

Vincent Perreten

List of Publications by Year in descending order

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196
papers

7,625
citations

47004

47
h-index

69246

77
g-index

204
all docs

204
docs citations

204
times ranked

6986
citing authors

#	ARTICLE	IF	CITATIONS
1	Clonal spread of methicillin-resistant <i>Staphylococcus pseudintermedius</i> in Europe and North America: an international multicentre study. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1145-1154.	3.0	391
2	A New Sulfonamide Resistance Gene (<i>sul3</i>) in <i>Escherichia coli</i> Is Widespread in the Pig Population of Switzerland. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 1169-1172.	3.2	281
3	Microarray-Based Detection of 90 Antibiotic Resistance Genes of Gram-Positive Bacteria. <i>Journal of Clinical Microbiology</i> , 2005, 43, 2291-2302.	3.9	258
4	Antibiotic resistance spread in food. <i>Nature</i> , 1997, 389, 801-802.	27.8	234
5	Extended-spectrum cephalosporin-resistant gram-negative organisms in livestock: An emerging problem for human health?. <i>Drug Resistance Updates</i> , 2013, 16, 22-45.	14.4	226
6	Antibiotic susceptibility patterns and resistance genes of starter cultures and probiotic bacteria used in food. <i>Systematic and Applied Microbiology</i> , 2006, 29, 145-155.	2.8	171
7	Differentiation of IncL and IncM Plasmids Associated with the Spread of Clinically Relevant Antimicrobial Resistance. <i>PLoS ONE</i> , 2015, 10, e0123063.	2.5	169
8	Sequence of the 50-kb Conjugative Multiresistance Plasmid pRE25 from <i>Enterococcus faecalis</i> RE25. <i>Plasmid</i> , 2001, 46, 170-187.	1.4	159
9	Human infection associated with methicillin-resistant <i>Staphylococcus pseudintermedius</i> ST71. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 2047-2048.	3.0	154
10	Presence of New <i>mecA</i> and <i>mph</i> (C) Variants Conferring Antibiotic Resistance in <i>Staphylococcus</i> spp. Isolated from the Skin of Horses before and after Clinic Admission. <i>Journal of Clinical Microbiology</i> , 2006, 44, 4444-4454.	3.9	153
11	Guidelines for Reporting Novel <i>mecA</i> Gene Homologues. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4997-4999.	3.2	144
12	Emergence of methicillin resistance predates the clinical use of antibiotics. <i>Nature</i> , 2022, 602, 135-141.	27.8	138
13	Characterization of New Staphylococcal Cassette Chromosome <i>mec</i> (SCC <i>mec</i>) and Topoisomerase Genes in Fluoroquinolone- and Methicillin-Resistant <i>Staphylococcus pseudintermedius</i> . <i>Journal of Clinical Microbiology</i> , 2008, 46, 1818-1823.	3.9	137
14	Genetic characterization of antimicrobial resistance in coagulase-negative staphylococci from bovine mastitis milk. <i>Journal of Dairy Science</i> , 2013, 96, 2247-2257.	3.4	121
15	Multilocus Sequence Typing for Characterization of <i>Staphylococcus pseudintermedius</i> . <i>Journal of Clinical Microbiology</i> , 2013, 51, 306-310.	3.9	114
16	International <i>Clostridium difficile</i> animal strain collection and large diversity of animal associated strains. <i>BMC Microbiology</i> , 2014, 14, 173.	3.3	105
17	Comparison of Antibiotic Resistance of Udder Pathogens in Dairy Cows Kept on Organic and on Conventional Farms. <i>Journal of Dairy Science</i> , 2006, 89, 989-997.	3.4	96
18	<i>Acinetobacter baumannii</i> isolates from pets and horses in Switzerland: molecular characterization and clinical data. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2248-2254.	3.0	92

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19	Prevalence, genetic diversity and antimicrobial susceptibility of <i>Listeria monocytogenes</i> isolated from open-air food markets in Greece. <i>Food Control</i> , 2009, 20, 314-317.	5.5	88
20	Emergence of Linezolid-Resistant <i>Staphylococcus aureus</i> after Prolonged Treatment of Cystic Fibrosis Patients in Cleveland, Ohio. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1684-1692.	3.2	88
21	Travelers Can Import Colistin-Resistant Enterobacteriaceae, Including Those Possessing the Plasmid-Mediated <i>mcr-1</i> Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5080-5084.	3.2	81
22	Novel methicillin resistance gene <i>mecD</i> in clinical <i>Micrococcus caseolyticus</i> strains from bovine and canine sources. <i>Scientific Reports</i> , 2017, 7, 43797.	3.3	81
23	Clinical and molecular features of methicillin-resistant, coagulase-negative staphylococci of pets and horses. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1256-1266.	3.0	79
24	Genetic Diversity and Ecological Success of <i>Staphylococcus aureus</i> Strains Colonizing Humans. <i>Applied and Environmental Microbiology</i> , 2009, 75, 175-183.	3.1	72
25	New Transposon Tn <i>6133</i> in Methicillin-Resistant <i>Staphylococcus aureus</i> ST398 Contains <i>vga</i> (E), a Novel Streptogramin A, Pleuromutilin, and Lincosamide Resistance Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4900-4904.	3.2	72
26	Antibiotic resistance in <i>Lactococcus</i> species from bovine milk: Presence of a mutated multidrug transporter <i>mdt(A)</i> gene in susceptible <i>Lactococcus garvieae</i> strains. <i>Veterinary Microbiology</i> , 2008, 131, 348-357.	1.9	68
27	First Report of OXA-23-Mediated Carbapenem Resistance in Sequence Type 2 Multidrug-Resistant <i>Acinetobacter baumannii</i> Associated with Urinary Tract Infection in a Cat. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1267-1268.	3.2	68
28	Molecular analysis of methicillin-resistant <i>Staphylococcus pseudintermedius</i> of feline origin from different European countries and North America. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1826-1828.	3.0	67
29	A <i>Staphylococcus xylosus</i> Isolate with a New <i>mecC</i> Allotype. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1524-1528.	3.2	67
30	Colistin Resistance Gene <i>mcr-1</i> in Avian-Pathogenic <i>Escherichia coli</i> in South Africa. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4414-4415.	3.2	66
31	<i>Mdt(A)</i> , a New Efflux Protein Conferring Multiple Antibiotic Resistance in <i>Lactococcus lactis</i> and <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1109-1114.	3.2	65
32	<i>Acinetobacter</i> in veterinary medicine, with an emphasis on <i>Acinetobacter baumannii</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2019, 16, 59-71.	2.2	65
33	Evolutionary Origin of the Staphylococcal Cassette Chromosome <i>mec</i> (SCC <i>mec</i>). <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	64
34	Evidence for the evolutionary steps leading to <i>mecA</i> -mediated β -lactam resistance in staphylococci. <i>PLoS Genetics</i> , 2017, 13, e1006674.	3.5	63
35	Antibiotic Resistance Genes in Coagulase-negative Staphylococci Isolated from Food. <i>Systematic and Applied Microbiology</i> , 1998, 21, 113-120.	2.8	61
36	Two Novel Antibiotic Resistance Genes, <i>tet</i> (44) and <i>ant(6)-Ib</i> , Are Located within a Transferable Pathogenicity Island in <i>Campylobacter fetus</i> subsp. <i>fetus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3052-3055.	3.2	61

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37	Evolution of Multidrug-Resistant <i>Staphylococcus aureus</i> Infections in Horses and Colonized Personnel in an Equine Clinic Between 2005 and 2010. <i>Microbial Drug Resistance</i> , 2011, 17, 471-478.	2.0	61
38	European multicenter study on antimicrobial resistance in bacteria isolated from companion animal urinary tract infections. <i>BMC Veterinary Research</i> , 2016, 12, 213.	1.9	61
39	The increase of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) and the presence of an unusual sequence type ST49 in slaughter pigs in Switzerland. <i>BMC Veterinary Research</i> , 2011, 7, 30.	1.9	58
40	Emergence of <i>Klebsiella pneumoniae</i> co-producing NDM-1, OXA-48, CTX-M-15, CMY-16, QnrA and ArmA in Switzerland. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 260-262.	2.5	56
41	Heterogeneous Genetic Location of <i>mcr-1</i> in Colistin-Resistant <i>Escherichia coli</i> Isolates from Humans and Retail Chicken Meat in Switzerland: Emergence of <i>mcr-1</i> -Carrying IncK2 Plasmids. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	56
42	Antimicrobial resistance profile of <i>Actinobacillus pleuropneumoniae</i> and <i>Actinobacillus porciconsillarum</i> . <i>Veterinary Microbiology</i> , 2007, 122, 146-156.	1.9	55
43	Antibiotic Resistance and Phylogenetic Characterization of <i>Acinetobacter baumannii</i> Strains Isolated from Commercial Raw Meat in Switzerland. <i>Journal of Food Protection</i> , 2014, 77, 1976-1981.	1.7	54
44	Novel Pseudo-Staphylococcal Cassette Chromosome <i>mec</i> Element (ϕ SCC <i>mec</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Agents and Chemotherapy, 2013, 57, 5509-5515.	3.2	53
45	Strain typing and antimicrobial susceptibility of methicillin-resistant coagulase-positive staphylococcal species in dogs and people associated with dogs in Thailand. <i>Journal of Applied Microbiology</i> , 2014, 117, 572-586.	3.1	53
46	Characterisation and clinical features of <i>Enterobacter cloacae</i> bloodstream infections occurring at a tertiary care university hospital in Switzerland: is cefepime adequate therapy?. <i>International Journal of Antimicrobial Agents</i> , 2013, 41, 236-249.	2.5	51
47	Extended-spectrum cephalosporin-resistant <i>Escherichia coli</i> in community, specialized outpatient clinic and hospital settings in Switzerland. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2249-2254.	3.0	51
48	Environmental dissemination of carbapenemase-producing <i>Enterobacteriaceae</i> in rivers in Switzerland. <i>Environmental Pollution</i> , 2020, 265, 115081.	7.5	51
49	First Staphylococcal Cassette Chromosome <i>mec</i> Containing a <i>mecB</i> -Carrying Gene Complex Independent of Transposon Tn <i>6045</i> in a <i>Macrococcus caseolyticus</i> Isolate from a Canine Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4577-4583.	3.2	50
50	Molecular structure and evolution of the conjugative multiresistance plasmid pRE25 of <i>Enterococcus faecalis</i> isolated from a raw-fermented sausage. <i>International Journal of Food Microbiology</i> , 2003, 88, 325-329.	4.7	48
51	Plasmids Carrying <i>bla</i> CMY-2/4 in <i>Escherichia coli</i> from Poultry, Poultry Meat, and Humans Belong to a Novel IncK Subgroup Designated IncK2. <i>Frontiers in Microbiology</i> , 2017, 08, 407.	3.5	48
52	Role for Tandem Duplication and Lon Protease in AcrAB-TolC- Dependent Multiple Antibiotic Resistance (Mar) in an <i>Escherichia coli</i> Mutant without Mutations in <i>marRAB</i> or <i>acrRAB</i> . <i>Journal of Bacteriology</i> , 2006, 188, 4413-4423.	2.2	47
53	Occurrence and Genetic Characteristics of Third-Generation Cephalosporin-Resistant <i>Escherichia coli</i> in Swiss Retail Meat. <i>Microbial Drug Resistance</i> , 2014, 20, 485-494.	2.0	47
54	First countrywide survey of third-generation cephalosporin-resistant <i>Escherichia coli</i> from broilers, swine, and cattle in Switzerland. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 31-38.	1.8	46

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55	Shedding of OXA-181 carbapenemase-producing <i>Escherichia coli</i> from companion animals after hospitalisation in Switzerland: an outbreak in 2018. <i>Eurosurveillance</i> , 2019, 24, .	7.0	46
56	OXA-48 Carbapenemase-Producing <i>Salmonella enterica</i> Serovar Kentucky Isolate of Sequence Type 198 in a Patient Transferred from Libya to Switzerland. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2446-2449.	3.2	45
57	<i>Macrocooccus canis</i> sp. nov., a skin bacterium associated with infections in dogs. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 621-626.	1.7	45
58	Increased Genome Instability in <i>Escherichia coli</i> lon Mutants: Relation to Emergence of Multiple-Antibiotic-Resistant (Mar) Mutants Caused by Insertion Sequence Elements and Large Tandem Genomic Amplifications. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1293-1303.	3.2	44
59	Neglected zoonotic agents in cattle abortion: tackling the difficult to grow bacteria. <i>BMC Veterinary Research</i> , 2017, 13, 373.	1.9	44
60	Antibiotic-induced expression of a cryptic <i>cpb2</i> gene in equine β -toxicogenic <i>Clostridium perfringens</i> . <i>Molecular Microbiology</i> , 2005, 57, 1570-1581.	2.5	42
61	The carbapenemase threat in the animal world: the wrong culprit. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2007-2008.	3.0	40
62	A novel universal DNA labeling and amplification system for rapid microarray-based detection of 117 antibiotic resistance genes in Gram-positive bacteria. <i>Journal of Microbiological Methods</i> , 2015, 108, 25-30.	1.6	39
63	Antibiotic Susceptibility and Molecular Diversity of <i>Bacillus anthracis</i> Strains in Chad: Detection of a New Phylogenetic Subgroup. <i>Journal of Clinical Microbiology</i> , 2006, 44, 3422-3425.	3.9	38
64	Third-Generation-Cephalosporin-Resistant <i>Klebsiella pneumoniae</i> Isolates from Humans and Companion Animals in Switzerland: Spread of a DHA-Producing Sequence Type 11 Clone in a Veterinary Setting. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2949-2955.	3.2	38
65	Conjugal Transfer of the Tn916-like Transposon TnFO1 from <i>Enterococcus faecalis</i> Isolated from Cheese to Other Gram-positive Bacteria. <i>Systematic and Applied Microbiology</i> , 1997, 20, 27-38.	2.8	37
66	The Novel Macrolide-Lincosamide-Streptogramin B Resistance Gene <i>erm</i> (44) Is Associated with a Prophage in <i>Staphylococcus xylosus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6133-6138.	3.2	37
67	New MLS _B Resistance Gene <i>erm</i> (43) in <i>Staphylococcus lentus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4746-4752.	3.2	35
68	Tn6198, a novel transposon containing the trimethoprim resistance gene <i>dfrG</i> embedded into a Tn916 element in <i>Listeria monocytogenes</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 986-991.	3.0	35
69	<i>Macrocooccus canis</i> and <i>M. caseolyticus</i> in dogs: occurrence, genetic diversity and antibiotic resistance. <i>Veterinary Dermatology</i> , 2017, 28, 559.	1.2	35
70	Evaluation of a New Commercial Microarray Platform for the Simultaneous Detection of β -Lactamase and <i>mcr-1</i> and <i>mcr-2</i> Genes in Enterobacteriaceae. <i>Journal of Clinical Microbiology</i> , 2017, 55, 3138-3141.	3.9	33
71	High Prevalence of Extended-Spectrum-Cephalosporin-Resistant Enterobacteriaceae in Poultry Meat in Switzerland: Emergence of CMY-2- and VEB-6-Possessing <i>Proteus mirabilis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 6406-6408.	3.2	32
72	Genetic Relatedness, Antimicrobial and Biocide Susceptibility Comparative Analysis of Methicillin-Resistant and -Susceptible <i>Staphylococcus pseudintermedius</i> from Portugal. <i>Microbial Drug Resistance</i> , 2014, 20, 364-371.	2.0	32

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73	Emergence of Extensively Drug-Resistant Haemophilus parainfluenzae in Switzerland. Antimicrobial Agents and Chemotherapy, 2013, 57, 2867-2869.	3.2	31
74	Emergence of methicillin-resistant Staphylococcus pseudintermedius in Switzerland: Three cases of urinary tract infections in cats. Schweizer Archiv Fur Tierheilkunde, 2008, 150, 339-343.	0.8	31
75	Transposon-associated lincosamide resistance Inu (C) gene identified in Brachyspira hyodysenteriae ST83. Veterinary Microbiology, 2018, 214, 51-55.	1.9	30
76	Low Rate of Methicillin-Resistant Coagulase-Positive Staphylococcal Colonization of Veterinary Personnel in Hong Kong. Zoonoses and Public Health, 2011, 58, 36-40.	2.2	29
77	The New Macrolide-Lincosamide-Streptogramin B Resistance Gene erm(45) Is Located within a Genomic Island in Staphylococcus fleurettii. Antimicrobial Agents and Chemotherapy, 2015, 59, 3578-3581.	3.2	29
78	Short-term increase in prevalence of nasopharyngeal carriage of macrolide-resistant Staphylococcus aureus following mass drug administration with azithromycin for trachoma control. BMC Microbiology, 2017, 17, 75.	3.3	29
79	Poor infection prevention and control standards are associated with environmental contamination with carbapenemase-producing Enterobacterales and other multidrug-resistant bacteria in Swiss companion animal clinics. Antimicrobial Resistance and Infection Control, 2020, 9, 93.	4.1	29
80	Improving the quality and workflow of bacterial genome sequencing and analysis: paving the way for a Switzerland-wide molecular epidemiological surveillance platform. Swiss Medical Weekly, 2018, 148, w14693.	1.6	28
81	Employees of Swiss veterinary clinics colonized with epidemic clones of carbapenemase-producing Escherichia coli. Journal of Antimicrobial Chemotherapy, 2020, 75, 766-768.	3.0	27
82	Distribution and Genetic Variability Among Campylobacter spp. Isolates from Different Animal Species and Humans in Switzerland. Zoonoses and Public Health, 2007, 54, 2-7.	2.2	26
83	Longitudinal study on the colonisation and transmission of methicillin-resistant Staphylococcus aureus in pig farms. Veterinary Microbiology, 2016, 183, 125-134.	1.9	26
84	Bacillus anthracis Diversity and Geographic Potential across Nigeria, Cameroon and Chad: Further Support of a Novel West African Lineage. PLoS Neglected Tropical Diseases, 2015, 9, e0003931.	3.0	26
85	Molecular Epidemiology of Bacillus anthracis : Determining the Correct Origin. Applied and Environmental Microbiology, 2008, 74, 2928-2931.	3.1	25
86	Letter to the Editor: Methicillin-Resistant Staphylococcus epidermidis in Organic Milk Production. Journal of Dairy Science, 2007, 90, 5351.	3.4	24
87	Bovine Bacillus anthracis in Cameroon. Applied and Environmental Microbiology, 2011, 77, 5818-5821.	3.1	24
88	New Shuttle Vector-Based Expression System To Generate Polyhistidine-Tagged Fusion Proteins in Staphylococcus aureus and Escherichia coli. Applied and Environmental Microbiology, 2015, 81, 3243-3254.	3.1	24
89	Small multidrug resistance plasmids in Actinobacillus porciconsillarum. Plasmid, 2008, 59, 144-152.	1.4	22
90	Characterization of a Novel Composite Staphylococcal Cassette Chromosome <i>mecA</i> in Methicillin-Resistant Staphylococcus pseudintermedius from Thailand. Antimicrobial Agents and Chemotherapy, 2016, 60, 1153-1157.	3.2	22

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91	Multidrug resistance and multivirulence plasmids in enterotoxigenic and hybrid Shiga toxin-producing/enterotoxigenic <i>Escherichia coli</i> isolated from diarrheic pigs in Switzerland. <i>Veterinary Journal</i> , 2019, 244, 60-68.	1.7	22
92	OXA-181-Producing Extraintestinal Pathogenic <i>Escherichia coli</i> Sequence Type 410 Isolated from a Dog in Portugal. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	22
93	Complete Genome Sequences of Three Important Methicillin-Resistant Clinical Isolates of <i>Staphylococcus pseudintermedius</i> . <i>Genome Announcements</i> , 2016, 4, .	0.8	21
94	Novel β -Lactamase <i>bla</i> _{ARL} in <i>Staphylococcus arlettae</i> . <i>MSphere</i> , 2017, 2, .	2.9	21
95	Nasal carriage of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) among Swiss veterinary health care providers: Detection of livestock- and healthcare-associated clones. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2014, 156, 317-325.	0.8	21
96	Differential Ability of Bovine Antimicrobial Cathelicidins to Mediate Nucleic Acid Sensing by Epithelial Cells. <i>Frontiers in Immunology</i> , 2017, 8, 59.	4.8	20
97	Characterization of Staphylococcal Cassette Chromosome <i>mec</i> Elements from Methicillin-Resistant <i>Staphylococcus pseudintermedius</i> Infections in Australian Animals. <i>MSphere</i> , 2018, 3, .	2.9	20
98	Antibiotic resistance and genetic diversity in <i>Staphylococcus aureus</i> from slaughter pigs in Switzerland. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2009, 151, 425-431.	0.8	20
99	Effects of the novel concept "outdoor veal calf"™ on antimicrobial use, mortality and weight gain in Switzerland. <i>Preventive Veterinary Medicine</i> , 2020, 176, 104907.	1.9	19
100	Antimicrobial susceptibility of gram-positive udder pathogens from bovine mastitis milk in Switzerland. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2013, 155, 339-350.	0.8	19
101	Pathotyping and antibiotic resistance of porcine enterovirulent <i>Escherichia coli</i> strains from Switzerland (2014-2015). <i>Schweizer Archiv Fur Tierheilkunde</i> , 2017, 159, 373-380.	0.8	19
102	Bacterial, fungal, parasitological and pathological analyses of abortions in small ruminants from 2012-2016. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2017, 159, 647-656.	0.8	19
103	Genetic diversity in fluoroquinolone and macrolide-resistant <i>Campylobacter coli</i> from pigs. <i>Veterinary Microbiology</i> , 2006, 113, 103-108.	1.9	18
104	<i>Staphylococcus rostri</i> sp. nov., a haemolytic bacterium isolated from the noses of healthy pigs. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2042-2047.	1.7	18
105	<i>Escherichia coli</i> Producing CMY-2 β -Lactamase in Bovine Mastitis Milk. <i>Journal of Food Protection</i> , 2012, 75, 137-138.	1.7	18
106	Enhanced antibiotic multi-resistance in nasal and faecal bacteria after agricultural use of streptomycin. <i>Environmental Microbiology</i> , 2013, 15, 297-304.	3.8	18
107	New Macrolide-Lincosamide-Streptogramin B Resistance Gene <i>erm</i> (48) on the Novel Plasmid pJW2311 in <i>Staphylococcus xylosus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	18
108	Amplicon sequencing of bacterial microbiota in abortion material from cattle. <i>Veterinary Research</i> , 2017, 48, 64.	3.0	18

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109	Acquisition and carriage of multidrug-resistant organisms in dogs and cats presented to small animal practices and clinics in Switzerland. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 970-979.	1.6	18
110	<i>Macrocooccus canis</i> contains recombinogenic methicillin resistance elements and the <i>mecB</i> plasmid found in <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2531-2536.	3.0	17
111	<i>Staphylococcus ursi</i> sp. nov., a new member of the "Staphylococcus intermedius group"™ isolated from healthy black bears. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 4637-4645.	1.7	17
112	Methicillin-resistant <i>Staphylococcus aureus</i> isolated from dogs and cats in Switzerland. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2016, 158, 443-450.	0.8	17
113	Carbapenemase-producing <i>Klebsiella pneumoniae</i> strains in Switzerland: human and non-human settings may share high-risk clones. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 28, 206-215.	2.2	17
114	Antibiotic resistance profile of <i>Staphylococcus rostri</i> , a new species isolated from healthy pigs. <i>Veterinary Microbiology</i> , 2010, 145, 165-171.	1.9	16
115	Short communication: Role of <i>Streptococcus pluranimalium</i> in Mediterranean buffaloes (<i>Bubalus</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	3.4	16
116	Two high-risk clones of carbapenemase-producing <i>Klebsiella pneumoniae</i> that cause infections in pets and are present in the environment of a veterinary referral hospital. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1140-1149.	3.0	16
117	<i>Macrocooccus armenti</i> sp. nov., a novel bacterium isolated from the skin and nasal cavities of healthy pigs and calves. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	16
118	Bacterial infections in horses: A retrospective study at the University Equine Clinic of Bern. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2010, 152, 176-182.	0.8	15
119	Molecular Characterization and Antimicrobial Resistance of Livestock-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Isolates from Pigs and Swine Workers in Central Thailand. <i>Microbial Drug Resistance</i> , 2019, 25, 1382-1389.	2.0	15
120	Antimicrobial susceptibility of canine <i>Clostridium perfringens</i> strains from Switzerland. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2012, 154, 247-250.	0.8	14
121	Evaluation of PCR electrospray-ionization mass spectrometry for rapid molecular diagnosis of bovine mastitis. <i>Journal of Dairy Science</i> , 2013, 96, 3611-3620.	3.4	13
122	Complete Genome Sequence of the Type Strain of <i>Macrocooccus canis</i> . <i>Genome Announcements</i> , 2018, 6, .	0.8	13
123	Non-aureus Staphylococci Species in the Teat Canal and Milk in Four Commercial Swiss Dairy Herds. <i>Frontiers in Veterinary Science</i> , 2019, 6, 186.	2.2	13
124	PFM-Like Enzymes Are a Novel Family of Subclass B2 Metallo- β -Lactamases from <i>Pseudomonas synxantha</i> Belonging to the <i>Pseudomonas fluorescens</i> Complex. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	13
125	The <i>bla</i> and <i>mec</i> families of β -lactam resistance genes in the genera <i>Macrocooccus</i> , <i>Mammaliicoccus</i> and <i>Staphylococcus</i> : an in-depth analysis with emphasis on <i>Macrocooccus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 1796-1827.	3.0	13
126	<i>Arsenicococcus dermatophilus</i> sp. nov., a hypha-forming bacterium isolated from the skin of greater flamingos (<i>Phoenicopterus roseus</i>) with pododermatitis. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4046-4051.	1.7	12

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128	Quarter- and cow-level risk factors for intramammary infection with coagulase-negative staphylococci species in Swiss dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 5653-5663.	3.4	12
129	Deciphering the complete deletion of the <i>mgrB</i> locus in an unusual colistin-resistant <i>Klebsiella pneumoniae</i> isolate colonising the gut of a traveller returning from India. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 529-531.	2.5	12
130	Predominance of a macrolide-lincosamide-resistant <i>Brachyspira hyodysenteriae</i> of sequence type 196 in Swiss pig herds. <i>Veterinary Microbiology</i> , 2018, 226, 97-102.	1.9	12
131	Typing of <i>mecD</i> Islands in Genetically Diverse Methicillin-Resistant <i>Micrococcus caseolyticus</i> Strains from Cattle. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	12
132	The Novel Macrolide Resistance Genes <i>mef</i> (D), <i>mnr</i> (F), and <i>mnr</i> (H) Are Present on Resistance Islands in <i>Micrococcus canis</i> , <i>Micrococcus caseolyticus</i> , and <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	12
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134	Resistance in the Food Chain and in Bacteria from Animals: Relevance to Human Infections. , 2014, , 446-464.		11
135	Intestinal colonisation with extended-spectrum cephalosporin-resistant <i>Escherichia coli</i> in Swiss pets: molecular features, risk factors and transmission with owners. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 759-760.	2.5	11
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137	Investigating the use of bacteriophages as a new decolonization strategy for intestinal carriage of CTX-M-15-producing ST131 <i>Escherichia coli</i> : An in vitro continuous culture system model. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 664-671.	2.2	11
138	Impact of the early-life skin microbiota on the development of canine atopic dermatitis in a high-risk breed birth cohort. <i>Scientific Reports</i> , 2020, 10, 1044.	3.3	11
139	Duration of carriage of multidrug-resistant bacteria in dogs and cats in veterinary care and co-carriage with their owners. <i>One Health</i> , 2021, 13, 100322.	3.4	11
140	Comparative Genomics of the First and Complete Genome of <i>Actinobacillus porcitonisillarum</i> Supports the Novel Species Hypothesis. <i>International Journal of Genomics</i> , 2018, 2018, 1-8.	1.6	10
141	The integrase of the <i>Micrococcus caseolyticus</i> resistance island <i>mecD</i> (<i>McRI_{mecD}</i>) inserts DNA site-specifically into <i>Staphylococcus</i> and <i>Bacillus</i> chromosomes. <i>Molecular Microbiology</i> , 2018, 110, 455-468.	2.5	10
142	A Novel Trimethoprim Resistance Gene, <i>dfrA36</i> , Characterized from <i>Escherichia coli</i> from Calves. <i>MSphere</i> , 2019, 4, .	2.9	10
143	Evaluation of EDTA- and DPA-Based Microdilution Phenotypic Tests for the Detection of MCR-Mediated Colistin Resistance in Enterobacteriaceae. <i>Microbial Drug Resistance</i> , 2019, 25, 494-500.	2.0	10
144	<i>Campylobacter fetus</i> subspecies <i>venerealis</i> transport medium for enrichment and PCR. <i>Veterinary Record</i> , 2009, 165, 507-508.	0.3	9

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148	Targeted Genome Mining Reveals the Psychrophilic <i>Clostridium estertheticum</i> Complex as a Potential Source for Novel Bacteriocins, Including Cenin A and Estercticin A. <i>Frontiers in Microbiology</i> , 2021, 12, 801467.	3.5	9
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152	Repatriation of a patient with COVID-19 contributed to the importation of an emerging carbapenemase producer. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 27, 267-272.	2.2	8
153	Genetic and Phenotypic Diversity of <i>Morganella morganii</i> Isolated From Cheese. <i>Frontiers in Microbiology</i> , 2021, 12, 738492.	3.5	8
154	Role of milk and meat products as vehicles for antibiotic-resistant bacteria. <i>Acta Veterinaria Scandinavica Supplementum</i> , 2000, 93, 75-87; discussion 111-7.	0.2	8
155	A Novel erm (44) Gene Variant from a Human <i>Staphylococcus saprophyticus</i> Isolate Confers Resistance to Macrolides and Lincosamides but Not Streptogramins. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	7
156	Multiresistant <i>Brachyspira hyodysenteriae</i> shedding by pigs during the fattening period. <i>Veterinary Record</i> , 2018, 183, 264-264.	0.3	7
157	<i>Trueperella pecoris</i> sp. nov. isolated from bovine and porcine specimens. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	7
158	Methicillin-resistant <i>Macrocooccus canis</i> in a human wound. <i>Infection, Genetics and Evolution</i> , 2021, 96, 105125.	2.3	7
159	Prevalence and characterization of methicillin-resistant <i>Macrocooccus</i> spp. in food producing animals and meat in Switzerland in 2019. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2022, 164, 153-164.	0.8	7
160	Antimicrobial susceptibility in <i>E. coli</i> and Pasteurellaceae at the beginning and at the end of the fattening process in veal calves: Comparing "outdoor veal calf" and conventional operations. <i>Veterinary Microbiology</i> , 2022, 269, 109419.	1.9	7
161	The Periplasmic Protein MppA Requires an Additional Mutated Locus To Repress marA Expression in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2003, 185, 1465-1469.	2.2	6
162	MRSA USA300, USA300-LV and ST5-IV in pigs, Cuba. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 259-261.	2.5	6

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164	Characterization of Third-Generation Cephalosporin-Resistant <i>Escherichia coli</i> Isolated from Pigs in Cuba Using Next-Generation Sequencing. <i>Microbial Drug Resistance</i> , 2021, 27, 1003-1010.	2.0	6
165	Antibiotic and quaternary ammonium compound resistance in <i>Escherichia coli</i> from calves at the beginning of the fattening period in Switzerland (2017). <i>Schweizer Archiv Fur Tierheilkunde</i> , 2019, 161, 741-748.	0.8	6
166	Small Colony Variant of Methicillin-Resistant <i>Staphylococcus pseudintermedius</i> ST71 Presenting as a Sticky Phenotype. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1225-1227.	3.9	5
167	Isolation and identification of <i>Caviibacter abscessus</i> from cervical abscesses in a series of pet guinea pigs (<i>Cavia porcellus</i>). <i>Journal of Veterinary Diagnostic Investigation</i> , 2016, 28, 763-769.	1.1	5
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172	The novel macrolide resistance genes <i>mef</i> (F) and <i>msr</i> (G) are located on a plasmid in <i>Micrococcus canis</i> and a transposon in <i>Micrococcus caseolyticus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 48-54.	3.0	5
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174	The dose makes the poison: feeding of antibiotic-treated winter honey bees, <i>Apis mellifera</i> , with probiotics and b-vitamins. <i>Apidologie</i> , 2022, 53, 1.	2.0	5
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177	Antimicrobial susceptibility patterns of blood culture isolates from foals in Switzerland. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2018, 160, 665-671.	0.8	4
178	Prevalence and WGS-based characteristics of <i>Staphylococcus aureus</i> in the nasal mucosa and pastern of horses with equine pastern dermatitis. <i>BMC Veterinary Research</i> , 2022, 18, 79.	1.9	4
179	Limited added value of fungal ITS amplicon sequencing in the study of bovine abortion. <i>Heliyon</i> , 2018, 4, e00915.	3.2	3
180	Complete Circular Genome Sequence of a Multidrug-Resistant <i>Escherichia coli</i> Strain from Cuba Obtained with Nanopore and Illumina Hybrid Assembly. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	3

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182	<i>Brachyspira hyodysenteriae</i> detection in the large intestine of slaughtered pigs. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018, 30, 56-63.	1.1	2
183	The <i>tva</i> (A) Gene from <i>Brachyspira hyodysenteriae</i> Confers Decreased Susceptibility to Pleuromutilins and Streptogramin A in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	2
184	Novel SCCmec element containing the methicillin resistance gene <i>mecD</i> in <i>Macrococcus bohemicus</i> . <i>Journal of Global Antimicrobial Resistance</i> , 2021, 24, 360-362.	2.2	2
185	Complete Circular Genome Sequence of a <i>mecB</i> - and <i>mecD</i> -Containing Strain of <i>Macrococcus canis</i> . <i>Microbiology Resource Announcements</i> , 2021, 10, e0040821.	0.6	2
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188	Use of a Microchip to Detect Antibiotic Resistance Genes in <i>Bacillus anthracis</i> . , 0, , 147-152.		1
189	Complete Circular Genome Sequences of <i>Brachyspira hyodysenteriae</i> Isolates of the Four Different Sequence Types Causing Swine Dysentery in Switzerland. <i>Microbiology Resource Announcements</i> , 2021, 10, e0084721.	0.6	1
190	Comparative Genomic Analysis and a Novel Set of Missense Mutation of the <i>Leptospira weilii</i> Serogroup Mini From the Urine of Asymptomatic Dogs in Thailand. <i>Frontiers in Microbiology</i> , 2021, 12, 731937.	3.5	1
191	Distribution, genetic heterogeneity, and antimicrobial susceptibility of <i>Brachyspira pilosicoli</i> in Swiss pig herds. <i>Veterinary Microbiology</i> , 2022, 269, 109421.	1.9	1
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193	Evaluation of in vitro and in vivo antibacterial and antifungal activity of "Camelyn M". , 2011, , .		0
194	Comment regarding "Antibiotic treatments of a methicillin-resistant <i>Staphylococcus pseudintermedius</i> infection in a dog: A case presentation" by Decristophoris et al., <i>Schweiz. Arch. Tierheilk.</i> 2011, 153: 405- 409. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2012, 154, 127-128.	0.8	0
195	Addition of daptomycin to levofloxacin increased the efficacy of levofloxacin monotherapy against a methicillin-susceptible <i>Staphylococcus aureus</i> strain in experimental meningitis and prevented development of resistance in vitro. <i>Journal of Medical Microbiology</i> , 2022, 71, .	1.8	0
196	Whole-genome analyses reveal a novel prophage and cgSNPs-derived sublineages of <i>Brachyspira hyodysenteriae</i> ST196. <i>BMC Genomics</i> , 2022, 23, 131.	2.8	0