagnosis of mycobacterial pathogens using PCR. Expert Review of Molecular Diagnostics, 2001, 1, 163-174.	3.1	16
100	Existing classes of antibiotics are probably the best we will ever have. BMJ, The, 2012, 344, e3369-e3369.	6.0	16
101	Dissemination of clonally related multidrug-resistantKlebsiella pneumoniaein Ireland. Epidemiology and Infection, 2016, 144, 443-448.	2.1	16
102	An MLST approach to support tracking of plasmids carrying OXA-48-like carbapenemase. Journal of Antimicrobial Chemotherapy, 2019, 74, 1856-1862.	3.0	16
103	Comparison of BACTEC MGIT 960 and BACTEC 460 for culture of Mycobacteria. Diagnostic Microbiology and Infectious Disease, 2000, 38, 123-126.	1.8	15
104	Extended-Spectrum Î²-Lactamases in Ireland, Including a Novel Enzyme, TEM-102. Antimicrobial Agents and Chemotherapy, 2003, 47, 2572-2578.	3.2	15
105	Interpreting streptomycin susceptibility test results for Salmonella enterica serovar Typhimurium. International Journal of Antimicrobial Agents, 2006, 27, 538-540.	2.5	15
106	CTX-M enzymes are the predominant extended-spectrum Î²-lactamases produced by Enterobacteriaceae in Ireland. Journal of Antimicrobial Chemotherapy, 2009, 64, 864-866.	3.0	15
107	Chlamydia trachomatis infection and sexual behaviour among female students attending higher education in the Republic of Ireland. BMC Public Health, 2009, 9, 397.	2.9	15
108	A large outbreak of cryptosporidiosis in western Ireland linked to public water supply: a preliminary report. , 2007, 12, E070503.3.		15

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109	Salmonella enterica serovar Kedougou contamination of commercially grown mushrooms. Diagnostic Microbiology and Infectious Disease, 2005, 51, 73-76.	1.8	14
110	Pathogen Sources Estimation and Scenario Analysis Using the Soil and Water Assessment Tool (SWAT). Human and Ecological Risk Assessment (HERA), 2010, 16, 913-933.	3.4	14
111	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.	2.2	14
112	Investigation and management of an outbreak of Salmonella Typhimurium DT8 associated with duck eggs, Ireland 2009 to 2011. Eurosurveillance, 2013, 18, .	7.0	14
113	A Longitudinal Survey of Antibiotic-Resistant Enterobacterales in the Irish Environment, 2019â€“2020. Science of the Total Environment, 2022, 828, 154488.	8.0	14
114	Multiplex PCR for identifying mycobacterial isolates.. Journal of Clinical Pathology, 1995, 48, 203-205.	2.0	13
115	Antibiotic resistance amongst Salmonella enterica species isolated in the Republic of Ireland. Journal of Antimicrobial Chemotherapy, 1998, 42, 116-118.	3.0	13
116	Cost-Effective Application of Pulsed-Field Gel Electrophoresis to Typing of Salmonella enterica Serovar Typhimurium. Applied and Environmental Microbiology, 2005, 71, 8236-8240.	3.1	13
117	Evaluation of a PCR/DNA Probe Colorimetric Membrane Assay for Identification of Campylobacter spp. in Human Stool Specimens. Journal of Clinical Microbiology, 2001, 39, 4163-4165.	3.9	12
118	Risk Ranking of Antimicrobials in the Aquatic Environment from Human Consumption: An Irish Case Study. Human and Ecological Risk Assessment (HERA), 2013, 19, 1264-1284.	3.4	12
119	Whole genome sequencing provides possible explanations for the difference in phage susceptibility among two Salmonella Typhimurium phage types (DT8 and DT30) associated with a single foodborne outbreak. BMC Research Notes, 2015, 8, 728.	1.4	12
120	Sensitivity of streamflow and microbial water quality to future climate and land use change in the West of Ireland. Regional Environmental Change, 2016, 16, 2111-2128.	2.9	12
121	Role of patient descriptors in predicting antimicrobial resistance in urinary tract infections using a decision tree approach: A retrospective cohort study. International Journal of Medical Informatics, 2019, 127, 127-133.	3.3	12
122	Failure of Listeria monocytogenes Keratitis to Respond to Topical Ofloxacin. Cornea, 2006, 25, 849-850.	1.7	11
123	Temporal and spatial distribution of human cryptosporidiosis in the west of Ireland 2004-2007. International Journal of Health Geographics, 2009, 8, 64.	2.5	11
124	"Pee-in-a-Pot": acceptability and uptake of on-site chlamydia screening in a student population in the Republic of Ireland. BMC Infectious Diseases, 2010, 10, 325.	2.9	11
125	Pulsed Field Gel Electrophoresis typing of human and retail foodstuff Campylobacters: An Irish perspective. Food Microbiology, 2011, 28, 426-433.	4.2	11
126	Supporting the improvement and management of prescribing for urinary tract infections (SIMPle): protocol for a cluster randomized trial. Trials, 2013, 14, 441.	1.6	11

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127	Misidentification of Listeria monocytogenes by the Vitek 2 System. Journal of Clinical Microbiology, 2014, 52, 3494-3495.	3.9	11
128	Shiga toxigenic Escherichia coli incidence is related to small area variation in cattle density in a region in Ireland. Science of the Total Environment, 2018, 637-638, 865-870.	8.0	11
129	Activated charcoal as a capture material for silver nanoparticles in environmental water samples. Science of the Total Environment, 2018, 645, 356-362.	8.0	11
130	Genomic approaches used to investigate an atypical outbreak of Salmonella Adjame. Microbial Genomics, 2019, 5, .	2.0	11
131	A comparison of antimicrobial sensitivities of urinary pathogens for the years 1980 and 1990. Irish Journal of Medical Science, 1993, 162, 499-501.	1.5	10
132	A fatal case of Pasteurella multocida epiglottitis. Irish Journal of Medical Science, 2009, 178, 541-542.	1.5	10
133	Characterization of a novel extended-spectrum Î²-lactamase phenotype from OXA-1 expression in Salmonella Typhimurium strains from Africa and Ireland. Diagnostic Microbiology and Infectious Disease, 2011, 70, 549-553.	1.8	10
134	Salmonella enterica Biofilm Formation and Density in the Centers for Disease Control and Prevention's Biofilm Reactor Model Is Related to Serovar and Substratum. Journal of Food Protection, 2013, 76, 662-667.	1.7	10
135	Development of internally controlled duplex real-time NASBA diagnostics assays for the detection of microorganisms associated with bacterial meningitis. Journal of Microbiological Methods, 2016, 127, 197-202.	1.6	10
136	Isolated septic arthritis: meningococcal infection. Journal of the Royal Society of Medicine, 2003, 96, 237-238.	2.0	10
137	Rapid environmental contamination of a new nursing home with antimicrobial-resistant organisms preceding occupation by residents. Journal of Hospital Infection, 2013, 83, 327-329.	2.9	9
138	CapE (capture, amplify, extract): A rapid method for detection of low level contamination of water with Verocytotoxigenic Escherichia coli (VTEC). Science of the Total Environment, 2016, 563-564, 267-272.	8.0	9
139	A multi-country outbreak of Salmonella Agona, February - August 2008. Eurosurveillance, 2008, 13, .	7.0	9
140	Role of subtyping in detecting Salmonella cross contamination in the laboratory. BMC Microbiology, 2009, 9, 155.	3.3	8
141	Comparative genome analysis identifies novel nucleic acid diagnostic targets for use in the specific detection of Haemophilus influenzae. Diagnostic Microbiology and Infectious Disease, 2015, 83, 112-116.	1.8	8
142	COSUTI: a protocol for the development of a core outcome set (COS) for interventions for the treatment of uncomplicated urinary tract infection (UTI) in adults. Trials, 2019, 20, 106.	1.6	8
143	A comparative analysis of prophylactic antimicrobial use in long-term care facilities in Ireland, 2013 and 2016. Eurosurveillance, 2019, 24, .	7.0	8
144	Completeness and timeliness of Salmonella notifications in Ireland in 2008: a cross sectional study. BMC Public Health, 2010, 10, 568.	2.9	7

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145	Characterization of methicillin-resistant Staphylococcus aureus from residents and the environment in a long-term care facility. Epidemiology and Infection, 2015, 143, 2985-2988.	2.1	7
146	Outbreak of extended spectrum beta-lactamase producing E. coli in a nursing home in Ireland, May 2006. , 2006, 11, E060831.1.		7
147	Ethical Considerations Regarding the Administration of Oseltamivir for Infection Control Indications. Clinical Infectious Diseases, 2007, 45, 133-134.	5.8	6
148	Principles of multilevel analysis and its relevance to studies of antimicrobial resistance. Journal of Antimicrobial Chemotherapy, 2012, 67, 2316-2322.	3.0	6
149	Identification of hostâ€specific Bacteroidales 16S rDNA sequences from human sewage and ruminant feces. Journal of Basic Microbiology, 2012, 52, 277-284.	3.3	6
150	Simulation model to predict the fate of ciprofloxacin in the environment after wastewater treatment. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 675-685.	1.7	6
151	Targeted de-escalation rounds may effectively and safely reduce meropenem use. Irish Journal of Medical Science, 2017, 186, 729-732.	1.5	6
152	Measuring Antimicrobial Activity Against Biofilm Bacteria. Reviews in Environmental Science and Biotechnology, 2003, 2, 285-291.	8.1	5
153	Carbapenemase-producing Enterobacteriaceae in Irish critical care units: results of a pilot prevalence survey, June 2011. Journal of Hospital Infection, 2013, 83, 71-73.	2.9	5
154	In-vitro activity of piperacillin/tazobactam relative to other antibiotics against blood culture isolates. Irish Journal of Medical Science, 1998, 167, 155-159.	1.5	4
155	Isolated Septic Arthritis: Meningococcal Infection. Journal of the Royal Society of Medicine, 2003, 96, 237-238.	2.0	4
156	Enterobacterial Repetitive Intergenic Consensus--Polymerase Chain Reaction for Typing of Uropathogenic Escherichia coli Is Not What It Seems. Clinical Infectious Diseases, 2006, 42, 1805-1806.	5.8	4
157	Use of Pulsed-Field Gel Electrophoresis for Comparison of Similar but Distinguishable Isolates of Shigella sonnei Collected in Ireland and Italy. Journal of Clinical Microbiology, 2006, 44, 3808-3810.	3.9	4
158	Linezolid lock prophylaxis of central venous catheter infection. Journal of Medical Microbiology, 2008, 57, 534-535.	1.8	4
159	Comparison of Listeria monocytogenes Isolates across the Island of Ireland. Journal of Food Protection, 2014, 77, 1402-1406.	1.7	4
160	Improving antimicrobial prescribing in Irish primary care through electronic data collection and surveillance: a feasibility study. BMC Family Practice, 2015, 16, 77.	2.9	4
161	A 2-year comparative study of mold and bacterial counts in air samples from neutral and positive pressure rooms in 2 tertiary care hospitals. American Journal of Infection Control, 2018, 46, 590-593.	2.3	4
162	Geographic distribution and incidence of Lyme borreliosis in the west of Ireland. Irish Journal of Medical Science, 2018, 187, 435-440.	1.5	4

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163	Improving Antimicrobial Prescribing: A Multinomial Model Identifying Factors Associated With First- and Second-Line Prescribing. Journal of the American Medical Directors Association, 2019, 20, 624-628.	2.5	4
164	Listeria infection in young infants: results from a national surveillance study in the UK and Ireland. Archives of Disease in Childhood, 2021, 106, 1207-1210.	1.9	4
165	Development of a disposable cartridge real-time PCR test for detection of Chlamydia trachomatis directly from urine. Sensors and Actuators B: Chemical, 2021, 339, 129873.	7.8	4
166	Cost-Effective Methods for Isolation of Salmonella enterica in the Clinical Laboratory. Journal of Clinical Microbiology, 1999, 37, 3369-3369.	3.9	4
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