

Roberto M La Ragione

List of Publications by Year in descending order

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162
papers

6,133
citations

61984

43
h-index

88630

70
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164
all docs

164
docs citations

164
times ranked

6888
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening for <i>Bacillus</i> Isolates in the Broiler Gastrointestinal Tract. <i>Applied and Environmental Microbiology</i> , 2005, 71, 968-978.	3.1	307
2	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, 245-256.	1.9	241
3	The AcrAB-TolC efflux system of <i>Salmonella enterica</i> serovar Typhimurium plays a role in pathogenesis. <i>Cellular Microbiology</i> , 2006, 8, 847-856.	2.1	205
4	In vivo characterization of <i>Lactobacillus johnsonii</i> F19785 for use as a defined competitive exclusion agent against bacterial pathogens in poultry. <i>Letters in Applied Microbiology</i> , 2004, 38, 197-205.	2.2	197
5	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.	1.6	166
6	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, 523-535.	1.8	153
7	Virulence factors of <i>Escherichia coli</i> serotypes associated with avian colisepticaemia. <i>Research in Veterinary Science</i> , 2002, 73, 27-35.	1.9	134
8	<i>Bacillus subtilis</i> spores competitively exclude <i>Escherichia coli</i> O78:K80 in poultry. <i>Veterinary Microbiology</i> , 2001, 79, 133-142.	1.9	131
9	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, 121-137.	2.1	131
10	<i>Bacillus subtilis</i> Spores Germinate in the Chicken Gastrointestinal Tract. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5254-5258.	3.1	123
11	Fecal Carriage and Shedding Density of CTX-M Extended-Spectrum β -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, 3715-3719.	3.1	120
12	Lack of AcrB Efflux Function Confers Loss of Virulence on <i>Salmonella enterica</i> Serovar Typhimurium. <i>MBio</i> , 2017, 8, .	4.1	108
13	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, 1048-1058.	3.1	103
14	Functional Characterization of <i>Clostridium difficile</i> Spore Coat Proteins. <i>Journal of Bacteriology</i> , 2013, 195, 1492-1503.	2.2	98
15	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.	1.8	85
16	Host-microbiome interactions in human type 2 diabetes following prebiotic fibre (galacto-oligosaccharide) intake. <i>British Journal of Nutrition</i> , 2016, 116, 1869-1877.	2.3	85
17	Comparative genomics of European avian pathogenic <i>E. Coli</i> (APEC). <i>BMC Genomics</i> , 2016, 17, 960.	2.8	84
18	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, 5402-5411.	2.2	82

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19	Lactulose and Lactobacillus plantarum, a Potential Complementary Synbiotic To Control Postweaning Colibacillosis in Piglets. Applied and Environmental Microbiology, 2014, 80, 4879-4886.	3.1	81
20	The role of fimbriae and flagella in the colonization, invasion and persistence of Escherichia coli O78[Δ JK80] in the day-old-chick model. Epidemiology and Infection, 2000, 124, 351-363.	2.1	79
21	Immunostimulatory activity of <i>Bacillus</i> spores. FEMS Immunology and Medical Microbiology, 2008, 53, 195-203.	2.7	79
22	Extensive microbial diversity within the chicken gut microbiome revealed by metagenomics and culture. PeerJ, 2021, 9, e10941.	2.0	79
23	Galleria mellonella as an infection model for Campylobacter jejuni virulence. Journal of Medical Microbiology, 2011, 60, 661-669.	1.8	77
24	<i>Escherichia coli</i> O157:H7 colonization in small domestic ruminants. FEMS Microbiology Reviews, 2009, 33, 394-410.	8.6	74
25	Insect Infection Model for <i>Campylobacter jejuni</i> Reveals That O ⁶ -methyl Phosphoramidate Has Insecticidal Activity. Journal of Infectious Diseases, 2010, 201, 100129142112076-000.	4.0	72
26	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. Journal of Medical Microbiology, 2000, 49, 327-338.	1.8	71
27	EspJ Is a Prophage-Carried Type III Effector Protein of Attaching and Effacing Pathogens That Modulates Infection Dynamics. Infection and Immunity, 2005, 73, 679-686.	2.2	71
28	In vitro fermentation of carbohydrates by porcine faecal inocula and their influence on Salmonella Typhimurium growth in batch culture systems. FEMS Microbiology Ecology, 2008, 66, 608-619.	2.7	67
29	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. Journal of Medical Microbiology, 2010, 59, 1428-1439.	1.8	64
30	Enterohaemorrhagic and other Shiga toxin-producing <i>Escherichia coli</i> (STEC): Where are we now regarding diagnostics and control strategies?. Transboundary and Emerging Diseases, 2018, 65, 49-71.	3.0	62
31	Investigation of Novel <i>pmrB</i> and <i>eptA</i> Mutations in Isogenic Acinetobacter baumannii Isolates Associated with Colistin Resistance and Increased Virulence <i>In Vivo</i> . Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	60
32	Characterization of Two Non-Locus of Enterocyte Effacement-Encoded Type III-Translocated Effectors, NleC and NleD, in Attaching and Effacing Pathogens. Infection and Immunity, 2005, 73, 8411-8417.	2.2	59
33	Role of Intimin-Tir Interactions and the Tir-Cytoskeleton Coupling Protein in the Colonization of Calves and Lambs by Escherichia coli O157:H7. Infection and Immunity, 2006, 74, 758-764.	2.2	58
34	In Vitro Antibacterial Activity of Curcumin+Polymyxin B Combinations against Multidrug-Resistant Bacteria Associated with Traumatic Wound Infections. Journal of Natural Products, 2016, 79, 1702-1706.	3.0	55
35	Environmental regulation and colonization attributes of the long polar fimbriae (LPF) of Escherichia coli O157:H7. International Journal of Medical Microbiology, 2007, 297, 177-185.	3.6	54
36	Recognition of greater diversity of Bacillus species and related bacteria in human faeces. Research in Microbiology, 2012, 163, 3-13.	2.1	53

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37	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, 1349-1365.	2.5	50
38	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.	2.2	50
39	Membrane ruffling and invasion of human and avian cell lines is reduced for flagellate mutants of <i>Salmonella enterica</i> serotype Enteritidis. <i>International Journal of Medical Microbiology</i> , 2003, 293, 261-272.	3.6	49
40	Non-toxigenic <i>Escherichia coli</i> 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.	3.6	49
41	Efficacy of a Live Attenuated <i>Escherichia coli</i> O78:K80 Vaccine in Chickens and Turkeys. <i>Avian Diseases</i> , 2013, 57, 273-279.	1.0	49
42	Novel Antibacterials: Alternatives to Traditional Antibiotics. <i>Advances in Microbial Physiology</i> , 2018, 73, 123-169.	2.4	48
43	Pathogenic Potential of Emergent Sorbitol-Fermenting <i>Escherichia coli</i> O157:NM. <i>Infection and Immunity</i> , 2008, 76, 5598-5607.	2.2	47
44	Microarray based comparative genotyping of gentamicin resistant <i>Escherichia coli</i> strains from food animals and humans. <i>Veterinary Microbiology</i> , 2012, 156, 110-118.	1.9	47
45	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.	1.8	44
46	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.	1.9	44
47	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, 1836-1846.	2.2	43
48	Investigating the Association Between the Caecal Microbiomes of Broilers and <i>Campylobacter</i> Burden. <i>Frontiers in Microbiology</i> , 2018, 9, 927.	3.5	43
49	Beyond Antimicrobial Resistance: Evidence for a Distinct Role of the AcrD Efflux Pump in <i>Salmonella</i> Biology. <i>MBio</i> , 2016, 7, .	4.1	41
50	First report of mcr-1-harboring <i>Salmonella enterica</i> serovar Schwarzengrund isolated from poultry meat in Brazil. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 93, 376-379.	1.8	41
51	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.	1.8	40
52	Artificial Intelligence-Assisted Loop Mediated Isothermal Amplification (AI-LAMP) for Rapid Detection of SARS-CoV-2. <i>Viruses</i> , 2020, 12, 972.	3.3	40
53	Isolation of Recombinant Antibodies against EspA and Intimin of <i>Escherichia coli</i> O157:H7. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2966-2976.	3.9	39
54	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, 4932-4942.	3.1	38

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55	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, 965-972.	3.0	38
56	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.	2.8	38
57	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, 4804-4813.	2.2	37
58	<i>Brachyspira</i> and its role in avian intestinal spirochaetosis. <i>Veterinary Microbiology</i> , 2014, 168, 245-260.	1.9	37
59	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.	3.0	37
60	Fecal <i>Enterobacteriales</i> enrichment is associated with increased <i>in vivo</i> intestinal permeability in humans. <i>Physiological Reports</i> , 2018, 6, e13649.	1.7	37
61	<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 <i>in vitro</i> . <i>Journal of Medical Microbiology</i> , 2006, 55, 1725-1734.	1.8	36
62	Evaluation of the inclusion of a mixture of organic acids or lactulose into the feed of pigs experimentally challenged with <i>Salmonella Typhimurium</i> . <i>Veterinary Microbiology</i> , 2010, 142, 337-345.	1.9	36
63	The Avian Pathogenic <i>Escherichia coli</i> (APEC) pathotype is comprised of multiple distinct, independent genotypes. <i>Avian Pathology</i> , 2021, 50, 402-416.	2.0	34
64	Identification of a novel prophage regulator in <i>Escherichia coli</i> controlling the expression of type III secretion. <i>Molecular Microbiology</i> , 2012, 83, 208-223.	2.5	33
65	Lactobacilli Antagonize the Growth, Motility, and Adherence of <i>Brachyspira pilosicoli</i> : a Potential Intervention against Avian Intestinal Spirochetosis. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5402-5411.	3.1	32
66	SPI-23 of <i>S. Derby</i> : Role in Adherence and Invasion of Porcine Tissues. <i>PLoS ONE</i> , 2014, 9, e107857.	2.5	31
67	Differences in carbon source utilisation distinguish <i>Campylobacter jejuni</i> from <i>Campylobacter coli</i> . <i>BMC Microbiology</i> , 2014, 14, 262.	3.3	30
68	Sequence analysis of a CTX-M-1 IncI1 plasmid found in <i>Salmonella</i> 4,5,12:i:â, <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> on a UK pig farm. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2098-2101.	3.0	29
69	Biological activity of manganese (<sc>tricarboxyl complexes on multidrug-resistant Gram-negative bacteria: From functional studies to <i>in vivo</i> activity in <i>Galleria mellonella</i> . <i>Metallomics</i> , 2019, 11, 2033-2042.	2.4	29
70	Knowledge, Attitudes and Practices of Veterinarians Towards Antimicrobial Resistance and Stewardship in Nigeria. <i>Antibiotics</i> , 2020, 9, 453.	3.7	29
71	An aflagellate mutant <i>Yersinia enterocolitica</i> biotype 1A strain displays altered invasion of epithelial cells, persistence in macrophages, and cytokine secretion profiles <i>in vitro</i> . <i>Microbiology (United Kingdom)</i> Tj ETQq1 1 0.784314 rgBT / Overlock	3.1	28
72	Fluoroquinolone Efflux in <i>Streptococcus suis</i> Is Mediated by SatAB and Not by SmrA. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 5850-5860.	3.2	28

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73	Cytoplasmic delivery of antigens, by <i>Bacillus subtilis</i> enhances Th1 responses. <i>Vaccine</i> , 2008, 26, 6043-6052.	3.8	27
74	Recombinant anti-EspA antibodies block <i>Escherichia coli</i> O157:H7-induced attaching and effacing lesions in vitro. <i>Microbes and Infection</i> , 2006, 8, 426-433.	1.9	26
75	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.	2.5	26
76	In vitro and In vivo Activity of Theaflavin-Epicatechin Combinations versus Multidrug-Resistant <i>Acinetobacter baumannii</i> . <i>Infectious Diseases and Therapy</i> , 2017, 6, 435-442.	4.0	25
77	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.	2.5	23
78	Characterization of tccP2 carried by atypical enteropathogenic <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2007, 271, 126-135.	1.8	21
79	Functional characterisation of bovine TLR5 indicates species-specific recognition of flagellin. <i>Veterinary Immunology and Immunopathology</i> , 2014, 157, 197-205.	1.2	21
80	Rapid diagnosis of strangles (<i>Streptococcus equi</i> subspecies <i>equi</i>) using PCR. <i>Research in Veterinary Science</i> , 2015, 102, 162-166.	1.9	21
81	Biofilm regulation in <i>Clostridioides difficile</i> : Novel systems linked to hypervirulence. <i>PLoS Pathogens</i> , 2021, 17, e1009817.	4.7	21
82	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, 207-222.	1.9	20
83	Challenges in Veterinary Vaccine Development and Immunization. <i>Methods in Molecular Biology</i> , 2016, 1404, 3-35.	0.9	20
84	Restoring the activity of the antibiotic aztreonam using the polyphenol epigallocatechin gallate (EGCG) against multidrug-resistant clinical isolates of <i>Pseudomonas aeruginosa</i> . <i>Journal of Medical Microbiology</i> , 2019, 68, 1552-1559.	1.8	20
85	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.	2.5	18
86	Interprofessional initiatives between the human health professions and veterinary medical students: a scoping review. <i>Journal of Interprofessional Care</i> , 2014, 28, 323-330.	1.7	18
87	Metagenomic investigation of the equine faecal microbiome reveals extensive taxonomic diversity. <i>PeerJ</i> , 2022, 10, e13084.	2.0	18
88	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.	3.4	17
89	Low molecular weight fractions of BiMuno® exert immunostimulatory properties in murine macrophages. <i>Journal of Functional Foods</i> , 2012, 4, 941-953.	3.4	16
90	Establishing an invertebrate <i>Galleria mellonella</i> greater wax moth larval model of <i>Neisseria gonorrhoeae</i> infection. <i>Virulence</i> , 2021, 12, 1900-1920.	4.4	16

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91	Intermittent <i>Escherichia coli</i> O157:H7 colonisation at the terminal rectum mucosa of conventionally-reared lambs. <i>Veterinary Research</i> , 2009, 40, 09.	3.0	16
92	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.	1.8	16
93	Seasonality of enteric viruses in groundwater-derived public water sources. <i>Water Research</i> , 2021, 207, 117813.	11.3	16
94	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.	1.9	15
95	Response of Porcine Intestinal <i>In Vitro</i> 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, 6645-6657.	3.1	15
96	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.	1.8	15
97	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.	3.3	15
98	Bacterial spore formers as probiotics for poultry. <i>Food Science and Technology Bulletin</i> , 2007, 4, 21-30.	0.5	15
99	Inheritance of Chiari-Like Malformation: Can a Mixed Breeding Reduce the Risk of Syringomyelia?. <i>PLoS ONE</i> , 2016, 11, e0151280.	2.5	14
100	Design and application of a loop-mediated isothermal amplification assay for the rapid detection of <i>Staphylococcus pseudintermedius</i> . <i>Journal of Veterinary Diagnostic Investigation</i> , 2014, 26, 42-48.	1.1	13
101	One Health: An opportunity for an interprofessional approach to healthcare. <i>Journal of Interprofessional Care</i> , 2015, 29, 641-642.	1.7	13
102	Pristine carbon nanotube scaffolds for the growth of chondrocytes. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8178-8182.	5.8	13
103	CapC, a Novel Autotransporter and Virulence Factor of <i>Campylobacter jejuni</i> . <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	13
104	Protective porcine influenza virus-specific monoclonal antibodies recognize similar haemagglutinin epitopes as humans. <i>PLoS Pathogens</i> , 2021, 17, e1009330.	4.7	13
105	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.	2.5	13
106	Application of Prebiotics and Probiotics in Livestock. , 2009, , 1123-1192.		13
107	Impact of Antibiotics on the Intestinal Microbiota and on the Treatment of Shiga-toxin-Producing <i>Escherichia coli</i> and <i>Salmonella</i> Infections. <i>Current Pharmaceutical Design</i> , 2014, 20, 4535-4548.	1.9	13
108	Estimation of the impact of vaccination on faecal shedding and organ and egg contamination for <i>Salmonella</i> Enteritidis, <i>Salmonella</i> Typhimurium and monophasic <i>Salmonella</i> Typhimurium. <i>Avian Pathology</i> , 2014, 43, 155-163.	2.0	12

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109	Drinking water application of Denagard® Tiamulin for control of <i>Brachyspira pilosicoli</i> infection of laying poultry. <i>Research in Veterinary Science</i> , 2015, 103, 87-95.	1.9	12
110	The One Health European Joint Programme (OHEJP), 2018–2022: an exemplary One Health initiative. <i>Journal of Medical Microbiology</i> , 2020, 69, 1037-1039.	1.8	12
111	Identification and Characterization of a Peculiar λ -Converting Phage Frequently Present in Verocytotoxin-Producing <i>Escherichia coli</i> O157 Isolated from Human Infections. <i>Infection and Immunity</i> , 2014, 82, 3023-3032.	2.2	11
112	Mapping polyclonal antibody responses to bacterial infection using next generation phage display. <i>Scientific Reports</i> , 2016, 6, 24232.	3.3	11
113	Histopathologic differences in the endovenous laser ablation between jacketed and radial fibers, in an <i>ex vivo</i> dominant extrafascial tributary of the great saphenous vein in an <i>in vitro</i> model, using histology and immunohistochemistry. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2019, 7, 234-245.	1.6	11
114	Low pathogenic avian influenza virus infection retards colon microbiota diversification in two different chicken lines. <i>Animal Microbiome</i> , 2021, 3, 64.	3.8	11
115	Influence of geographical origin, host animal and <i>stx</i> gene on the virulence characteristics of <i>Escherichia coli</i> O26 strains. <i>Journal of Medical Microbiology</i> , 2007, 56, 1431-1439.	1.8	10
116	Manganese complex $[\text{Mn}(\text{CO})_3(\text{tpa-}^{13}\text{N})]\text{Br}$ increases antibiotic sensitivity in multidrug resistant <i>Streptococcus pneumoniae</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 594-597.	2.2	10
117	Curing vector for Inc11 plasmids and its use to provide evidence for a metabolic burden of Inc11 CTX-M-1 plasmid pIFM3791 on <i>Klebsiella pneumoniae</i> . <i>Journal of Medical Microbiology</i> , 2016, 65, 611-618.	1.8	10
118	Virulence in the chick model and stress tolerance of <i>Salmonella enterica</i> serovar Orion var. 15+. <i>International Journal of Medical Microbiology</i> , 2001, 290, 707-718.	3.6	9
119	Colonization, Persistence, and Tissue Tropism of <i>Escherichia coli</i> O26 in Conventionally Reared Weaned Lambs. <i>Applied and Environmental Microbiology</i> , 2007, 73, 691-698.	3.1	9
120	Interaction of enterohemorrhagic <i>Escherichia coli</i> O157:H7 with mouse intestinal mucosa. <i>FEMS Microbiology Letters</i> , 2008, 283, 196-202.	1.8	9
121	The metabolic impact of zinc oxide on porcine intestinal cells and enterotoxigenic <i>Escherichia coli</i> K88. <i>Livestock Science</i> , 2010, 133, 45-48.	1.6	9
122	Valproic acid protects against haemorrhagic shock-induced signalling changes via PPAR β activation in an <i>in vitro</i> model. <i>British Journal of Pharmacology</i> , 2015, 172, 5306-5317.	5.4	9
123	Antibacterial activity of $\text{Mn}(\text{CO})_3$ and $\text{Re}(\text{CO})_3$ tricarbonyl complexes conjugated to a bile acid carrier molecule. <i>Metallomics</i> , 2020, 12, 1563-1575.	2.4	9
124	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.	1.8	9
125	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.	1.8	9
126	Genomic Screening of Antimicrobial Resistance Markers in UK and US <i>Campylobacter</i> Isolates Highlights Stability of Resistance over an 18-Year Period. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0168721.	3.2	9

#	ARTICLE	IF	CITATIONS
127	Antibiotics-Free Compounds for Chronic Wound Healing. <i>Pharmaceutics</i> , 2022, 14, 1021.	4.5	9
128	Characterization of <i>Salmonella enterica</i> Contamination in Pork and Poultry Meat from S�o Paulo/Brazil: Serotypes, Genotypes and Antimicrobial Resistance Profiles. <i>Pathogens</i> , 2022, 11, 358.	2.8	8
129	Epidemic multidrug-resistant (MDR) <i>Salmonella enterica</i> serovar Newport strains contain three phage regions and a MDR resistance plasmid. <i>Environmental Microbiology Reports</i> , 2010, 2, 228-235.	2.4	7
130	�Bowel on the Bench: Proof of Concept of a Three-Stage, In Vitro Fermentation Model of the Equine Large Intestine. <i>Applied and Environmental Microbiology</i> , 2019, 86, .	3.1	7
131	Development of Loop-Mediated Isothermal Amplification Rapid Diagnostic Assays for the Detection of <i>Klebsiella pneumoniae</i> and Carbapenemase Genes in Clinical Samples. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 794961.	3.5	7
132	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.	1.9	7
133	JMM profile: Loop-mediated isothermal amplification (LAMP): for the rapid detection of nucleic acid targets in resource-limited settings. <i>Journal of Medical Microbiology</i> , 2022, 71, .	1.8	7
134	Gene expression profiles induced by <i>Salmonella</i> infection in resistant and susceptible mice. <i>Microbes and Infection</i> , 2011, 13, 383-393.	1.9	6
135	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, 1019-1028.	2.1	6
136	Host-specific differences in the contribution of an ESBL Inc11 plasmid to intestinal colonization by <i>Escherichia coli</i> O104:H4. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1579-1585.	3.0	6
137	Backward Feature Elimination for Accurate Pathogen Recognition Using Portable Electronic Nose. , 2020, , .		6
138	An Artificial Intelligence-Assisted Portable Low-Cost Device for the Rapid Detection of SARS-CoV-2. <i>Electronics (Switzerland)</i> , 2021, 10, 2065.	3.1	6
139	Changes in the Nasal Microbiota of Pigs Following Single or Co-Infection with Porcine Reproductive and Respiratory Syndrome and Swine Influenza A Viruses. <i>Pathogens</i> , 2021, 10, 1225.	2.8	6
140	<i>Brachyspira pilosicoli</i> -induced avian intestinal spirochaetosis. <i>Microbial Ecology in Health and Disease</i> , 2015, 26, 28853.	3.5	6
141	Archaeal and Bacterial Metagenome-Assembled Genome Sequences Derived from Pig Feces. <i>Microbiology Resource Announcements</i> , 2022, 11, e0114221.	0.6	6
142	Remarkable genomic diversity among <i>Escherichia coli</i> isolates recovered from healthy chickens. <i>PeerJ</i> , 2022, 10, e12935.	2.0	6
143	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, 1088-1096.	2.1	5
144	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, 269-275.	2.0	5

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145	Hay versus haylage: Forage type influences the equine urinary metabonome and faecal microbiota. <i>Equine Veterinary Journal</i> , 2022, 54, 614-625.	1.7	5
146	One Health: The importance of education and the impact of interprofessional interventions. <i>Veterinary Journal</i> , 2014, 201, 241-242.	1.7	4
147	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.	3.3	4
148	<i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> autotransporter genes exhibit lineage-associated distribution and decay. <i>BMC Genomics</i> , 2020, 21, 314.	2.8	4
149	Leptospirosis. <i>Journal of Medical Microbiology</i> , 2019, 68, 289-289.	1.8	4
150	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.	0.9	3
151	Addressing Infection Risk in Veterinary Practice through the Innovative Application of Interactive 3D Animation Methods. <i>Design Journal</i> , 2021, 24, 51-72.	0.8	3
152	Antiviral Efficacy of Metal and Metal Oxide Nanoparticles against the Porcine Reproductive and Respiratory Syndrome Virus. <i>Nanomaterials</i> , 2021, 11, 2120.	4.1	3
153	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.	3.6	2
154	Interaction between attaching-effacing <i>Escherichia coli</i> O26:K60 and O157:H7 in young lambs. <i>Research in Veterinary Science</i> , 2009, 87, 13-15.	1.9	2
155	Fibroblast-associated protein-1 α expression and BPV nucleic acid distribution in equine sarcoids. <i>Veterinary Pathology</i> , 2021, 58, 030098582110226.	1.7	2
156	Evidence of homologous recombination as a driver of diversity in <i>Brachyspira pilosicoli</i> . <i>Microbial Genomics</i> , 2020, 6, .	2.0	2
157	Galacto-Oligosaccharide has no Effect on Glucose Tolerance, inflammatory Markers or Intestinal Permeability in well-controlled Type 2 Diabetes. <i>Proceedings of the Nutrition Society</i> , 2016, 75, .	1.0	1
158	ANTIBIOTIC RESISTANCE IN <i>ESCHERICHIA COLI</i> AND <i>ENTEROCOCCUS</i> SPP. ISOLATED FROM UNGULATES AT A ZOOLOGICAL COLLECTION IN THE UNITED KINGDOM. <i>Journal of Zoo and Wildlife Medicine</i> , 2021, 51, 761-770.	0.6	1
159	Non-curliation of <i>Escherichia coli</i> O78:K80 isolates associated with IS1 insertion in <i>csgB</i> and reduced persistence in poultry infection. <i>FEMS Microbiology Letters</i> , 1999, 175, 247-253.	1.8	1
160	Improved Pathogen Recognition using Non-Euclidean Distance Metrics and Weighted kNN. , 2019, , .		1
161	Genomic characterization of enteropathogenic <i>Escherichia coli</i> (EPEC) of avian origin and rabbit ileal loop response; a pet macaw (<i>Ara chloropterus</i>) as a possible zoonotic reservoir. <i>Veterinary Quarterly</i> , 2020, 40, 331-341.	6.7	0
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