

Freddy Haesebrouck

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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.

870
papers

28,490
citations

79
h-index

117
g-index

907
ext. papers

32,673
ext. citations

3.7
avg, IF

6.91
L-index

#	Paper	IF	Citations
870	Antimicrobial growth promoters used in animal feed: effects of less well known antibiotics on gram-positive bacteria. <i>Clinical Microbiology Reviews</i> , 2003 , 16, 175-88	34	422
869	<i>Clostridium perfringens</i> in poultry: an emerging threat for animal and public health. <i>Avian Pathology</i> , 2004 , 33, 537-49	2.4	396
868	Mechanisms of egg contamination by <i>Salmonella</i> Enteritidis. <i>FEMS Microbiology Reviews</i> , 2009 , 33, 718-38	5.1	348
867	Necrotic enteritis in broilers: an updated review on the pathogenesis. <i>Avian Pathology</i> , 2011 , 40, 341-7	2.4	294
866	The use of organic acids to combat <i>Salmonella</i> in poultry: a mechanistic explanation of the efficacy. <i>Avian Pathology</i> , 2006 , 35, 182-8	2.4	279
865	<i>Flavobacterium psychrophilum</i> infections in salmonid fish. <i>Journal of Fish Diseases</i> , 2003 , 26, 563-74	2.6	264
864	Control of <i>Mycoplasma hyopneumoniae</i> infections in pigs. <i>Veterinary Microbiology</i> , 2008 , 126, 297-309	3.3	252
863	<i>Staphylococcus pseudintermedius</i> sp. nov., a coagulase-positive species from animals. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 1569-1573	2.2	240
862	Butyrate specifically down-regulates salmonella pathogenicity island 1 gene expression. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 946-9	4.8	232
861	Gastric helicobacters in domestic animals and nonhuman primates and their significance for human health. <i>Clinical Microbiology Reviews</i> , 2009 , 22, 202-23, Table of Contents	34	209
860	Columnaris disease in fish: a review with emphasis on bacterium-host interactions. <i>Veterinary Research</i> , 2013 , 44, 27	3.8	201
859	Efficacy of vaccines against bacterial diseases in swine: what can we expect?. <i>Veterinary Microbiology</i> , 2004 , 100, 255-68	3.3	187
858	<i>Butyrivibrio pullicaecorum</i> in inflammatory bowel disease. <i>Gut</i> , 2013 , 62, 1745-52	19.2	186
857	Non-typhoidal <i>Salmonella</i> infections in pigs: a closer look at epidemiology, pathogenesis and control. <i>Veterinary Microbiology</i> , 2008 , 130, 1-19	3.3	185
856	The impact of <i>Fusarium</i> mycotoxins on human and animal host susceptibility to infectious diseases. <i>Toxins</i> , 2014 , 6, 430-52	4.9	172
855	<i>Yersinia ruckeri</i> infections in salmonid fish. <i>Journal of Fish Diseases</i> , 2007 , 30, 257-68	2.6	171
854	Diversity of extended-spectrum beta-lactamases and class C beta-lactamases among cloacal <i>Escherichia coli</i> Isolates in Belgian broiler farms. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 1238-43	5.9	170

853	Poultry as a host for the zoonotic pathogen <i>Campylobacter jejuni</i> . <i>Vector-Borne and Zoonotic Diseases</i> , 2012 , 12, 89-98	2.4	169
852	Antimicrobial resistance of old and recent <i>Staphylococcus aureus</i> isolates from poultry: first detection of livestock-associated methicillin-resistant strain ST398. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 3817-9	5.9	160
851	Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) in food production animals. <i>Epidemiology and Infection</i> , 2010 , 138, 606-25	4.3	157
850	Prophylactic and metaphylactic antimicrobial use in Belgian fattening pig herds. <i>Preventive Veterinary Medicine</i> , 2012 , 106, 53-62	3.1	155
849	Broad-spectrum β -lactamases among Enterobacteriaceae of animal origin: molecular aspects, mobility and impact on public health. <i>FEMS Microbiology Reviews</i> , 2010 , 34, 295-316	15.1	148
848	Application of tRNA intergenic spacer PCR for identification of <i>Enterococcus</i> species. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 4201-7	9.7	148
847	Colonization factors of <i>Campylobacter jejuni</i> in the chicken gut. <i>Veterinary Research</i> , 2011 , 42, 82	3.8	146
846	Supplementation of coated butyric acid in the feed reduces colonization and shedding of <i>Salmonella</i> in poultry. <i>Poultry Science</i> , 2005 , 84, 1851-6	3.9	145
845	Some coagulase-negative <i>Staphylococcus</i> species affect udder health more than others. <i>Journal of Dairy Science</i> , 2011 , 94, 2329-40	4	143
844	Virulence factors of <i>Actinobacillus pleuropneumoniae</i> involved in colonization, persistence and induction of lesions in its porcine host. <i>Veterinary Research</i> , 2010 , 41, 65	3.8	142
843	Drivers of salamander extirpation mediated by <i>Batrachochytrium salamandrivorans</i> . <i>Nature</i> , 2017 , 544, 353-356	50.4	137
842	Medium-chain fatty acids decrease colonization and invasion through <i>hilA</i> suppression shortly after infection of chickens with <i>Salmonella enterica</i> serovar Enteritidis. <i>Applied and Environmental Microbiology</i> , 2004 , 70, 3582-7	4.8	137
841	Piscine mycobacteriosis: a literature review covering the agent and the disease it causes in fish and humans. <i>Veterinary Microbiology</i> , 2004 , 99, 159-66	3.3	136
840	<i>Campylobacter</i> control in poultry by current intervention measures ineffective: urgent need for intensified fundamental research. <i>Veterinary Microbiology</i> , 2011 , 152, 219-28	3.3	133
839	<i>Actinobacillus pleuropneumoniae</i> infections in pigs: the role of virulence factors in pathogenesis and protection. <i>Veterinary Microbiology</i> , 1997 , 58, 239-49	3.3	132
838	Differences in antibiotic resistance patterns of <i>Enterococcus faecalis</i> and <i>Enterococcus faecium</i> strains isolated from farm and pet animals. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 1374-8	5.9	129
837	Control of <i>Clostridium perfringens</i> -induced necrotic enteritis in broilers by target-released butyric acid, fatty acids and essential oils. <i>Avian Pathology</i> , 2010 , 39, 117-21	2.4	127
836	Presence of vancomycin-resistant enterococci in farm and pet animals. <i>Antimicrobial Agents and Chemotherapy</i> , 1996 , 40, 2285-7	5.9	126

835	Influence of water quality and temperature on adhesion of high and low virulence <i>Flavobacterium columnare</i> strains to isolated gill arches. <i>Journal of Fish Diseases</i> , 1999 , 22, 1-11	2.6	125
834	Effects of Xylo-Oligosaccharides on Broiler Chicken Performance and Microbiota. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 5880-8	4.8	121
833	Vaccination and early protection against non-host-specific <i>Salmonella</i> serotypes in poultry: exploitation of innate immunity and microbial activity. <i>Epidemiology and Infection</i> , 2005 , 133, 959-78	4.3	121
832	Composition of the enterococcal and streptococcal intestinal flora of poultry. <i>Journal of Applied Bacteriology</i> , 1991 , 71, 46-50		119
831	<i>Aspergillus</i> infections in birds: a review. <i>Avian Pathology</i> , 2010 , 39, 325-31	2.4	118
830	Update on <i>Mycoplasma hyopneumoniae</i> infections in pigs: Knowledge gaps for improved disease control. <i>Transboundary and Emerging Diseases</i> , 2018 , 65 Suppl 1, 110-124	4.2	116
829	Isolation and characterization of <i>Helicobacter suis</i> sp. nov. from pig stomachs. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1350-8	2.2	116
828	Quantification of gut lesions in a subclinical necrotic enteritis model. <i>Avian Pathology</i> , 2007 , 36, 375-82	2.4	116
827	Current perspectives on the diagnosis and epidemiology of <i>Mycoplasma hyopneumoniae</i> infection. <i>Veterinary Journal</i> , 2009 , 181, 221-31	2.5	115
826	Identification of non- <i>Helicobacter pylori</i> spiral organisms in gastric samples from humans, dogs, and cats. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 2256-60	9.7	115
825	High occurrence of methicillin-resistant <i>Staphylococcus aureus</i> ST398 in equine nasal samples. <i>Veterinary Microbiology</i> , 2009 , 133, 138-44	3.3	112
824	<i>Chlamydia psittaci</i> infections: a review with emphasis on avian chlamydiosis. <i>Veterinary Microbiology</i> , 1995 , 45, 93-119	3.3	112
823	Amphibian chytridiomycosis: a review with focus on fungus-host interactions. <i>Veterinary Research</i> , 2015 , 46, 137	3.8	111
822	Deoxynivalenol impairs hepatic and intestinal gene expression of selected oxidative stress, tight junction and inflammation proteins in broiler chickens, but addition of an adsorbing agent shifts the effects to the distal parts of the small intestine. <i>PLoS ONE</i> , 2013 , 8, e69014	3.7	110
821	<i>Actinobacillus pleuropneumoniae</i> RTX-toxins: uniform designation of haemolysins, cytolytins, pleurotoxin and their genes. <i>Journal of General Microbiology</i> , 1993 , 139, 1723-8		106
820	Colonization strategy of <i>Campylobacter jejuni</i> results in persistent infection of the chicken gut. <i>Veterinary Microbiology</i> , 2008 , 130, 285-97	3.3	104
819	Colonization of the chicken reproductive tract and egg contamination by <i>Salmonella</i> . <i>Journal of Applied Microbiology</i> , 2004 , 97, 233-45	4.7	104
818	Invited review: effect, persistence, and virulence of coagulase-negative <i>Staphylococcus</i> species associated with ruminant udder health. <i>Journal of Dairy Science</i> , 2014 , 97, 5275-93	4	102

817	Staphylococcus pseudintermedius versus Staphylococcus intermedius. <i>Veterinary Microbiology</i> , 2009 , 133, 206-7	3.3	102
816	Shieh medium supplemented with tobramycin for selective isolation of <i>Flavobacterium columnare</i> (<i>Flexibacter columnaris</i>) from diseased fish. <i>Journal of Clinical Microbiology</i> , 1997 , 35, 322-4	9.7	102
815	Composition of the enterococcal and streptococcal intestinal flora of poultry. <i>Journal of Applied Microbiology</i> , 1991 , 71, 46-50	4.7	100
814	Molecular and phenotypical characterization of <i>Clostridium perfringens</i> isolates from poultry flocks with different disease status. <i>Veterinary Microbiology</i> , 2006 , 113, 143-52	3.3	98
813	Identification and composition of the tonsillar and anal enterococcal and streptococcal flora of dogs and cats. <i>Journal of Applied Bacteriology</i> , 1992 , 73, 421-5		98
812	Microencapsulated short-chain fatty acids in feed modify colonization and invasion early after infection with <i>Salmonella enteritidis</i> in young chickens. <i>Poultry Science</i> , 2004 , 83, 69-74	3.9	97
811	Invasion of <i>Salmonella enteritidis</i> in avian intestinal epithelial cells in vitro is influenced by short-chain fatty acids. <i>International Journal of Food Microbiology</i> , 2003 , 85, 237-48	5.8	97
810	Methicillin-resistant <i>Staphylococcus aureus</i> in poultry. <i>Emerging Infectious Diseases</i> , 2009 , 15, 452-3	10.2	95
809	Coated fatty acids alter virulence properties of <i>Salmonella</i> Typhimurium and decrease intestinal colonization of pigs. <i>Veterinary Microbiology</i> , 2008 , 132, 319-27	3.3	92
808	Dynamics of immune cell infiltration in the caecal lamina propria of chickens after neonatal infection with a <i>Salmonella enteritidis</i> strain. <i>Developmental and Comparative Immunology</i> , 2002 , 26, 355-64	3.2	92
807	Identification of <i>Enterococcus</i> species isolated from foods of animal origin. <i>International Journal of Food Microbiology</i> , 1995 , 26, 187-97	5.8	91
806	Identification, typing, ecology and epidemiology of coagulase negative staphylococci associated with ruminants. <i>Veterinary Journal</i> , 2015 , 203, 44-51	2.5	90
805	The complex interplay between stress and bacterial infections in animals. <i>Veterinary Microbiology</i> , 2012 , 155, 115-27	3.3	90
804	Genotypic and phenotypic screening of high and low virulence <i>Staphylococcus aureus</i> isolates from rabbits for biofilm formation and MSCRAMMs. <i>Veterinary Microbiology</i> , 2004 , 103, 241-7	3.3	90
803	Complete nucleotide sequence of CTX-M-15-plasmids from clinical <i>Escherichia coli</i> isolates: insertional events of transposons and insertion sequences. <i>PLoS ONE</i> , 2010 , 5, e11202	3.7	87
802	Pathogenesis of <i>Salmonella enteritidis</i> phage type four after experimental infection of young chickens. <i>Veterinary Microbiology</i> , 1997 , 56, 99-109	3.3	87
801	Feed additives to control <i>Salmonella</i> in poultry. <i>World's Poultry Science Journal</i> , 2002 , 58, 501-513	3	87
800	A comparative study on the pathogenesis of egg contamination by different serotypes of <i>Salmonella</i> . <i>Avian Pathology</i> , 2008 , 37, 399-406	2.4	85

799	Biomarkers for monitoring intestinal health in poultry: present status and future perspectives. <i>Veterinary Research</i> , 2018 , 49, 43	3.8	84
798	Characterization of four <i>Flavobacterium columnare</i> (<i>Flexibacter columnaris</i>) strains isolated from tropical fish. <i>Veterinary Microbiology</i> , 1998 , 62, 35-45	3.3	83
797	Susceptibility of <i>Clostridium perfringens</i> strains from broiler chickens to antibiotics and anticoccidials. <i>Avian Pathology</i> , 2004 , 33, 3-7	2.4	83
796	Characterization of the adhesion of <i>Flavobacterium columnare</i> (<i>Flexibacter columnaris</i>) to gill tissue. <i>Journal of Fish Diseases</i> , 1999 , 22, 465-474	2.6	82
795	Evidence-based semiquantitative methodology for prioritization of foodborne zoonoses. <i>Foodborne Pathogens and Disease</i> , 2009 , 6, 1083-96	3.8	80
794	Evaluation of virulence of <i>Mycoplasma hyopneumoniae</i> field isolates. <i>Veterinary Microbiology</i> , 2003 , 97, 177-90	3.3	80
793	Butyrate production in phylogenetically diverse Firmicutes isolated from the chicken caecum. <i>Microbial Biotechnology</i> , 2011 , 4, 503-12	6.3	79
792	A review on prebiotics and probiotics for the control of dysbiosis: present status and future perspectives. <i>Animal</i> , 2015 , 9, 43-8	3.1	78
791	The cereal type in feed influences gut wall morphology and intestinal immune cell infiltration in broiler chickens. <i>British Journal of Nutrition</i> , 2009 , 102, 1453-61	3.6	78
790	Waterfowl: potential environmental reservoirs of the chytrid fungus <i>Batrachochytrium dendrobatidis</i> . <i>PLoS ONE</i> , 2012 , 7, e35038	3.7	78
789	Characterization of avian <i>Chlamydia psittaci</i> strains using omp1 restriction mapping and serovar-specific monoclonal antibodies. <i>Research in Microbiology</i> , 1997 , 148, 327-33	4	77
788	Arabinoxyloligosaccharides from wheat bran inhibit <i>Salmonella</i> colonization in broiler chickens. <i>Poultry Science</i> , 2008 , 87, 2329-34	3.9	77
787	Identification of aesculin-hydrolyzing streptococci, lactococci, aerococci and enterococci from subclinical intramammary infections in dairy cows. <i>Veterinary Microbiology</i> , 1999 , 70, 87-94	3.3	77
786	Identification and composition of the streptococcal and enterococcal flora of tonsils, intestines and faeces of pigs. <i>Journal of Applied Bacteriology</i> , 1994 , 77, 31-6		77
785	Enterococcal and streptococcal species isolated from faeces of calves, young cattle and dairy cows. <i>Journal of Applied Bacteriology</i> , 1992 , 72, 29-31		75
784	Steering Endogenous Butyrate Production in the Intestinal Tract of Broilers as a Tool to Improve Gut Health. <i>Frontiers in Veterinary Science</i> , 2015 , 2, 75	3.1	74
783	In vitro susceptibility of <i>Clostridium perfringens</i> isolated from farm animals to growth-enhancing antibiotics. <i>Journal of Applied Bacteriology</i> , 1993 , 75, 55-7		74
782	Transmission Dynamics of Methicillin-Resistant <i>Staphylococcus aureus</i> in Pigs. <i>Frontiers in Microbiology</i> , 2013 , 4, 57	5.7	73

781	Serotyping of European isolates of Chlamydia psittaci from poultry and other birds. <i>Journal of Clinical Microbiology</i> , 1993 , 31, 134-7	9.7	73
780	The mycotoxin deoxynivalenol potentiates intestinal inflammation by Salmonella typhimurium in porcine ileal loops. <i>PLoS ONE</i> , 2011 , 6, e23871	3.7	73
779	Performance of API Staph ID 32 and Staph-Zym for identification of coagulase-negative staphylococci isolated from bovine milk samples. <i>Veterinary Microbiology</i> , 2009 , 136, 300-5	3.3	72
778	High prevalence of tetracycline resistance in Enterococcus isolates from broilers carrying the erm(B) gene. <i>Avian Pathology</i> , 2007 , 36, 395-9	2.4	72
777	Quorum sensing in veterinary pathogens: mechanisms, clinical importance and future perspectives. <i>Veterinary Microbiology</i> , 2009 , 135, 187-95	3.3	71
776	Characterization of extended-spectrum beta-lactamases produced by Escherichia coli isolated from hospitalized and nonhospitalized patients: emergence of CTX-M-15-producing strains causing urinary tract infections. <i>Microbial Drug Resistance</i> , 2010 , 16, 129-34	2.9	70
775	A tolerogenic mucosal immune response leads to persistent Campylobacter jejuni colonization in the chicken gut. <i>Critical Reviews in Microbiology</i> , 2012 , 38, 17-29	7.8	70
774	The gram-positive tonsillar and nasal flora of piglets before and after weaning. <i>Journal of Applied Microbiology</i> , 2001 , 91, 997-1003	4.7	69
773	Panton-Valentine leukocidin does play a role in the early stage of Staphylococcus aureus skin infections: a rabbit model. <i>PLoS ONE</i> , 2011 , 6, e22864	3.7	69
772	Antimicrobial use in Belgian broiler production. <i>Preventive Veterinary Medicine</i> , 2012 , 105, 320-5	3.1	67
771	Salmonella enterica serovar Enteritidis genes induced during oviduct colonization and egg contamination in laying hens. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 6616-22	4.8	67
770	Intestinal mucus protects Campylobacter jejuni in the ceca of colonized broiler chickens against the bactericidal effects of medium-chain fatty acids. <i>Poultry Science</i> , 2010 , 89, 1144-55	3.9	66
769	Risk factors for ceftiofur resistance in Escherichia coli from Belgian broilers. <i>Epidemiology and Infection</i> , 2011 , 139, 765-71	4.3	66
768	Detection of non-pylori Helicobacter species in "Helicobacter heilmannii"-infected humans. <i>Helicobacter</i> , 2005 , 10, 398-406	4.9	66
767	Application and evaluation of the interlaboratory reproducibility of tRNA intergenic length polymorphism analysis (tDNA-PCR) for identification of Streptococcus species. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 1436-42	9.7	65
766	'Candidatus Helicobacter suis', a gastric helicobacter from pigs, and its phylogenetic relatedness to other gastrospirilla. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 1999 , 49 Pt 4, 1769-77	2.2	65
765	Prevalence, risk factors and genetic diversity of methicillin-resistant Staphylococcus aureus carried by humans and animals across livestock production sectors. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 1510-6	5.1	64
764	A cross-sectional study of risk factors associated with pulmonary lesions in pigs at slaughter. <i>Veterinary Journal</i> , 2011 , 187, 388-92	2.5	64

763	Origin of <i>Clostridium perfringens</i> isolates determines the ability to induce necrotic enteritis in broilers. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2009 , 32, 503-12	2.6	63
762	Antimicrobial susceptibility pattern of <i>Edwardsiella ictaluri</i> isolates from natural outbreaks of bacillary necrosis of <i>Pangasianodon hypophthalmus</i> in Vietnam. <i>Microbial Drug Resistance</i> , 2008 , 14, 311-6	2.9	63
761	<i>Butyricoccus pullicaecorum</i> gen. nov., sp. nov., an anaerobic, butyrate-producing bacterium isolated from the caecal content of a broiler chicken. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 2799-802	2.2	63
760	Comparison of transmission of <i>Mycoplasma hyopneumoniae</i> in vaccinated and non-vaccinated populations. <i>Vaccine</i> , 2006 , 24, 7081-6	4.1	63
759	Microbial shifts associated with necrotic enteritis. <i>Avian Pathology</i> , 2016 , 45, 308-12	2.4	62
758	Determination of the within and between flock prevalence and identification of risk factors for <i>Salmonella</i> infections in laying hen flocks housed in conventional and alternative systems. <i>Preventive Veterinary Medicine</i> , 2010 , 94, 94-100	3.1	62
757	Intermittent long-term shedding and induction of carrier birds after infection of chickens early posthatch with a low or high dose of <i>Salmonella enteritidis</i> . <i>Poultry Science</i> , 2004 , 83, 1911-6	3.9	62
756	Role of the humoral immune system in <i>Salmonella enteritidis</i> phage type four infection in chickens. <i>Veterinary Immunology and Immunopathology</i> , 1998 , 63, 355-67	2	61
755	Distribution of the <i>erm</i> (B) gene, tetracycline resistance genes, and Tn1545-like transposons in macrolide- and lincosamide-resistant enterococci from pigs and humans. <i>Microbial Drug Resistance</i> , 2004 , 10, 341-5	2.9	61
754	Oral immunisation of laying hens with the live vaccine strains of TAD <i>Salmonella vac E</i> and TAD <i>Salmonella vac T</i> reduces internal egg contamination with <i>Salmonella enteritidis</i> . <i>Vaccine</i> , 2006 , 24, 6250-5	4.1	59
753	In situ ESBL conjugation from avian to human <i>Escherichia coli</i> during cefotaxime administration. <i>Journal of Applied Microbiology</i> , 2011 , 110, 541-9	4.7	58
752	Morphometric evaluation of "dysbacteriosis" in broilers. <i>Avian Pathology</i> , 2011 , 40, 139-44	2.4	58
751	Cohort profile: residential and non-residential environments, individual activity spaces and cardiovascular risk factors and diseases--the RECORD Cohort Study. <i>International Journal of Epidemiology</i> , 2012 , 41, 1283-92	7.8	58
750	Butyrate protects Caco-2 cells from <i>Campylobacter jejuni</i> invasion and translocation. <i>British Journal of Nutrition</i> , 2008 , 100, 480-4	3.6	58
749	Differentiation between <i>Streptococcus gallolyticus</i> strains of human clinical and veterinary origins and <i>Streptococcus bovis</i> strains from the intestinal tracts of ruminants. <i>Journal of Clinical Microbiology</i> , 1998 , 36, 3520-3	9.7	57
748	Effect of Antimicrobial Consumption and Production Type on Antibacterial Resistance in the Bovine Respiratory and Digestive Tract. <i>PLoS ONE</i> , 2016 , 11, e0146488	3.7	57
747	In vitro growth inhibition of major mastitis pathogens by <i>Staphylococcus chromogenes</i> originating from teat apices of dairy heifers. <i>Veterinary Microbiology</i> , 2004 , 101, 215-21	3.3	56
746	The association of <i>Flavobacterium columnare</i> strains of high and low virulence with gill tissue of black mollies (<i>Poecilia sphenops</i>). <i>Veterinary Microbiology</i> , 1999 , 67, 287-98	3.3	56

745	The Probiotic Reduces Feed Conversion and Protects from Potentially Harmful Intestinal Microorganisms and Necrotic Enteritis in Broilers. <i>Frontiers in Microbiology</i> , 2016 , 7, 1416	5.7	56
744	Genomic innovations linked to infection strategies across emerging pathogenic chytrid fungi. <i>Nature Communications</i> , 2017 , 8, 14742	17.4	55
743	Developing a safe antifungal treatment protocol to eliminate <i>Batrachochytrium dendrobatidis</i> from amphibians. <i>Medical Mycology</i> , 2011 , 49, 143-9	3.9	55
742	Quantification of the spread of <i>Mycoplasma hyopneumoniae</i> in nursery pigs using transmission experiments. <i>Preventive Veterinary Medicine</i> , 2004 , 66, 265-75	3.1	54
741	Interactions of butyric acid- and acetic acid-treated <i>Salmonella</i> with chicken primary cecal epithelial cells in vitro. <i>Avian Diseases</i> , 2004 , 48, 384-91	1.6	54
740	<i>Actinobacillus pleuropneumoniae</i> infections in closed swine herds: infection patterns and serological profiles. <i>Veterinary Microbiology</i> , 2002 , 85, 343-52	3.3	54
739	Route of entry and tissue distribution of <i>Yersinia ruckeri</i> in experimentally infected rainbow trout <i>Oncorhynchus mykiss</i> . <i>Diseases of Aquatic Organisms</i> , 2009 , 84, 219-28	1.7	54
738	Stress induced <i>Salmonella</i> Typhimurium recrudescence in pigs coincides with cortisol induced increased intracellular proliferation in macrophages. <i>Veterinary Research</i> , 2011 , 42, 118	3.8	53
737	Avian <i>Aspergillus fumigatus</i> strains resistant to both itraconazole and voriconazole. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2199-201	5.9	53
736	Differentiation and identification of <i>Enterococcus durans</i> , <i>E. hirae</i> and <i>E. villorum</i> . <i>Journal of Applied Microbiology</i> , 2002 , 92, 821-7	4.7	53
735	O157:H7 and O104:H4 Vero/Shiga toxin-producing <i>Escherichia coli</i> outbreaks: respective role of cattle and humans. <i>Veterinary Research</i> , 2012 , 43, 13	3.8	52
734	Short-chain fatty acids and L-lactate as feed additives to control <i>Campylobacter jejuni</i> infections in broilers. <i>Avian Pathology</i> , 2008 , 37, 379-83	2.4	52
733	<i>Enterococcus haemoperoxidus</i> sp. nov. and <i>Enterococcus moraviensis</i> sp. nov., isolated from water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2001 , 51, 1567-1574	2.2	52
732	Epidemiology and molecular characterization of methicillin-resistant <i>Staphylococcus aureus</i> nasal carriage isolates from bovines. <i>BMC Veterinary Research</i> , 2014 , 10, 153	2.7	51
731	Antibiotic resistance among fecal indicator bacteria from healthy individually owned and kennel dogs. <i>Microbial Drug Resistance</i> , 2004 , 10, 65-9	2.9	51
730	Composition of enterococcal and streptococcal flora from pigeon intestines. <i>Journal of Applied Microbiology</i> , 2002 , 92, 348-51	4.7	51
729	Diagnosis of avian chlamydiosis: specificity of the modified Gimblez staining on smears and comparison of the sensitivity of isolation in eggs and three different cell cultures. <i>Zoonoses and Public Health</i> , 1992 , 39, 105-12		51
728	In vivo association of <i>Actinobacillus pleuropneumoniae</i> serotype 2 with the respiratory epithelium of pigs. <i>Infection and Immunity</i> , 1994 , 62, 1262-7	3.7	51

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585	A multiplex PCR to identify porcine mycoplasmas present in broth cultures. <i>Veterinary Research Communications</i> , 2006 , 30, 239-47	2.9	31
584	Patterns of Mycoplasma hyopneumoniae infections in Belgian farrow-to-finish pig herds with diverging disease-course. <i>Zoonoses and Public Health</i> , 2002 , 49, 349-53		31

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445	Peptic ulcer disease associated with <i>Helicobacter felis</i> in a dog owner. <i>European Journal of Gastroenterology and Hepatology</i> , 2007 , 19, 79-82	2.2	20
444	<i>Helicobacter felis</i> and <i>Helicobacter bizzozeronii</i> induce gastric parietal cell loss in Mongolian gerbils. <i>Microbes and Infection</i> , 2006 , 8, 503-10	9.3	20
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439	Streptococci and enterococci associated with tonsils of cattle. <i>Letters in Applied Microbiology</i> , 1993 , 16, 72-4	2.9	20
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432	Molecular epidemiology of methicillin-resistant Staphylococcus sciuri in healthy chickens. <i>Veterinary Microbiology</i> , 2014 , 171, 357-63	3.3	19
431	Dermatological diseases in lizards. <i>Veterinary Journal</i> , 2012 , 193, 38-45	2.5	19
430	Early Mycoplasma hyopneumoniae infections in European suckling pigs in herds with respiratory problems: detection rate and risk factors. <i>Veterinarni Medicina</i> , 2010 , 55, 318-324	0.7	19
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427	Multiplex PCR assay for the detection of high virulence rabbit Staphylococcus aureus strains. <i>Veterinary Microbiology</i> , 2007 , 121, 368-72	3.3	19
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425	Bacteria-host interactions of Salmonella Paratyphi B dT+ in poultry. <i>Epidemiology and Infection</i> , 2004 , 132, 239-43	4.3	19
424	Evaluation of amplified rDNA restriction analysis (ARDRA) for the identification of Mycoplasma species. <i>BMC Infectious Diseases</i> , 2005 , 5, 46	4	19
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422	Prevalence of Streptococcus bovis in racing pigeons. <i>Veterinary Quarterly</i> , 1994 , 16, 71-4	8	19

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4 ²⁰	Residues of chlortetracycline, doxycycline and sulfadiazine-trimethoprim in intestinal content and feces of pigs due to cross-contamination of feed. <i>BMC Veterinary Research</i> , 2016 , 12, 209	2.7	19
4 ¹⁹	Bipolar lophotrichous <i>Helicobacter suis</i> combine extended and wrapped flagella bundles to exhibit multiple modes of motility. <i>Scientific Reports</i> , 2018 , 8, 14415	4.9	19
4 ¹⁸	Systems Immunology Characterization of Novel Vaccine Formulations for Bacterins. <i>Frontiers in Immunology</i> , 2019 , 10, 1087	8.4	18
4 ¹⁷	Diversity in bacterium-host interactions within the species <i>Helicobacter heilmannii sensu stricto</i> . <i>Veterinary Research</i> , 2013 , 44, 65	3.8	18
4 ¹⁶	HtpG contributes to <i>Salmonella</i> Typhimurium intestinal persistence in pigs. <i>Veterinary Research</i> , 2015 , 46, 118	3.8	18
4 ¹⁵	First isolation of " <i>Brachyspira hamptonii</i> " from pigs in Europe. <i>Veterinary Record</i> , 2014 , 174, 47	0.9	18
4 ¹⁴	Effect of administration of organic acids in drinking water on faecal shedding of <i>E. coli</i> , performance parameters and health in nursery pigs. <i>Veterinary Journal</i> , 2011 , 188, 184-8	2.5	18
4 ¹³	Generation of single-copy transposon insertions in <i>Clostridium perfringens</i> by electroporation of phage mu DNA transposition complexes. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 2638-42	4.8	18
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4 ¹¹	Emergence of CTX-M-2-producing <i>Escherichia coli</i> in diseased horses: evidence of genetic exchanges of bla(CTX-M-2) linked to ISCR1. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 1289-91	5.1	18
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4 ⁰⁶	<i>Streptococcus suis</i> infections in birds. <i>Avian Pathology</i> , 1994 , 23, 721-4	2.4	18
4 ⁰⁵	<i>Enterococcus hirae</i> in different animal species. <i>Veterinary Record</i> , 1991 , 129, 391-2	0.9	18
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161	Effects of urbanization on host-pathogen interactions, using Yersinia in house sparrows as a model. <i>PLoS ONE</i> , 2017 , 12, e0189509	3.7	6
160	Presence of Helicobacter and Campylobacter species in faecal samples from zoo mammals. <i>Veterinary Microbiology</i> , 2018 , 219, 49-52	3.3	6
159	In-feed bambamycin medication induces anti-inflammatory effects and prevents parietal cell loss without influencing Helicobacter suis colonization in the stomach of mice. <i>Veterinary Research</i> , 2018 , 49, 35	3.8	6
158	Efficacy of three innovative bacterin vaccines against experimental infection with Mycoplasma hyopneumoniae. <i>Veterinary Research</i> , 2019 , 50, 91	3.8	6
157	Protective efficacy of vaccines based on the Helicobacter suis urease subunit B and Eglutamyl transpeptidase. <i>Vaccine</i> , 2013 , 31, 3250-6	4.1	6
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151	Sensitivity to disinfection of bacterial indicator organisms for monitoring the Salmonella Enteritidis status of layer farms after cleaning and disinfection. <i>Poultry Science</i> , 2011 , 90, 1185-90	3.9	6
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147	Interactions of Salmonella enterica subsp. enterica serovar Muenchen with intestinal explants of the turtle Trachemys scripta scripta. <i>Journal of Comparative Pathology</i> , 2003 , 128, 119-26	1	6
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145	Composition of the enterococcal intestinal flora of chickens in a tropical area. <i>Letters in Applied Microbiology</i> , 1994 , 19, 436-437	2.9	6
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142	and the Potential Role in Neurological Disorders: There Is More Than. <i>Frontiers in Immunology</i> , 2020 , 11, 584165	8.4	6
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140	Fecal non-aureus Staphylococci are a potential cause of bovine intramammary infection. <i>Veterinary Research</i> , 2020 , 51, 32	3.8	5
139	Prevention of egg contamination by Salmonella Enteritidis after oral vaccination of laying hens with Salmonella Enteritidis Δ olC and Δ crABacrEFmdtABC mutants. <i>Veterinary Research</i> , 2016 , 47, 82	3.8	5
138	The effect of a commercial competitive exclusion product on the selection of enrofloxacin resistance in commensal E. coli in broilers. <i>Avian Pathology</i> , 2018 , 47, 443-454	2.4	5
137	In ovo vaccination of broilers against Campylobacter jejuni using a bacterin and subunit vaccine. <i>Poultry Science</i> , 2019 , 98, 5999-6004	3.9	5
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135	Serological profiles in nursery piglets colonized with Staphylococcus aureus. <i>Veterinary Research</i> , 2013 , 44, 4	3.8	5
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130	Genotyping and antimicrobial resistance patterns of <i>Escherichia coli</i> O157 originating from cattle farms. <i>Foodborne Pathogens and Disease</i> , 2011 , 8, 719-24	3.8	5
129	Protective immunization with homologous and heterologous antigens against <i>Helicobacter suis</i> challenge in a mouse model. <i>Vaccine</i> , 2009 , 27, 1416-21	4.1	5
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127	Effect of avilamycin fed to chickens on <i>E. faecium</i> counts and on the selection of avilamycin-resistant <i>E. faecium</i> populations. <i>Microbial Drug Resistance</i> , 2005 , 11, 170-7	2.9	5
126	Outbreak of columnaris disease in tropical aquarium fish. <i>Veterinary Record</i> , 1999 , 144, 23-4	0.9	5
125	Chemiluminescence properties of porcine pulmonary alveolar macrophages and polymorphonuclear cells. <i>Veterinary Quarterly</i> , 1994 , 16, 87-90	8	5
124	Non-aureus staphylococci in fecal samples of dairy cows: First report and phenotypic and genotypic characterization. <i>Journal of Dairy Science</i> , 2019 , 102, 9345-9359	4	5
123	The impact of therapeutic-dose induced intestinal enrofloxacin concentrations in healthy pigs on fecal <i>Escherichia coli</i> populations. <i>BMC Veterinary Research</i> , 2020 , 16, 382	2.7	5
122	Antimicrobial Susceptibility of Isolates from Veal, Dairy and Beef Herds. <i>Antibiotics</i> , 2020 , 9,	4.9	5
121	Subtherapeutic tetracycline concentrations aggravate <i>Salmonella</i> Typhimurium infection by increasing bacterial virulence. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 2158-66	5.1	5
120	Vegetative <i>Bacillus amyloliquefaciens</i> cells do not confer protection against necrotic enteritis in broilers despite high antibacterial activity of its supernatant against <i>Clostridium perfringens</i> in vitro. <i>British Poultry Science</i> , 2016 , 57, 324-9	1.9	5
119	The <i>Salmonella</i> Enteritidis TolC outer membrane channel is essential for egg white survival. <i>Poultry Science</i> , 2019 , 98, 2281-2289	3.9	5
118	Short communication: Effect of freezer storage time and thawing method on the recovery of <i>Mycoplasma bovis</i> from bovine colostrum. <i>Journal of Dairy Science</i> , 2018 , 101, 609-613	4	5
117	Longitudinal study on the effects of intramammary infection with non-aureus staphylococci on udder health and milk production in dairy heifers. <i>Journal of Dairy Science</i> , 2021 , 104, 899-914	4	5
116	Comparison of quantitative PCR and MALDI-TOF mass spectrometry assays for identification of bacteria in milk samples from cows with subclinical mastitis. <i>Journal of Applied Microbiology</i> , 2019 , 127, 683-692	4.7	4

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114	Preliminary evaluation of good sampling locations on a pig carcass for livestock-associated MRSA isolation. <i>International Journal of Food Contamination</i> , 2015 , 2,	4.1	4
113	Non-specific, agar medium-related peaks can result in false positive <i>Mycoplasma alkalescens</i> and <i>Mycoplasma arginini</i> identification by MALDI-TOF MS. <i>Research in Veterinary Science</i> , 2020 , 130, 139-143	2.5	4
112	Laser capture microdissection of intestinal tissue from sea bass larvae using an optimized RNA integrity assay and validated reference genes. <i>Scientific Reports</i> , 2016 , 6, 21092	4.9	4
111	Development of a reliable experimental set-up for Dover sole larvae <i>Solea solea</i> L. and exploring the possibility of implementing this housing system in a gnotobiotic model. <i>Research in Veterinary Science</i> , 2017 , 115, 418-424	2.5	4
110	In Silico Adjuvant Design and Validation. <i>Methods in Molecular Biology</i> , 2017 , 1494, 107-125	1.4	4
109	<i>Salmonella</i> Enteritidis flagellar mutants have a colonization benefit in the chicken oviduct. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2017 , 50, 23-28	2.6	4
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106	<i>Clostridium novyi</i> type B as a causative agent of bovine meat spoilage. <i>Anaerobe</i> , 2012 , 18, 286-8	2.8	4
105	Methicillin resistant staphylococci and broad-spectrum β lactamase producing Enterobacteriaceae in horses. <i>Veterinary Microbiology</i> , 2013 , 167, 67-77	3.3	4
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67	Antimicrobial Susceptibility Patterns of <i>Arcobacter butzleri</i> and <i>Arcobacter cryaerophilus</i> Strains Isolated from Humans and Broilers. <i>Microbial Drug Resistance</i> , 2004 , 10, 243-247	2.9	3
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64	Case Report: Multidrug Resistant in a Septicemic Calf. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 631716	3.1	3
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62	Efficacy of gamithromycin against <i>Ornithobacterium rhinotracheale</i> in turkey poults pre-infected with avian metapneumovirus. <i>Avian Pathology</i> , 2016 , 45, 545-51	2.4	3

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60	Staphylococcus43-55		3
59	<i>Helicobacter</i> species binding to the human gastric mucosa.. <i>Helicobacter</i> , 2021 , e12867	4.9	3
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52	Occurrence and pathology of mycotoxins in commercial parrot feeds. <i>World Mycotoxin Journal</i> , 2013 , 6, 449-453	2.5	2
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50	Development of a gill perfusion apparatus for studying the interaction of fish pathogens with gill tissue. <i>ATLA Alternatives To Laboratory Animals</i> , 2000 , 28, 53-61	2.1	2
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47	Risico op colistineresistentie neemt toe. <i>Vlaams Diergeneeskundig Tijdschrift</i> , 2016 , 85, 36-40	0.6	2
46	Genome-Wide Association Study Reveals Genetic Markers for Antimicrobial Resistance in <i>Mycoplasma bovis</i> . <i>Microbiology Spectrum</i> , 2021 , 9, e0026221	8.9	2
45	Identification of <i>Corynebacterium glucuronolyticum</i> Strains from the Urogenital Tract of Humans and Pigs. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 1686-1686	9.7	2
44	Valid publication of the names <i>Caecibacterium</i> and <i>Caecibacterium sporiformans</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 452-453	2.2	2

43	<i>Helicobacter heilmannii</i> sp. nov., isolated from feline gastric mucosa. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1016-1016	2.2	2
42	Evaluation of Fluoroquinolone Resistance in Clinical Avian Pathogenic Isolates from Flanders (Belgium). <i>Antibiotics</i> , 2020 , 9,	4.9	2
41	Non-toxic perfringolysin O and β -toxin derivatives as potential vaccine candidates against bovine necrohaemorrhagic enteritis. <i>Veterinary Journal</i> , 2016 , 217, 89-94	2.5	2
40	Comparison of the Staphylococcal Chromosome Cassette (SCC) in Methicillin-Resistant (MRSA) and Non- Staphylococci (MRNAS) from Animals and Humans. <i>Antibiotics</i> , 2021 , 10,	4.9	2
39	Evaluation of direct Etest for antimicrobial susceptibility testing of bacteria isolated from synovial fluid of horses using enrichment bottles. <i>Veterinary Journal</i> , 2017 , 220, 55-62	2.5	1
38	Research Note: Lyophilization of hyperimmune egg yolk: effect on antibody titer and protection of broilers against <i>Campylobacter</i> colonization. <i>Poultry Science</i> , 2020 , 99, 2157-2161	3.9	1
37	Rhesus macaques are most likely the ancestral source of <i>Helicobacter suis</i> infection in pigs and not cynomolgus macaques. <i>Helicobacter</i> , 2020 , 25, e12689	4.9	1
36	Pinpointing the role of <i>Aeromonas salmonicida</i> in the development of skin ulcerations in common dab (<i>Limanda limanda</i>). <i>Journal of Fish Diseases</i> , 2020 , 43, 347-357	2.6	1
35	Clinical impact of deoxynivalenol, 3-acetyl-deoxynivalenol and 15-acetyl-deoxynivalenol on the severity of an experimental <i>Mycoplasma hyopneumoniae</i> infection in pigs. <i>BMC Veterinary Research</i> , 2018 , 14, 190	2.7	1
34	Preharvest Measures to Improve the Safety of Eggs 2017 , 259-280		1
33	In response to Arginine dehydrose and Egentiobiose cannot discriminate within the <i>Staphylococcus intermedius</i> group <i>Veterinary Microbiology</i> , 2012 , 161, 235	3.3	1
32	Chronic exposure to the mycotoxin T-2 promotes oral absorption of chlortetracycline in pigs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2013 , 36, 621-4	1.4	1
31	tDNA-PCR followed by automated fluorescent capillary electrophoresis for identification of bacterial species. <i>Cold Spring Harbor Protocols</i> , 2009 , 2009, pdb.prot5196	1.2	1
30	Internal contamination of eggs by <i>Salmonella Enteritidis</i> 2011 , 46-61		1
29	Management and sanitation procedures to control <i>Salmonella</i> in laying hen flocks 2011 , 146-162		1
28	Pathogenicity of <i>Actinobacillus minor</i> , <i>Actinobacillus indolicus</i> and <i>Actinobacillus porcicus</i> Strains for Gnotobiotic Pigelets. <i>Zoonoses and Public Health</i> , 2008 , 48, 127-131		1
27	Effect of endobronchial challenge with <i>Actinobacillus pleuropneumoniae</i> serotype 10 of pigs vaccinated with bacterins consisting of <i>A. pleuropneumoniae</i> serotype 10 grown under NAD-rich and NAD-restricted conditions. <i>Zoonoses and Public Health</i> , 2003 , 50, 289-93		1
26	Plasma Biochemistry in Pigeons Experimentally Infected with <i>Salmonella</i> . <i>Avian Diseases</i> , 2001 , 45, 467	1.6	1

25	Oxidative activity of turkey monocytes, following the inoculation with Chlamydia psittaci. <i>Veterinary Microbiology</i> , 1999 , 65, 173-84	3.3	1
24	Efficacy of inactivated whole-cell vaccines against streptococcosis in pigeons. <i>Avian Pathology</i> , 1999 , 28, 355-61	2.4	1
23	Natural and experimental Aujeszky's disease virus hepatitis in the neonatal calf. <i>Zoonoses and Public Health</i> , 1986 , 33, 502-7		1
22	Haemorrhagic enteritis in newborn calves associated with Clostridium perfringens and colostrum delivery. <i>JMM Case Reports</i> , 2015 , 2,	0.5	1
21	Presence of and DNA in Free-Range Wild Boars. <i>Animals</i> , 2021 , 11,	3.1	1
20	Protein Truncating Variants of in Type G Strains. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 645248	5.9	1
19	Transfer of Mycoplasma hyopneumoniae-specific cell mediated immunity to neonatal piglets. <i>Veterinary Research</i> , 2021 , 52, 96	3.8	1
18	Comparative genomics of Flavobacterium columnare unveils novel insights in virulence and antimicrobial resistance mechanisms. <i>Veterinary Research</i> , 2021 , 52, 18	3.8	1
17	Isolation of Burkholderia pseudomallei from a Pet Green Iguana, Belgium. <i>Emerging Infectious Diseases</i> , 2018 , 24, 2331-2333	10.2	1
16	Campylobacter and Helicobacter483-501		1
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