Isabelle Kempf

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	ResFinder 4.0 for predictions of phenotypes from genotypes. Journal of Antimicrobial Chemotherapy, 2020, 75, 3491-3500.	3.0	1,523
2	Benefits and Inputs From Lactic Acid Bacteria and Their Bacteriocins as Alternatives to Antibiotic Growth Promoters During Food-Animal Production. Frontiers in Microbiology, 2019, 10, 57.	3.5	343
3	Colistin use and colistin resistance in bacteria from animals. International Journal of Antimicrobial Agents, 2016, 48, 598-606.	2.5	194
4	The epidemiology of antibiotic resistance in Campylobacter. Microbes and Infection, 2006, 8, 1955-1966.	1.9	192
5	Extended-Spectrum β-Lactamase CTX-M-1 in Escherichia coli Isolates from Healthy Poultry in France. Applied and Environmental Microbiology, 2007, 73, 4681-4685.	3.1	133
6	What do we know about resistance to colistin in Enterobacteriaceae in avian and pig production in Europe?. International Journal of Antimicrobial Agents, 2013, 42, 379-383.	2.5	124
7	Mycoplasmoses in poultry. OIE Revue Scientifique Et Technique, 1996, 15, 1495-1525.	1.2	121
8	Copper Resistance in Enterococcus faecium, Mediated by the tcrB Gene, Is Selected by Supplementation of Pig Feed with Copper Sulfate. Applied and Environmental Microbiology, 2006, 72, 5784-5789.	3.1	106
9	Antimicrobial resistance in Campylobacter from broilers: association with production type and antimicrobial use. Veterinary Microbiology, 2003, 96, 267-276.	1.9	94
10	Evidence for natural horizontal transfer of tetO gene between Campylobacter jejuni strains in chickens. Journal of Applied Microbiology, 2004, 97, 134-140.	3.1	84
11	Prevalence and characterization of Campylobacter jejuni from chicken meat sold in French retail outlets. International Journal of Food Microbiology, 2015, 203, 8-14.	4.7	81
12	Technical specifications on harmonised monitoring of antimicrobial resistance in zoonotic and indicator bacteria from foodâ€producing animals and food. EFSA Journal, 2019, 17, e05709.	1.8	80
13	In vitro development of resistance to enrofloxacin, erythromycin, tylosin, tiamulin and oxytetracycline in Mycoplasma gallisepticum, Mycoplasma iowae and Mycoplasma synoviae. Veterinary Microbiology, 2002, 88, 47-58.	1.9	79
14	Campylobacter Antimicrobial Drug Resistance among Humans, Broiler Chickens, and Pigs, France. Emerging Infectious Diseases, 2007, 13, 259-266.	4.3	69
15	Antimicrobial susceptibility of Streptococcus suis isolated from swine in France and from humans in different countries between 1996 and 2000. Journal of Antimicrobial Chemotherapy, 2002, 50, 201-209.	3.0	66
16	Aeromonas Diversity and Antimicrobial Susceptibility in Freshwater—An Attempt to Set Generic Epidemiological Cut-Off Values. Frontiers in Microbiology, 2017, 8, 503.	3.5	64
17	Characterization of Colistin-Resistant Escherichia coli Isolated from Diseased Pigs in France. Frontiers in Microbiology, 2017, 8, 2278.	3.5	61
18	Impact of Third-Generation-Cephalosporin Administration in Hatcheries on Fecal Escherichia coli Antimicrobial Resistance in Broilers and Layers. Antimicrobial Agents and Chemotherapy, 2014, 58, 5428-5434.	3.2	59

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19	Campylobacter coli in Organic and Conventional Pig Production in France and Sweden: Prevalence and Antimicrobial Resistance. Frontiers in Microbiology, 2017, 8, 955.	3.5	45
20	Epidemiological study on Mycoplasma synoviae infection in layers. Veterinary Microbiology, 2006, 114, 148-154.	1.9	42
21	The polymerase chain reaction forMycoplasma gallisepticumdetection. Avian Pathology, 1993, 22, 739-750.	2.0	40
22	Comparison of pulsed-field gel electrophoresis with random amplified polymorphic DNA for typing of Mycoplasma synoviae. Veterinary Microbiology, 2001, 79, 1-9.	1.9	40
23	Detection of Mycoplasma synoviae in poultry environment samples by culture and polymerase chain reaction. Veterinary Microbiology, 2000, 73, 311-318.	1.9	39
24	DNA amplification methods for diagnosis and epidemiological investigations of avian mycoplasmosis. Avian Pathology, 1998, 27, 7-14.	2.0	36
25	Characterization of Mutations in DNA Gyrase and Topoisomerase IV Involved in Quinolone Resistance of Mycoplasma gallisepticum Mutants Obtained In Vitro. Antimicrobial Agents and Chemotherapy, 2002, 46, 590-593.	3.2	36
26	Antimicrobial resistance in Campylobacter strains isolated from French broilers before and after antimicrobial growth promoter bans. Journal of Antimicrobial Chemotherapy, 2004, 54, 1025-1030.	3.0	35
27	Multilocus Sequence Typing of Mycoplasma hyorhinis Strains Identified by a Real-Time TaqMan PCR Assay. Journal of Clinical Microbiology, 2014, 52, 1664-1671.	3.9	35
28	Antimicrobial Susceptibility among Urban Wastewater and Wild Shellfish Isolates of Non-O1/Non-O139 Vibrio cholerae from La Rance Estuary (Brittany, France). Frontiers in Microbiology, 2017, 8, 1637.	3.5	35
29	Efficacy of Tilmicosin in the Control of Experimental Mycoplasma Gallisepticum Infection in Chickens. Avian Diseases, 1997, 41, 802.	1.0	33
30	Characterization of plasmids harboring blaCTX-M and blaCMY genes in E. coli from French broilers. PLoS ONE, 2018, 13, e0188768.	2.5	31
31	Fluoroquinolone resistance in Mycoplasma gallisepticum: DNA gyrase as primary target of enrofloxacin and impact of mutations in topoisomerases on resistance level. Journal of Antimicrobial Chemotherapy, 2002, 50, 589-592.	3.0	30
32	Improvement in routine detection of colistin resistance in E. coli isolated in veterinary diagnostic laboratories. Journal of Microbiological Methods, 2017, 132, 125-127.	1.6	29
33	Antimicrobial Susceptibility of Autochthonous Aquatic Vibrio cholerae in Haiti. Frontiers in Microbiology, 2016, 7, 1671.	3.5	28
34	Impact of colistin sulfate treatment of broilers on the presence of resistant bacteria and resistance genes in stored or composted manure. Veterinary Microbiology, 2016, 194, 98-106.	1.9	28
35	A new multiplex realâ€time TaqMan [®] <scp>PCR</scp> for quantification of <i>Mycoplasma hyopneumoniae</i> , <i>M. hyorhinis</i> and <i>M. flocculare</i> : exploratory epidemiological investigations of areliad Microplasmal association in enzootic pneumoniaâ€like lesions in slaughtered	3.1	28
36	Comparison of genetic profiles of Campylobacter strains isolated from poultry, pig and Campylobacter human infections in Brittany, France. Pathologie Et Biologie, 2009, 57, 23-29.	2.2	27

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37	Clinical and microbial efficacy of antimicrobial treatments of experimental avian colibacillosis. Veterinary Microbiology, 2011, 149, 422-429.	1.9	27
38	Resistance Gene Transfer during Treatments for Experimental Avian Colibacillosis. Antimicrobial Agents and Chemotherapy, 2012, 56, 189-196.	3.2	27
39	Persistence of Mycoplasma synoviae in hens after two enrofloxacin treatments and detection of mutations in the parC gene. Veterinary Research, 2006, 37, 145-154.	3.0	27
40	Fitness of Macrolide Resistant <i>Campylobacter coli</i> and <i>Campylobacter jejuni</i> . Microbial Drug Resistance, 2012, 18, 101-108.	2.0	26
41	Effects of Colistin and Bacteriocins Combinations on the In Vitro Growth of Escherichia coli Strains from Swine Origin. Probiotics and Antimicrobial Proteins, 2016, 8, 183-190.	3.9	26
42	Efficacy of danofloxacin in the therapy of experimental mycoplasmosis in chicks. Research in Veterinary Science, 1992, 53, 257-259.	1.9	25
43	Disinfectant susceptibility testing of avian and swine Campylobacter isolates by a filtration method. Veterinary Microbiology, 2003, 96, 35-40.	1.9	25
44	Fitness Cost of Fluoroquinolone Resistance in <i>Campylobacter coli</i> and <i>Campylobacter jejuni</i> . Microbial Drug Resistance, 2011, 17, 171-179.	2.0	25
45	Polymerase chain reaction for detection of Mycoplasma gallisepticum in environmental samples. Avian Pathology, 2002, 31, 163-168.	2.0	23
46	A reverse transcription-PCR assay to detect viable Mycoplasma synoviae in poultry environmental samples. Veterinary Microbiology, 2002, 89, 17-28.	1.9	23
47	Longitudinal study of Escherichia coli plasmid resistance to extended-spectrum cephalosporins in free-range broilers. Veterinary Microbiology, 2018, 216, 20-24.	1.9	22
48	Persistence of Mycoplasma gallisepticum in chickens after treatment with enrofloxacin without development of resistance. Veterinary Microbiology, 2005, 106, 129-137.	1.9	21
49	Impact of two different colistin dosing strategies on healthy piglet fecal microbiota. Research in Veterinary Science, 2016, 107, 152-160.	1.9	21
50	Heterologous Biosynthesis of Five New Class II Bacteriocins From Lactobacillus paracasei CNCM I-5369 With Antagonistic Activity Against Pathogenic Escherichia coli Strains. Frontiers in Microbiology, 2020, 11, 1198.	3.5	21
51	Comparison of antigenic and pathogenic properties of Mycoplasma iowae strains and development of a pcr-based detection assay. Research in Veterinary Science, 1994, 56, 179-185.	1.9	20
52	Campylobacter jejuni: Public health hazards and potential control methods in poultry: a review. Veterinarni Medicina, 2004, 49, 441-446.	0.6	20
53	Impact of Ceftiofur Injection on Gut Microbiota and Escherichia coli Resistance in Pigs. Antimicrobial Agents and Chemotherapy, 2015, 59, 5171-5180.	3.2	20
54	Intra-Species and Inter-Species Differences in Cytokine Production by Porcine Antigen-Presenting Cells Stimulated by Mycoplasma hyopneumoniae, M. hyorhinis, and M. flocculare. Pathogens, 2019, 8, 34.	2.8	19

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55	Decrease in fluoroquinolone use in French poultry and pig production and changes in resistance among E. coli and Campylobacter. Veterinary Microbiology, 2020, 243, 108637.	1.9	19
56	Molecular Differentiation of Mycoplasma gallisepticum and Mycoplasma imitans Strains by Pulsed-Field Gel Electrophoresis and Random Amplified Polymorphic DNA. Zoonoses and Public Health, 2001, 48, 695-703.	1.4	19
57	Changes in Concentrations of Fluoroquinolones and of Ciprofloxacin-resistant <i>Enterobacteriaceae</i> in Chicken Feces and Manure Stored in a Heap. Journal of Environmental Quality, 2012, 41, 754-763.	2.0	18
58	National Prevalence of Resistance to Third-Generation Cephalosporins in Escherichia coli Isolates from Layer Flocks in France. Antimicrobial Agents and Chemotherapy, 2013, 57, 6351-6353.	3.2	18
59	Identification of Two Pathogenic Avian Mycoplasmas as Strains of Mycoplasma pullorum. International Journal of Systematic Bacteriology, 1997, 47, 171-174.	2.8	16
60	Experimental infection of chickens with an atypical mycoplasma gallisepticum strain: comparison of diagnostic methods. Research in Veterinary Science, 1997, 63, 211-213.	1.9	16
61	Effect of land application of manure from enrofloxacin-treated chickens on ciprofloxacin resistance of Enterobacteriaceae in soil. Science of the Total Environment, 2014, 482-483, 269-275.	8.0	16
62	MLST typing of Escherichia coli isolates overproducing AmpC Â-lactamase. Journal of Antimicrobial Chemotherapy, 2009, 63, 1290-1292.	3.0	15
63	First Description of an Extended-Spectrum Cephalosporin- and Fluoroquinolone-Resistant Avian PathogenicEscherichia coliClone in Algeria. Avian Diseases, 2015, 59, 20-23.	1.0	15
64	Characterization of plasmids harboring blaCTX-M genes in Escherichia coli from French pigs. Veterinary Microbiology, 2018, 224, 100-106.	1.9	15
65	Experimental evidence of indirect transmission of Mycoplasma synoviae. Veterinary Research, 2005, 36, 759-769.	3.0	15
66	Evaluation of two commercial enzymeâ€linked immunosorbent assay kits for the detection of <i>Mycoplasma gallisepticum</i> antibodies. Avian Pathology, 1994, 23, 329-338.	2.0	14
67	Persistence and Spread of <i>qnr</i> , Extended-Spectrum Beta-Lactamase, and <i>ampC</i> Resistance Genes in the Digestive Tract of Chickens. Microbial Drug Resistance, 2011, 17, 129-134.	2.0	14
68	Impact of the administration of a third-generation cephalosporin (3GC) to one-day-old chicks on the persistence of 3GC-resistant Escherichia coli in intestinal flora: An in vivo experiment. Veterinary Microbiology, 2016, 185, 29-33.	1.9	14
69	Development and validation of a new dynamic in vitro model of the piglet colon (PigutIVM): application to the study of probiotics. Applied Microbiology and Biotechnology, 2017, 101, 2533-2547.	3.6	14
70	Development of a blocking enzyme-linked immunosorbent assay for detection of turkey antibodies to Mycoplasma meleagridis. Veterinary Microbiology, 2001, 78, 275-284.	1.9	13
71	Prevalence of high-level vancomycin-resistant enterococci in French broilers and pigs. International Journal of Antimicrobial Agents, 2008, 32, 463-464.	2.5	12
72	Pathogenicity study of Mycoplasma hyorhinis and M. flocculare in specific-pathogen-free pigs pre-infected with M. hyopneumoniae. Veterinary Microbiology, 2019, 232, 50-57.	1.9	12

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73	Comparison of serological tests for detection of Mycoplasma gallisepticum antibodies in eggs and chicks hatched from experimentally infected hens. Veterinary Microbiology, 1998, 60, 207-213.	1.9	11
74	Antimicrobial resistance selection in avian pathogenic E. coli during treatment. Veterinary Microbiology, 2013, 166, 655-658.	1.9	11
75	New Bacteriocins from Lacticaseibacillus paracasei CNCM I-5369 Adsorbed on Alginate Nanoparticles Are Very Active against Escherichia coli. International Journal of Molecular Sciences, 2020, 21, 8654.	4.1	11
76	Mycoplasma Iowae:Field and laboratory studies to evaluate egg transmission in Turkeys. Avian Pathology, 1989, 18, 299-305.	2.0	10
77	Evaluation of polymerase chain reaction for detection of Mycoplasma meleagridis infection in turkeys. Veterinary Microbiology, 1997, 58, 187-193.	1.9	10
78	Effect of in-feed paromomycin supplementation on antimicrobial resistance of enteric bacteria in turkeys. Veterinary Journal, 2013, 198, 398-403.	1.7	9
79	Impact of colistin administered before or after inoculation on the transmission of a mcr-1 colistin-resistant Escherichia coli strain between pigs. Veterinary Microbiology, 2019, 230, 164-170.	1.9	9
80	Characterisation of plasmids harbouring extended-spectrum cephalosporin resistance genes in Escherichia coli from French rivers. Veterinary Microbiology, 2020, 243, 108619.	1.9	9
81	Broilers do not play a dominant role in the Campylobacter fetus contamination of humans. Journal of Medical Microbiology, 2006, 55, 1277-1278.	1.8	9
82	Dose Titration Study of Enrofloxacin (Baytril®) against Respiratory Colibacillosis in Muscovy Ducks. Avian Diseases, 1995, 39, 480.	1.0	8
83	Methicillin-resistant Staphylococcus aureus ST398 contamination and transmission in pigs after a low dose inoculation. Letters in Applied Microbiology, 2012, 54, 518-523.	2.2	8
84	Experimental study of the impact of antimicrobial treatments on Campylobacter, Enterococcus and PCR-capillary electrophoresis single-strand conformation polymorphism profiles of the gut microbiota of chickens. Journal of Medical Microbiology, 2014, 63, 1552-1560.	1.8	8
85	Rare Spontaneous Loss of Multiresistance Gene Carrying Incl/ST12 Plasmid in Escherichia coli in Pig Microbiota. Antimicrobial Agents and Chemotherapy, 2016, 60, 6046-6049.	3.2	8
86	Dissemination of the mcr-1 colistin resistance gene among pigs: An experimental study. Veterinary Microbiology, 2018, 221, 122-128.	1.9	8
87	Influence of incubation time on antimicrobial susceptibility testing of pathogenic Vibrio anguillarum and Vibrio vulnificus isolated from fish. Aquaculture, 2020, 524, 735258.	3.5	8
88	<i>Mycoplasma gallisepticum</i> Infection in Drugâ€ŧreated Chickens: Comparison of Diagnosis Methods Including Polymerase Chain Reaction. Zoonoses and Public Health, 1994, 41, 597-602.	1.4	7
89	Efficacy of Difloxacin in Growing Broiler Chickens for the Control of Infection due to Pathogenic <i>Mycoplasma gallisepticum</i> . Zoonoses and Public Health, 1998, 45, 305-310.	1.4	7
90	Utility of an internal control for evaluation of a Mycoplasma meleagridis PCR test Veterinary Microbiology, 1998, 61, 41-49.	1.9	7

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91	Antigen heterogeneity and epitope variable expression in Mycoplasma meleagridis isolates. Veterinary Microbiology, 2001, 78, 261-273.	1.9	7
92	Comparison of Adhesion, Invasion, Motility, and Toxin Production of <i>Campylobacter</i> Strains and Their Resistant Mutants. Microbial Drug Resistance, 2013, 19, 130-137.	2.0	7
93	Quantification of Pasteurella multocida in experimentally infected pigs using a real-time PCR assay. Research in Veterinary Science, 2017, 112, 177-184.	1.9	7
94	Escherichia coli Probiotic Strain ED1a in Pigs Has a Limited Impact on the Gut Carriage of Extended-Spectrum-β-Lactamase-Producing E. coli. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	7
95	Investigation on eggshell apex abnormality (EAA) syndrome in France: isolation of Mycoplasma synoviae is frequently associated with Mycoplasma pullorum. BMC Veterinary Research, 2020, 16, 271.	1.9	7
96	Evaluation of resistance gene transfer from heat-treated Escherichia coli. International Journal of Food Microbiology, 2018, 270, 39-43.	4.7	6
97	Development of a pig infection model with colistin-resistant Escherichia coli. Veterinary Microbiology, 2018, 226, 81-88.	1.9	6
98	Mycoplasma. , 0, , 239-248.		6
99	Diversity of Escherichia coli strains isolated from day-old broiler chicks, their environment and colibacillosis lesions in 80 flocks in France. Veterinary Microbiology, 2021, 252, 108923.	1.9	6
100	Isolation and characterisation of a mycoplasma from a kittiwake (<i>Rissa tridactyla</i>). Veterinary Record, 2000, 146, 168-168.	0.3	4
101	Susceptibility of Campylobacter isolates from river water in Brittany, France. International Journal of Antimicrobial Agents, 2012, 40, 84-85.	2.5	3
102	Impact of colistin and colistin-loaded on alginate nanoparticles on pigs infected with a colistin-resistant enterotoxigenic Escherichia coli strain. Veterinary Microbiology, 2022, 266, 109359.	1.9	3
103	Efficacy of passive immunization in broiler chicks via an inactivated <i>Escherichia coli</i> autogenous vaccine administered to broiler breeder hens. Avian Pathology, 2022, 51, 445-456.	2.0	3
104	Comment on "Impact of antibiotic use in the swine industryâ€ , by Mary D. Barton [Curr. Opin. Microbiol. 19 (June 2014) 9–15]. Current Opinion in Microbiology, 2015, 26, 137-138.	5.1	2
105	Virulence Genes in Expanded-Spectrum-Cephalosporin-Resistant and -Susceptible Escherichia coli Isolates from Treated and Untreated Chickens. Antimicrobial Agents and Chemotherapy, 2016, 60, 1874-1877.	3.2	2
106	Resistance to Antibiotics and Antimicrobial Peptides. , 2017, , 1-22.		2
107	Enhancing Colistin Activity against Colistin-Resistant Escherichia coli through Combination with Alginate Nanoparticles and Small Molecules. Pharmaceuticals, 2022, 15, 682.	3.8	2
108	Observations expérimentales relatives à la spécificité de l'agglutination rapide sur lame pour le dépistage des mycoplasmoses aviaires. Bulletin De L'Academie Veterinaire De France, 1992, 145, 317.	0.0	1

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109	Molecular Differentiation of <i>Mycoplasma gallisepticum</i> and <i>Mycoplasma imitans</i> Strains by Pulsedâ€Field Gel Electrophoresis and Random Amplified Polymorphic DNA. Zoonoses and Public Health, 2001, 48, 695-703.	1.4	1
110	Genomic polymorphism of Mycoplasma flocculare revealed by a newly developed multilocus sequence typing scheme. Veterinary Microbiology, 2019, 237, 108422.	1.9	1
111	Variations of the Escherichia coli population in the digestive tract of broilers. Avian Pathology, 2020, 49, 678-688.	2.0	1
112	Impact of Escherichia coli probiotic strains ED1a and Nissle 1917 on the excretion and gut carriage of extended-spectrum beta-lactamase-producing E. coli in pigs. Veterinary and Animal Science, 2021, 14, 100217.	1.5	1
113	Commentary to the paper entitled "Increased incidence of Campylobacter enteritis and their quinolone resistance between 2010 and 2015: Results of a French national observatory conducted in 21 general hospitals (CHG)â€. Clinics and Research in Hepatology and Gastroenterology, 2019, 43, e37-e38.	1.5	0