

Roberto M La Ragione

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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.

150 papers	4,599 citations	38 h-index	62 g-index
164 ext. papers	5,462 ext. citations	4 avg, IF	5.35 L-index

#	Paper	IF	Citations
150	Screening for bacillus isolates in the broiler gastrointestinal tract. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 968-78	4.8	253
149	Competitive exclusion by <i>Bacillus subtilis</i> spores of <i>Salmonella enterica</i> serotype Enteritidis and <i>Clostridium perfringens</i> in young chickens. <i>Veterinary Microbiology</i> , 2003 , 94, 245-56	3.3	197
148	The AcrAB-TolC efflux system of <i>Salmonella enterica</i> serovar Typhimurium plays a role in pathogenesis. <i>Cellular Microbiology</i> , 2006 , 8, 847-56	3.9	161
147	In vivo characterization of <i>Lactobacillus johnsonii</i> FI9785 for use as a defined competitive exclusion agent against bacterial pathogens in poultry. <i>Letters in Applied Microbiology</i> , 2004 , 38, 197-205	2.9	150
146	A new method for the experimental production of necrotic enteritis and its use for studies on the relationships between necrotic enteritis, coccidiosis and anticoccidial vaccination of chickens. <i>Parasitology Research</i> , 2003 , 90, 19-26	2.4	146
145	<i>Bacillus subtilis</i> spores competitively exclude <i>Escherichia coli</i> O78:K80 in poultry. <i>Veterinary Microbiology</i> , 2001 , 79, 133-42	3.3	117
144	Virulence factors of <i>Escherichia coli</i> serotypes associated with avian colisepticaemia. <i>Research in Veterinary Science</i> , 2002 , 73, 27-35	2.5	112
143	Virulotyping and antimicrobial resistance typing of <i>Salmonella enterica</i> serovars relevant to human health in Europe. <i>Foodborne Pathogens and Disease</i> , 2010 , 7, 523-35	3.8	109
142	An investigation of the expression and adhesin function of H7 flagella in the interaction of <i>Escherichia coli</i> O157 : H7 with bovine intestinal epithelium. <i>Cellular Microbiology</i> , 2009 , 11, 121-37	3.9	109
141	Fecal carriage and shedding density of CTX-M extended-spectrum [beta]-lactamase-producing <i>Escherichia coli</i> in cattle, chickens, and pigs: implications for environmental contamination and food production. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 3715-9	4.8	105
140	<i>Bacillus subtilis</i> spores germinate in the chicken gastrointestinal tract. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 5254-8	4.8	96
139	A mixture containing galactooligosaccharide, produced by the enzymic activity of <i>Bifidobacterium bifidum</i> , reduces <i>Salmonella enterica</i> serovar Typhimurium infection in mice. <i>Journal of Medical Microbiology</i> , 2009 , 58, 37-48	3.2	81
138	An investigation into the pathogenic properties of <i>Escherichia coli</i> strains BLR, BL21, DH5alpha and EQ1. <i>Journal of Applied Microbiology</i> , 2000 , 89, 1048-58	4.7	81
137	Mutation of <i>toxB</i> and a truncated version of the <i>efa-1</i> gene in <i>Escherichia coli</i> O157:H7 influences the expression and secretion of locus of enterocyte effacement-encoded proteins but not intestinal colonization in calves or sheep. <i>Infection and Immunity</i> , 2004 , 72, 5402-11	3.7	77
136	Functional characterization of <i>Clostridium difficile</i> spore coat proteins. <i>Journal of Bacteriology</i> , 2013 , 195, 1492-503	3.5	70
135	EspJ is a prophage-carried type III effector protein of attaching and effacing pathogens that modulates infection dynamics. <i>Infection and Immunity</i> , 2005 , 73, 679-86	3.7	69
134	<i>Escherichia coli</i> O157:H7 colonization in small domestic ruminants. <i>FEMS Microbiology Reviews</i> , 2009 , 33, 394-410	15.1	67

133	The role of fimbriae and flagella in the colonization, invasion and persistence of Escherichia coli O78:K80 in the day-old-chick model. <i>Epidemiology and Infection</i> , 2000 , 124, 351-63	4.3	66
132	Host-microbiome interactions in human type 2 diabetes following prebiotic fibre (galacto-oligosaccharide) intake. <i>British Journal of Nutrition</i> , 2016 , 116, 1869-1877	3.6	62
131	Insect infection model for Campylobacter jejuni reveals that O-methyl phosphoramidate has insecticidal activity. <i>Journal of Infectious Diseases</i> , 2010 , 201, 776-82	7	60
130	Galleria mellonella as an infection model for Campylobacter jejuni virulence. <i>Journal of Medical Microbiology</i> , 2011 , 60, 661-669	3.2	59
129	The role of fimbriae and flagella in the adherence of avian strains of Escherichia coli O78:K80 to tissue culture cells and tracheal and gut explants. <i>Journal of Medical Microbiology</i> , 2000 , 49, 327-338	3.2	59
128	Lack of AcrB Efflux Function Confers Loss of Virulence on Serovar Typhimurium. <i>MBio</i> , 2017 , 8,	7.8	58
127	In vitro fermentation of carbohydrates by porcine faecal inocula and their influence on Salmonella Typhimurium growth in batch culture systems. <i>FEMS Microbiology Ecology</i> , 2008 , 66, 608-19	4.3	58
126	Immunostimulatory activity of Bacillus spores. <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 53, 195-203		57
125	Purified galactooligosaccharide, derived from a mixture produced by the enzymic activity of Bifidobacterium bifidum, reduces Salmonella enterica serovar Typhimurium adhesion and invasion in vitro and in vivo. <i>Journal of Medical Microbiology</i> , 2010 , 59, 1428-1439	3.2	56
124	Role of intimin-tir interactions and the tir-cytoskeleton coupling protein in the colonization of calves and lambs by Escherichia coli O157:H7. <i>Infection and Immunity</i> , 2006 , 74, 758-64	3.7	56
123	Characterization of two non-locus of enterocyte effacement-encoded type III-translocated effectors, NleC and NleD, in attaching and effacing pathogens. <i>Infection and Immunity</i> , 2005 , 73, 8411-7	3.7	56
122	Lactulose and Lactobacillus plantarum, a potential complementary synbiotic to control postweaning colibacillosis in piglets. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 4879-86	4.8	55
121	Environmental regulation and colonization attributes of the long polar fimbriae (LPF) of Escherichia coli O157:H7. <i>International Journal of Medical Microbiology</i> , 2007 , 297, 177-85	3.7	49
120	Non-toxigenic Escherichia coli O157:H7 strain NCTC12900 causes attaching-effacing lesions and eae-dependent persistence in weaned sheep. <i>International Journal of Medical Microbiology</i> , 2003 , 293, 299-308	3.7	48
119	Membrane ruffling and invasion of human and avian cell lines is reduced for aflagellate mutants of Salmonella enterica serotype Enteritidis. <i>International Journal of Medical Microbiology</i> , 2003 , 293, 261-72	3.7	45
118	Pathogenic potential of emergent sorbitol-fermenting Escherichia coli O157:NM. <i>Infection and Immunity</i> , 2008 , 76, 5598-607	3.7	43
117	Comparative genomics of European avian pathogenic E. Coli (APEC). <i>BMC Genomics</i> , 2016 , 17, 960	4.5	40
116	Recognition of greater diversity of Bacillus species and related bacteria in human faeces. <i>Research in Microbiology</i> , 2012 , 163, 3-13	4	40

115	In Vitro Antibacterial Activity of Curcumin-Polymyxin B Combinations against Multidrug-Resistant Bacteria Associated with Traumatic Wound Infections. <i>Journal of Natural Products</i> , 2016 , 79, 1702-6	4.9	39
114	Oral treatment of chickens with <i>Lactobacillus reuteri</i> LM1 reduces <i>Brachyspira pilosicoli</i> -induced pathology. <i>Journal of Medical Microbiology</i> , 2013 , 62, 287-296	3.2	39
113	Role for flagella but not intimin in the persistent infection of the gastrointestinal tissues of specific-pathogen-free chicks by shiga toxin-negative <i>Escherichia coli</i> O157:H7. <i>Infection and Immunity</i> , 2005 , 73, 1836-46	3.7	39
112	Transcriptional regulators of the GAD acid stress island are carried by effector protein-encoding prophages and indirectly control type III secretion in enterohemorrhagic <i>Escherichia coli</i> O157:H7. <i>Molecular Microbiology</i> , 2011 , 80, 1349-65	4.1	38
111	Prebiotic and probiotic agents enhance antibody-based immune responses to <i>Salmonella</i> Typhimurium infection in pigs. <i>Animal Feed Science and Technology</i> , 2015 , 201, 57-65	3	37
110	Isolation of recombinant antibodies against EspA and intimin of <i>Escherichia coli</i> O157:H7. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 2966-76	9.7	36
109	Efficacy of a live attenuated <i>Escherichia coli</i> O78:K80 vaccine in chickens and turkeys. <i>Avian Diseases</i> , 2013 , 57, 273-9	1.6	35
108	Role of NleH, a type III secreted effector from attaching and effacing pathogens, in colonization of the bovine, ovine, and murine gut. <i>Infection and Immunity</i> , 2008 , 76, 4804-13	3.7	35
107	Phenotypic and genotypic characterization of avian <i>Escherichia coli</i> O86:K61 isolates possessing a gamma-like intimin. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 4932-42	4.8	35
106	Colonisation of poultry by <i>Salmonella</i> Enteritidis S1400 is reduced by combined administration of <i>Lactobacillus salivarius</i> 59 and <i>Enterococcus faecium</i> PXN-33. <i>Veterinary Microbiology</i> , 2017 , 199, 100-107	3.3	34
105	Investigation of Novel and Mutations in Isogenic <i>Acinetobacter baumannii</i> Isolates Associated with Colistin Resistance and Increased Virulence. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	33
104	Immune responses associated with homologous protection conferred by commercial vaccines for control of avian pathogenic <i>Escherichia coli</i> in turkeys. <i>Veterinary Research</i> , 2015 , 46, 5	3.8	32
103	Periplasmic adaptor protein AcrA has a distinct role in the antibiotic resistance and virulence of <i>Salmonella enterica</i> serovar Typhimurium. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 64, 965-72	5.1	32
102	Enterohaemorrhagic and other Shiga toxin-producing <i>Escherichia coli</i> (STEC): Where are we now regarding diagnostics and control strategies?. <i>Transboundary and Emerging Diseases</i> , 2018 , 65 Suppl 1, 49-71	4.2	31
101	Microarray based comparative genotyping of gentamicin resistant <i>Escherichia coli</i> strains from food animals and humans. <i>Veterinary Microbiology</i> , 2012 , 156, 110-8	3.3	31
100	Comparative genomics of <i>Brachyspira pilosicoli</i> strains: genome rearrangements, reductions and correlation of genetic complement with phenotypic diversity. <i>BMC Genomics</i> , 2012 , 13, 454	4.5	31
99	<i>Yersinia enterocolitica</i> isolates of differing biotypes from humans and animals are adherent, invasive and persist in macrophages, but differ in cytokine secretion profiles in vitro. <i>Journal of Medical Microbiology</i> , 2006 , 55, 1725-1734	3.2	31
98	Differences in <i>Salmonella enterica</i> serovar Typhimurium strain invasiveness are associated with heterogeneity in SPI-1 gene expression. <i>Microbiology (United Kingdom)</i> , 2011 , 157, 2072-2083	2.9	30

97	Novel Antibacterials: Alternatives to Traditional Antibiotics. <i>Advances in Microbial Physiology</i> , 2018 , 73, 123-169	4.4	29
96	Evaluation of the inclusion of a mixture of organic acids or lactulose into the feed of pigs experimentally challenged with Salmonella Typhimurium. <i>Veterinary Microbiology</i> , 2010 , 142, 337-45	3.3	29
95	Identification of a novel prophage regulator in Escherichia coli controlling the expression of type III secretion. <i>Molecular Microbiology</i> , 2012 , 83, 208-23	4.1	28
94	Investigating the Association Between the Caecal Microbiomes of Broilers and Burden. <i>Frontiers in Microbiology</i> , 2018 , 9, 927	5.7	27
93	Brachyspira and its role in avian intestinal spirochaetosis. <i>Veterinary Microbiology</i> , 2014 , 168, 245-60	3.3	27
92	An aflagellate mutant Yersinia enterocolitica biotype 1A strain displays altered invasion of epithelial cells, persistence in macrophages, and cytokine secretion profiles in vitro. <i>Microbiology (United Kingdom)</i> , 2007 , 153, 1339-1349	2.9	27
91	First report of mcr-1-harboring Salmonella enterica serovar Schwarzengrund isolated from poultry meat in Brazil. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019 , 93, 376-379	2.9	27
90	Lactobacilli antagonize the growth, motility, and adherence of Brachyspira pilosicoli: a potential intervention against avian intestinal spirochetosis. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 5402-11	4.8	26
89	Beyond Antimicrobial Resistance: Evidence for a Distinct Role of the AcrD Efflux Pump in Salmonella Biology. <i>MBio</i> , 2016 , 7,	7.8	25
88	Recombinant anti-EspA antibodies block Escherichia coli O157:H7-induced attaching and effacing lesions in vitro. <i>Microbes and Infection</i> , 2006 , 8, 426-33	9.3	25
87	Cytoplasmic delivery of antigens, by Bacillus subtilis enhances Th1 responses. <i>Vaccine</i> , 2008 , 26, 6043-52	4.1	24
86	Sequence analysis of a CTX-M-1 IncI1 plasmid found in Salmonella 4,5,12:i:-, Escherichia coli and Klebsiella pneumoniae on a UK pig farm. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 2098-101	5.1	23
85	Use of Morphometric Mapping to Characterise Symptomatic Chiari-Like Malformation, Secondary Syringomyelia and Associated Brachycephaly in the Cavalier King Charles Spaniel. <i>PLoS ONE</i> , 2017 , 12, e0170315	3.7	21
84	Extensive microbial diversity within the chicken gut microbiome revealed by metagenomics and culture. <i>PeerJ</i> , 2021 , 9, e10941	3.1	21
83	In vitro and In vivo Activity of Theaflavin-Epicatechin Combinations versus Multidrug-Resistant Acinetobacter baumannii. <i>Infectious Diseases and Therapy</i> , 2017 , 6, 435-442	6.2	20
82	Fluoroquinolone efflux in Streptococcus suis is mediated by SatAB and not by SmrA. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 5850-60	5.9	20
81	Characterization of tccP2 carried by atypical enteropathogenic Escherichia coli. <i>FEMS Microbiology Letters</i> , 2007 , 271, 126-35	2.9	20
80	Artificial Intelligence-Assisted Loop Mediated Isothermal Amplification (AI-LAMP) for Rapid Detection of SARS-CoV-2. <i>Viruses</i> , 2020 , 12,	6.2	20

79	Differences in carbon source utilisation distinguish <i>Campylobacter jejuni</i> from <i>Campylobacter coli</i> . <i>BMC Microbiology</i> , 2014 , 14, 262	4.5	19
78	SPI-23 of <i>S. Derby</i> : role in adherence and invasion of porcine tissues. <i>PLoS ONE</i> , 2014 , 9, e107857	3.7	19
77	Fecal Enterobacteriales enrichment is associated with increased in vivo intestinal permeability in humans. <i>Physiological Reports</i> , 2018 , 6, e13649	2.6	19
76	Interaction with avian cells and colonisation of specific pathogen free chicks by Shiga-toxin negative <i>Escherichia coli</i> O157:H7 (NCTC 12900). <i>Veterinary Microbiology</i> , 2003 , 93, 207-22	3.3	18
75	Craniometric Analysis of the Hindbrain and Craniocervical Junction of Chihuahua, Affenpinscher and Cavalier King Charles Spaniel Dogs With and Without Syringomyelia Secondary to Chiari-Like Malformation. <i>PLoS ONE</i> , 2017 , 12, e0169898	3.7	17
74	Challenges in Veterinary Vaccine Development and Immunization. <i>Methods in Molecular Biology</i> , 2016 , 1404, 3-35	1.4	16
73	Biological activity of manganese(i) tricarbonyl complexes on multidrug-resistant Gram-negative bacteria: From functional studies to in vivo activity in <i>Galleria mellonella</i> . <i>Metallomics</i> , 2019 , 11, 2033-2042	4.5	16
72	Functional characterisation of bovine TLR5 indicates species-specific recognition of flagellin. <i>Veterinary Immunology and Immunopathology</i> , 2014 , 157, 197-205	2	15
71	A comparison of Shiga-toxin negative <i>Escherichia coli</i> O157 aflagellate and intimin deficient mutants in porcine in vitro and in vivo models of infection. <i>Veterinary Microbiology</i> , 2006 , 113, 63-72	3.3	15
70	Intermittent <i>Escherichia coli</i> O157:H7 colonisation at the terminal rectum mucosa of conventionally-reared lambs. <i>Veterinary Research</i> , 2009 , 40, 9	3.8	15
69	Phenotypic microarrays suggest <i>Escherichia coli</i> ST131 is not a metabolically distinct lineage of extra-intestinal pathogenic <i>E. coli</i> . <i>PLoS ONE</i> , 2014 , 9, e88374	3.7	14
68	Interprofessional initiatives between the human health professions and veterinary medical students: a scoping review. <i>Journal of Interprofessional Care</i> , 2014 , 28, 323-30	2.7	14
67	Evidence for systemic spread of the potentially zoonotic intestinal spirochaete <i>Brachyspira pilosicoli</i> in experimentally challenged laying chickens. <i>Journal of Medical Microbiology</i> , 2013 , 62, 297-302	3.2	14
66	Response of porcine intestinal in vitro organ culture tissues following exposure to <i>Lactobacillus plantarum</i> JC1 and <i>Salmonella enterica</i> serovar Typhimurium SL1344. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 6645-57	4.8	14
65	Low molecular weight fractions of BiMuno \square exert immunostimulatory properties in murine macrophages. <i>Journal of Functional Foods</i> , 2012 , 4, 941-953	5.1	13
64	Inheritance of Chiari-Like Malformation: Can a Mixed Breeding Reduce the Risk of Syringomyelia?. <i>PLoS ONE</i> , 2016 , 11, e0151280	3.7	13
63	Biophysical interactions between pancreatic cancer cells and pristine carbon nanotube substrates: Potential application for pancreatic cancer tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 1637-1644	3.5	13
62	Bacterial spore formers as probiotics for poultry. <i>Food Science and Technology Bulletin</i> , 2007 , 4, 21-30		12

61	Estimation of the impact of vaccination on faecal shedding and organ and egg contamination for Salmonella Enteritidis, Salmonella Typhimurium and monophasic Salmonella Typhimurium. <i>Avian Pathology</i> , 2014 , 43, 155-63	2.4	11
60	Impact of antibiotics on the intestinal microbiota and on the treatment of Shiga-toxin-producing Escherichia coli and Salmonella infections. <i>Current Pharmaceutical Design</i> , 2014 , 20, 4535-48	3.3	11
59	Application of Prebiotics and Probiotics in Livestock 2009 , 1123-1192		11
58	Knowledge, Attitudes and Practices of Veterinarians Towards Antimicrobial Resistance and Stewardship in Nigeria. <i>Antibiotics</i> , 2020 , 9,	4.9	10
57	Mapping polyclonal antibody responses to bacterial infection using next generation phage display. <i>Scientific Reports</i> , 2016 , 6, 24232	4.9	10
56	Pristine carbon nanotube scaffolds for the growth of chondrocytes. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8178-8182	7.3	9
55	Rapid diagnosis of strangles (Streptococcus equi subspecies equi) using PCR. <i>Research in Veterinary Science</i> , 2015 , 102, 162-6	2.5	9
54	Interaction of enterohemorrhagic Escherichia coli O157:H7 with mouse intestinal mucosa. <i>FEMS Microbiology Letters</i> , 2008 , 283, 196-202	2.9	9
53	Influence of geographical origin, host animal and stx gene on the virulence characteristics of Escherichia coli O26 strains. <i>Journal of Medical Microbiology</i> , 2007 , 56, 1431-1439	3.2	9
52	Virulence in the chick model and stress tolerance of Salmonella enterica serovar Orion var. 15+. <i>International Journal of Medical Microbiology</i> , 2001 , 290, 707-18	3.7	9
51	Occurrence and characterization of extended-spectrum cephalosporin-resistant Enterobacteriaceae in healthy household dogs in Greece. <i>Journal of Medical Microbiology</i> , 2018 , 67, 931-935	3.35	9
50	Design and application of a loop-mediated isothermal amplification assay for the rapid detection of Staphylococcus pseudintermedius. <i>Journal of Veterinary Diagnostic Investigation</i> , 2014 , 26, 42-8	1.5	8
49	Identification and characterization of a peculiar vtx2-converting phage frequently present in verocytotoxin-producing Escherichia coli O157 isolated from human infections. <i>Infection and Immunity</i> , 2014 , 82, 3023-32	3.7	8
48	One Health: An opportunity for an interprofessional approach to healthcare. <i>Journal of Interprofessional Care</i> , 2015 , 29, 641-2	2.7	8
47	The metabolic impact of zinc oxide on porcine intestinal cells and enterotoxigenic Escherichia coli K88. <i>Livestock Science</i> , 2010 , 133, 45-48	1.7	8
46	Curing vector for IncI1 plasmids and its use to provide evidence for a metabolic burden of IncI1 CTX-M-1 plasmid pIFM3791 on Klebsiella pneumoniae. <i>Journal of Medical Microbiology</i> , 2016 , 65, 611-618	3.2	8
45	CapC, a Novel Autotransporter and Virulence Factor of Campylobacter jejuni. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	7
44	Drinking water application of Denagard® Tiamulin for control of Brachyspira pilosicoli infection of laying poultry. <i>Research in Veterinary Science</i> , 2015 , 103, 87-95	2.5	7

43	Epidemic multidrug-resistant (MDR-AmpC) <i>Salmonella enterica</i> serovar Newport strains contain three phage regions and a MDR resistance plasmid. <i>Environmental Microbiology Reports</i> , 2010 , 2, 228-35	3.7	7
42	Colonization, persistence, and tissue tropism of <i>Escherichia coli</i> O26 in conventionally reared weaned lambs. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 691-8	4.8	7
41	Characterization of a colistin-resistant Avian Pathogenic <i>Escherichia coli</i> ST69 isolate recovered from a broiler chicken in Germany. <i>Journal of Medical Microbiology</i> , 2019 , 68, 111-114	3.2	7
40	Restoring the activity of the antibiotic aztreonam using the polyphenol epigallocatechin gallate (EGCG) against multidrug-resistant clinical isolates of. <i>Journal of Medical Microbiology</i> , 2019 , 68, 1552-1559	3.3	7
39	Phylogenomic approaches to determine the zoonotic potential of Shiga toxin-producing <i>Escherichia coli</i> (STEC) isolated from Zambian dairy cattle. <i>Scientific Reports</i> , 2016 , 6, 26589	4.9	6
38	Use of virulence determinants and seropathotypes to distinguish high- and low-risk <i>Escherichia coli</i> O157 and non-O157 isolates from Europe. <i>Epidemiology and Infection</i> , 2014 , 142, 1019-28	4.3	6
37	Histopathologic differences in the endovenous laser ablation between jacketed and radial fibers, in an ex vivo dominant extrafascial tributary of the great saphenous vein in an in vitro model, using histology and immunohistochemistry. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2019 , 7, 234-245	3.2	6
36	The Avian Pathogenic (APEC) pathotype is comprised of multiple distinct, independent genotypes. <i>Avian Pathology</i> , 2021 , 50, 402-416	2.4	6
35	Valproic acid protects against haemorrhagic shock-induced signalling changes via PPAR α activation in an in vitro model. <i>British Journal of Pharmacology</i> , 2015 , 172, 5306-17	8.6	5
34	Characterization of the invasiveness of monophasic and aphasic <i>Salmonella</i> Typhimurium strains in 1-day-old and point-of-lay chickens. <i>Avian Pathology</i> , 2014 , 43, 269-75	2.4	5
33	Microarray-based detection of virulence genes in verotoxigenic <i>Escherichia coli</i> O157:H7 strains from Swedish cattle. <i>Epidemiology and Infection</i> , 2011 , 139, 1088-96	4.3	5
32	Genotypic relatedness and characterization of <i>Staphylococcus pseudintermedius</i> associated with post-operative surgical infections in dogs. <i>Journal of Medical Microbiology</i> , 2015 , 64, 1074-1081	3.2	5
31	Manganese complex [Mn(CO)(tpa- μ)]Br increases antibiotic sensitivity in multidrug resistant <i>Streptococcus pneumoniae</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 22, 594-597	3.4	4
30	Host-specific differences in the contribution of an ESBL IncI1 plasmid to intestinal colonization by <i>Escherichia coli</i> O104:H4. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 1579-1585	5.1	4
29	Gene expression profiles induced by <i>Salmonella</i> infection in resistant and susceptible mice. <i>Microbes and Infection</i> , 2011 , 13, 383-93	9.3	4
28	<i>Brachyspira pilosicoli</i> -induced avian intestinal spirochaetosis. <i>Microbial Ecology in Health and Disease</i> , 2015 , 26, 28853		4
27	Zidovudine in synergistic combination with fosfomycin: an in vitro and in vivo evaluation against multidrug-resistant Enterobacterales. <i>International Journal of Antimicrobial Agents</i> , 2021 , 58, 106362	14.3	4
26	Biofilm regulation in <i>Clostridioides difficile</i> : Novel systems linked to hypervirulence. <i>PLoS Pathogens</i> , 2021 , 17, e1009817	7.6	4

25	"Bowel on the Bench": Proof of Concept of a Three-Stage, Fermentation Model of the Equine Large Intestine. <i>Applied and Environmental Microbiology</i> , 2019 , 86,	4.8	3
24	Antibacterial activity of Mn(II) and Re(II) tricarbonyl complexes conjugated to a bile acid carrier molecule. <i>Metallomics</i> , 2020 , 12, 1563-1575	4.5	3
23	Addressing Infection Risk in Veterinary Practice through the Innovative Application of Interactive 3D Animation Methods. <i>Design Journal</i> , 2021 , 24, 51-72	0.6	3
22	Establishing an invertebrate greater wax moth larval model of infection. <i>Virulence</i> , 2021 , 12, 1900-1920	4.7	3
21	A Rapid and Simple Loop-Mediated Isothermal Amplification Assay for the Detection of <i>Pseudomonas aeruginosa</i> From Equine Genital Swabs. <i>Journal of Equine Veterinary Science</i> , 2015 , 35, 929-934	1.2	2
20	Interaction between attaching-effacing <i>Escherichia coli</i> O26:K60 and O157:H7 in young lambs. <i>Research in Veterinary Science</i> , 2009 , 87, 13-5	2.5	2
19	An antibody forming cell assay is more sensitive than serology for detecting antibody in fish. <i>Fish and Shellfish Immunology</i> , 1997 , 7, 327-333	4.3	2
18	Leptospirosis. <i>Journal of Medical Microbiology</i> , 2019 , 68, 289	3.2	2
17	Protective porcine influenza virus-specific monoclonal antibodies recognize similar haemagglutinin epitopes as humans. <i>PLoS Pathogens</i> , 2021 , 17, e1009330	7.6	2
16	Mapping B-cell responses to <i>Salmonella enterica</i> serovars Typhimurium and Enteritidis in chickens for the discrimination of infected from vaccinated animals. <i>Scientific Reports</i> , 2016 , 6, 31186	4.9	2
15	<i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> autotransporter genes exhibit lineage-associated distribution and decay. <i>BMC Genomics</i> , 2020 , 21, 314	4.5	2
14	Genomic Screening of Antimicrobial Resistance Markers in UK and US Isolates Highlights Stability of Resistance over an 18-Year Period.. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , e0168721	5.9	2
13	Seasonality of enteric viruses in groundwater-derived public water sources. <i>Water Research</i> , 2021 , 207, 117813	12.5	1
12	Non-curliation of <i>Escherichia coli</i> O78:K80 isolates associated with IS1 insertion in <i>csgB</i> and reduced persistence in poultry infection		1
11	Low pathogenic avian influenza virus infection retards colon microbiota diversification in two different chicken lines. <i>Animal Microbiome</i> , 2021 , 3, 64	4.1	1
10	Genomic analysis of the zoonotic ST73 lineage containing avian and human extraintestinal pathogenic <i>Escherichia coli</i> (ExPEC).. <i>Veterinary Microbiology</i> , 2022 , 267, 109372	3.3	1
9	Metagenomic investigation of the equine faecal microbiome reveals extensive taxonomic diversity.. <i>PeerJ</i> , 2022 , 10, e13084	3.1	1
8	Antibiotics-Free Compounds for Chronic Wound Healing. <i>Pharmaceutics</i> , 2022 , 14, 1021	6.4	1

7	Archaeal and Bacterial Metagenome-Assembled Genome Sequences Derived from Pig Feces.. <i>Microbiology Resource Announcements</i> , 2022 , 11, e0114221	1.3	o
6	Development of Loop-Mediated Isothermal Amplification Rapid Diagnostic Assays for the Detection of and Carbapenemase Genes in Clinical Samples.. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 794961	5.6	o
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3	Genomic characterization of enteropathogenic (EPEC) of avian origin and rabbit ileal loop response; a pet macaw () as a possible zoonotic reservoir. <i>Veterinary Quarterly</i> , 2020 , 40, 331-341	8	
2	ANTIBIOTIC RESISTANCE IN AND SPP. ISOLATED FROM UNGULATES AT A ZOOLOGICAL COLLECTION IN THE UNITED KINGDOM. <i>Journal of Zoo and Wildlife Medicine</i> , 2021 , 51, 761-770	0.9	
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