

Roger Stephan

List of Publications by Year in descending order

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355
papers

12,177
citations

28190

55
h-index

46693

89
g-index

365
all docs

365
docs citations

365
times ranked

10349
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete Genome Sequence of <i>Hafnia paralvei</i> Isolate AVS0177, Harboring <i>mcr-9</i> on a Plasmid. <i>Microbiology Resource Announcements</i> , 2022, 11, e0096621.	0.3	3
2	Massive Spread of OXA-48 Carbapenemase-Producing Enterobacteriaceae in the Environment of a Swiss Companion Animal Clinic. <i>Antibiotics</i> , 2022, 11, 213.	1.5	6
3	Unraveling the Genotypic and Phenotypic Diversity of the Psychrophilic <i>Clostridium estertheticum</i> Complex, a Meat Spoilage Agent. <i>Frontiers in Microbiology</i> , 2022, 13, 856810.	1.5	4
4	Antimicrobial resistance profiles of <i>Escherichia coli</i> and prevalence of extended-spectrum beta-lactamase-producing Enterobacteriaceae in calves from organic and conventional dairy farms in Switzerland. <i>MicrobiologyOpen</i> , 2022, 11, e1269.	1.2	5
5	Development of a novel high resolution melting assay for identification and differentiation of all known 19 serovars of <i>Actinobacillus pleuropneumoniae</i> . <i>MicrobiologyOpen</i> , 2022, 11, e1272.	1.2	3
6	Fattening Pigs Are a Reservoir of Florfenicol-Resistant Enterococci Harboring Oxazolidinone Resistance Genes. <i>Journal of Food Protection</i> , 2022, 85, 740-746.	0.8	8
7	Qualitative assessment of the probability of introduction and onward transmission of lumpy skin disease in Ukraine. <i>Microbial Risk Analysis</i> , 2022, 20, 100200.	1.3	6
8	Microbiology and Epidemiology of <i>Escherichia albertii</i> —An Emerging Elusive Foodborne Pathogen. <i>Microorganisms</i> , 2022, 10, 875.	1.6	14
9	Complete Genome Sequence of Colistin-Resistant, <i>mcr-10</i> -Harboring, <i>Enterobacter cloacae</i> Isolate AVS0889, Recovered from River Water in Switzerland. <i>Microbiology Resource Announcements</i> , 2022, 11, e0016522.	0.3	1
10	Pregnancy in Slaughtered Lambs and Sheep—A Cross-Sectional Study in Three Abattoirs in Switzerland. <i>Animals</i> , 2022, 12, 1328.	1.0	0
11	Phylogenomic Analysis of <i>Salmonella enterica</i> subsp. <i>enterica</i> Serovar <i>Bovismorbificans</i> from Clinical and Food Samples Using Whole Genome Wide Core Genes and kmer Binning Methods to Identify Two Distinct Polyphyletic Genome Pathotypes. <i>Microorganisms</i> , 2022, 10, 1199.	1.6	0
12	Complete genome sequences and genomic characterization of five plasmids harbored by environmentally persistent <i>Cronobacter sakazakii</i> strains ST83 H322 and ST64 GK1025B obtained from powdered infant formula manufacturing facilities. <i>Gut Pathogens</i> , 2022, 14, .	1.6	4
13	Characterization of <i>Cronobacter sakazakii</i> Strains Originating from Plant-Origin Foods Using Comparative Genomic Analyses and Zebrafish Infectivity Studies. <i>Microorganisms</i> , 2022, 10, 1396.	1.6	6
14	Identification of <i>Glaesserella parasuis</i> and Differentiation of Its 15 Serovars Using High-Resolution Melting Assays. <i>Pathogens</i> , 2022, 11, 752.	1.2	2
15	Mycobacterial infections in wild boars (<i>Sus scrofa</i>) from Southern Switzerland: Diagnostic improvements, epidemiological situation and zoonotic potential. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 573-586.	1.3	18
16	Seroprevalence of hepatitis E virus in dogs in Switzerland. <i>Zoonoses and Public Health</i> , 2021, 68, 8-11.	0.9	9
17	<i>Mycobacterium helveticum</i> sp. nov., a novel slowly growing mycobacterial species associated with granulomatous lesions in adult swine. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	6
18	Novel multiplex TaqMan assay for differentiation of the four major pathogenic <i>Brachyspira</i> species in swine. <i>MicrobiologyOpen</i> , 2021, 10, e1169.	1.2	2

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19	Transmission Chains of Extended-Spectrum Beta-Lactamase-Producing Enterobacteriaceae at the Companion Animal Veterinary Clinicâ€”Household Interface. <i>Antibiotics</i> , 2021, 10, 171.	1.5	13
20	Cross-Border Emergence of <i>Escherichia coli</i> Producing the Carbapenemase NDM-5 in Switzerland and Germany. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	35
21	Draft Genome Sequences of 19 Clinical <i>stx</i> -Harboring <i>Escherichia coli</i> O80:H2 Strains. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	1
22	Occurrence of <i>Escherichia coli</i> non-susceptible to quinolones in faecal samples from fluoroquinolone-treated, contact and control pigs of different ages from 24 Swiss pig farms. <i>Porcine Health Management</i> , 2021, 7, 29.	0.9	4
23	Environmental dissemination of pathogenic <i>Listeria monocytogenes</i> in flowing surface waters in Switzerland. <i>Scientific Reports</i> , 2021, 11, 9066.	1.6	39
24	Characteristics of <i>fosA</i> -carrying plasmids in <i>E. coli</i> and <i>Klebsiella</i> spp. isolates originating from food and environmental samples. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2004-2011.	1.3	11
25	<i>Listeria monocytogenes</i> Cold Shock Proteins: Small Proteins with A Huge Impact. <i>Microorganisms</i> , 2021, 9, 1061.	1.6	16
26	Analysis of the Oxidative Stress Regulon Identifies <i>soxS</i> as a Genetic Target for Resistance Reversal in Multidrug-Resistant <i>Klebsiella pneumoniae</i> . <i>MBio</i> , 2021, 12, e0086721.	1.8	13
27	Feedborne <i>Salmonella enterica</i> Serovar Jerusalem Outbreak in Different Organic Poultry Flocks in Switzerland and Italy Linked to Soya Expeller. <i>Microorganisms</i> , 2021, 9, 1367.	1.6	2
28	Prevalence of <i>Toxoplasma gondii</i> , Hepatitis E Virus, and <i>Salmonella</i> Antibodies in Meat Juice Samples from Pigs at Slaughter in Switzerland. <i>Journal of Food Protection</i> , 2021, 84, 1760-1764.	0.8	1
29	Evaluation of oral fluids for surveillance of foodborne and zoonotic pathogens in pig farms. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021, 33, 655-663.	0.5	4
30	Evaluation of Three Commercial Interferon-Î³ Assays in a Bovine Tuberculosis Free Population. <i>Frontiers in Veterinary Science</i> , 2021, 8, 682466.	0.9	10
31	Linezolid-resistant <i>Enterococcus faecalis</i> ST16 harbouring <i>optrA</i> on a Tn6674-like element isolated from surface water. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 25, 89-92.	0.9	5
32	Seroprevalence of <i>Toxoplasma gondii</i> and <i>Salmonella</i> in Hunted Wild Boars from Two Different Regions in Switzerland. <i>Animals</i> , 2021, 11, 2227.	1.0	5
33	High Occurrence of Shiga Toxin-Producing <i>Escherichia coli</i> in Raw Meat-Based Diets for Companion Animalsâ€”A Public Health Issue. <i>Microorganisms</i> , 2021, 9, 1556.	1.6	6
34	Molecular Characterization of <i>Corynebacterium pseudotuberculosis</i> Isolated over a 15-Year Period in Switzerland. <i>Veterinary Sciences</i> , 2021, 8, 151.	0.6	2
35	Draft Genome Sequences of Two Clinical <i>Actinobacillus pleuropneumoniae</i> Serotype 19 Strains from Pigs in Switzerland. <i>Microbiology Resource Announcements</i> , 2021, 10, e0058821.	0.3	2
36	Complete Genome Sequence of <i>Escherichia coli</i> Sequence Type 1193 Isolate AVS0096, Recovered from River Water in Switzerland. <i>Microbiology Resource Announcements</i> , 2021, 10, e0060721.	0.3	4

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37	<i>Mycobacterium microti</i> Infections in Free-Ranging Red Deer (<i>Cervus elaphus</i>). Emerging Infectious Diseases, 2021, 27, 2025-2032.	2.0	7
38	Hunted game birds – Carriers of foodborne pathogens. Food Microbiology, 2021, 98, 103768.	2.1	14
39	Whole Genome Sequence-Based Identification of <i>Clostridium estertheticum</i> Complex Strains Supports the Need for Taxonomic Reclassification Within the Species <i>Clostridium estertheticum</i> . Frontiers in Microbiology, 2021, 12, 727022.	1.5	10
40	Genetic Context of <i>optrA</i> and <i>poxtA</i> in Florfenicol-Resistant Enterococci Isolated from Flowing Surface Water in Switzerland. Antimicrobial Agents and Chemotherapy, 2021, 65, e0108321.	1.4	13
41	Spread of vancomycin-resistant <i>Enterococcus faecium</i> ST133 in the aquatic environment in Switzerland. Journal of Global Antimicrobial Resistance, 2021, 27, 31-36.	0.9	10
42	Listeriosis Caused by Persistence of <i>Listeria monocytogenes</i> Serotype 4b Sequence Type 6 in Cheese Production Environment. Emerging Infectious Diseases, 2021, 27, 284-288.	2.0	34
43	Animal petting zoos as sources of Shiga toxin-producing <i>Escherichia coli</i> , <i>Salmonella</i> and extended-spectrum β -lactamase (ESBL)-producing <i>Enterobacteriaceae</i> . Zoonoses and Public Health, 2021, 68, 79-87.	0.9	8
44	Detection of Psychrophilic <i>Clostridium</i> spp. in Fecal Samples from Cattle of Different Ages Sampled at the Slaughterhouse Level. Journal of Food Protection, 2021, 84, 58-62.	0.8	4
45	Alterations in the Transcriptional Landscape Allow Differential Desiccation Tolerance in Clinical <i>Cronobacter sakazakii</i> . Applied and Environmental Microbiology, 2021, 87, e0083021.	1.4	8
46	Distribution of virulence factors, antimicrobial resistance genes and phylogenetic relatedness among Shiga toxin-producing <i>Escherichia coli</i> serogroup O91 from human infections. International Journal of Medical Microbiology, 2021, 311, 151541.	1.5	8
47	Genetic Diversity of Hepatitis E Virus Type 3 in Switzerland – From Stable to Table. Animals, 2021, 11, 3177.	1.0	4
48	Hand Hygiene Evaluation Using Two Different Evaluation Tools and Hand Contamination of Veterinary Healthcare Workers in a Swiss Companion Animal Clinic. Veterinary Sciences, 2021, 8, 260.	0.6	3
49	Targeted Genome Mining Reveals the Psychrophilic <i>Clostridium estertheticum</i> Complex as a Potential Source for Novel Bacteriocins, Including Cenin A and Estercticin A. Frontiers in Microbiology, 2021, 12, 801467.	1.5	9
50	Whole Genome Sequencing Reveals Biopesticidal Origin of <i>Bacillus thuringiensis</i> in Foods. Frontiers in Microbiology, 2021, 12, 775669.	1.5	10
51	Different Shades of <i>Listeria monocytogenes</i> : Strain, Serotype, and Lineage-Based Variability in Virulence and Stress Tolerance Profiles. Frontiers in Microbiology, 2021, 12, 792162.	1.5	24
52	Cold Shock Proteins Promote Nisin Tolerance in <i>Listeria monocytogenes</i> Through Modulation of Cell Envelope Modification Responses. Frontiers in Microbiology, 2021, 12, 811939.	1.5	4
53	Siblings with typhoid fever: An investigation of intrafamilial transmission, clonality, and antibiotic susceptibility. Travel Medicine and Infectious Disease, 2020, 34, 101498.	1.5	2
54	A Novel Lineage of Ceftriaxone-resistant <i>Salmonella</i> Typhi From India That Is Closely Related to XDR S. Typhi Found in Pakistan. Clinical Infectious Diseases, 2020, 71, 1327-1330.	2.9	22

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55	Strain Variability of <i>Listeria monocytogenes</i> under NaCl Stress Elucidated by a High-Throughput Microbial Growth Data Assembly and Analysis Protocol. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	15
56	Detection of Psychrophilic <i>Clostridium</i> spp. Causing "Blown Pack" Spoilage in Meat Juice Samples from Chilled Vacuum-Packed Beef and Lamb Meat Imported from Different Countries to Switzerland. <i>Journal of Food Protection</i> , 2020, 83, 56-59.	0.8	15
57	Assessing the microbiological quality of raw goats' and ewes' tank milk samples in Switzerland. <i>International Dairy Journal</i> , 2020, 102, 104609.	1.5	4
58	Comparative Genome Analysis and Phenotypic Characterization of <i>Clostridium gasigenes</i> CGAS001 Isolated From Chilled Vacuum-Packed Lamb Meat. <i>Frontiers in Microbiology</i> , 2020, 11, 2048.	1.5	9
59	Î²-Phenylethylamine as a Natural Food Additive Shows Antimicrobial Activity against <i>Listeria monocytogenes</i> on Ready-to-Eat Foods. <i>Foods</i> , 2020, 9, 1363.	1.9	9
60	Draft Genome Sequences of Two Phylogenetically Distinct <i>Clostridium gasigenes</i> Strains, CM001 and CM004, Isolated from Chilled Vacuum-Packed Meat. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	2
61	The <i>Salmonella enterica</i> Plasmidome as a Reservoir of Antibiotic Resistance. <i>Microorganisms</i> , 2020, 8, 1016.	1.6	23
62	Environmental dissemination of carbapenemase-producing <i>Enterobacteriaceae</i> in rivers in Switzerland. <i>Environmental Pollution</i> , 2020, 265, 115081.	3.7	51
63	Pathogenic Differences of Type 1 Restriction-Modification Allele Variants in Experimental <i>Listeria monocytogenes</i> Meningitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 590657.	1.8	4
64	Mobile fosfomycin resistance genes in <i>Enterobacteriaceae</i> —An increasing threat. <i>MicrobiologyOpen</i> , 2020, 9, e1135.	1.2	44
65	Analysis of the Molecular Diversity Among <i>Cronobacter</i> Species Isolated From Filth Flies Using Targeted PCR, Pan Genomic DNA Microarray, and Whole Genome Sequencing Analyses. <i>Frontiers in Microbiology</i> , 2020, 11, 561204.	1.5	17
66	Growth Potential of <i>Listeria monocytogenes</i> in Three Different Salmon Products. <i>Foods</i> , 2020, 9, 1048.	1.9	10
67	Draft Genome Sequence of <i>Psychrobacter okhotskensis</i> Strain 5179-1A, Isolated from a Raw Cured Ham Storage Crate. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	0
68	<i>Mycobacterium microti</i> : Not Just a Coincidental Pathogen for Cats. <i>Frontiers in Veterinary Science</i> , 2020, 7, 590037.	0.9	13
69	Draft Genome Sequences of Two <i>Clostridium algidicarnis</i> Strains Isolated from Meat Juice Samples of Chilled Vacuum-Packed Lamb Meat. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	3
70	Transcriptomic and Phenotypic Analyses of the Sigma B-Dependent Characteristics and the Synergism between Sigma B and Sigma L in <i>Listeria monocytogenes</i> EGD-e. <i>Microorganisms</i> , 2020, 8, 1644.	1.6	6
71	Lineage-specific evolution and gene flow in <i>Listeria monocytogenes</i> are independent of bacteriophages. <i>Environmental Microbiology</i> , 2020, 22, 5058-5072.	1.8	16
72	Isolation and Comparative Genomic Analysis of Reuterin-Producing <i>Lactobacillus reuteri</i> From the Chicken Gastrointestinal Tract. <i>Frontiers in Microbiology</i> , 2020, 11, 1166.	1.5	18

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73	First case of <i>Streptococcus suis</i> infection in Switzerland: An emerging public health problem?. <i>Travel Medicine and Infectious Disease</i> , 2020, 36, 101590.	1.5	6
74	<i>Staphylococcus aureus</i> Population Structure and Genomic Profiles in Asymptomatic Carriers in Switzerland. <i>Frontiers in Microbiology</i> , 2020, 11, 1289.	1.5	13
75	Population structure, genetic diversity and pathotypes of <i>Streptococcus suis</i> isolated during the last 13 years from diseased pigs in Switzerland. <i>Veterinary Research</i> , 2020, 51, 85.	1.1	22
76	The Secretion of Toxins and Other Exoproteins of <i>Cronobacter</i> : Role in Virulence, Adaption, and Persistence. <i>Microorganisms</i> , 2020, 8, 229.	1.6	29
77	Reuterin Demonstrates Potent Antimicrobial Activity Against a Broad Panel of Human and Poultry Meat <i>Campylobacter</i> spp. Isolates. <i>Microorganisms</i> , 2020, 8, 78.	1.6	37
78	Rapid high resolution melting assay to differentiate <i>Streptococcus suis</i> serotypes 2, 1/2, 1, and 14. <i>MicrobiologyOpen</i> , 2020, 9, e995.	1.2	10
79	Antimicrobial resistant and extended-spectrum β -lactamase (ESBL) producing <i>Escherichia coli</i> isolated from fecal samples of African dromedary camels. <i>Scientific African</i> , 2020, 7, e00274.	0.7	4
80	Draft Genome Sequence of <i>Clostridium estertheticum</i> CEST001, Belonging to a Novel Subspecies of <i>C. estertheticum</i> , Isolated from Chilled Vacuum-Packed Lamb Meat Imported to Switzerland. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	4
81	Phenotypic and Genotypic Traits of Vancomycin-Resistant Enterococci from Healthy Food-Producing Animals. <i>Microorganisms</i> , 2020, 8, 261.	1.6	15
82	DNA microarray-based characterization and antimicrobial resistance phenotypes of clinical MRSA strains from animal hosts. <i>Journal of Veterinary Science</i> , 2020, 21, e54.	0.5	8
83	Temperature-Dependent Growth Characteristics of <i>Bacillus thuringiensis</i> in a Ratatouille Food Model. <i>Journal of Food Protection</i> , 2020, 83, 816-820.	0.8	1
84	Comparative genomic insights into <i>Yersinia hibernica</i> – a commonly misidentified <i>Yersinia enterocolitica</i> -like organism. <i>Microbial Genomics</i> , 2020, 6, .	1.0	1
85	Decontamination of knives used in a slaughterhouse by a commercial non-thermal UV-C treatment. <i>Italian Journal of Food Safety</i> , 2019, 8, 8107.	0.5	4
86	Sequence Types and Antimicrobial Resistance Profiles of <i>Streptococcus uberis</i> Isolated From Bovine Mastitis. <i>Frontiers in Veterinary Science</i> , 2019, 6, 234.	0.9	31
87	New Insights on the Role of the pLMST6 Plasmid in <i>Listeria monocytogenes</i> Biocide Tolerance and Virulence. <i>Frontiers in Microbiology</i> , 2019, 10, 1538.	1.5	36
88	Raw meat-based diets for companion animals: a potential source of transmission of pathogenic and antimicrobial-resistant Enterobacteriaceae. <i>Royal Society Open Science</i> , 2019, 6, 191170.	1.1	47
89	Three reaction high-resolution melting assay for rapid differentiation of <i>Mycobacterium tuberculosis</i> complex members. <i>MicrobiologyOpen</i> , 2019, 8, e919.	1.2	9
90	Global Transcriptional Response of Three Highly Acid-Tolerant Field Strains of <i>Listeria monocytogenes</i> to HCl Stress. <i>Microorganisms</i> , 2019, 7, 455.	1.6	14

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91	Morphological and Molecular Characterization of a New <i>Mycobacterium avium</i> Subsp. paratuberculosis S-Type Strain Genotype in Goats. <i>Frontiers in Veterinary Science</i> , 2019, 6, 250.	0.9	4
92	Full Genome Sequence of pT3, a Multiresistant Plasmid Carrying the mcr-3.5 Colistin Resistance Gene, Recovered from an Extended-Spectrum- β -Lactamase-Producing <i>Escherichia coli</i> Isolate from Crickets Sold as Food. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	4
93	Microarray based genetic profiling of <i>Staphylococcus aureus</i> isolated from abattoir byproducts of pork origin. <i>PLoS ONE</i> , 2019, 14, e0222036.	1.1	13
94	Draft Genome Sequence of <i>Salmonella bongori</i> N19-781, a Clinical Strain from a Patient with Diarrhea. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	3
95	Atypical Hemolytic <i>Listeria innocua</i> Isolates Are Virulent, albeit Less than <i>Listeria monocytogenes</i> . <i>Infection and Immunity</i> , 2019, 87, .	1.0	41
96	Massive Diversity in Whole-Genome Sequences of <i>Streptococcus suis</i> Strains from Infected Pigs in Switzerland. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	5
97	Draft Genome Sequence of <i>Streptococcus parasuis</i> 4253, the First Available for the Species. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	7
98	Quantitative microbiological slaughter process analysis in a large-scale Swiss poultry abattoir. <i>Food Control</i> , 2019, 105, 86-93.	2.8	16
99	Relevant Aspects of <i>Clostridium estertheticum</i> as a Specific Spoilage Organism of Vacuum-Packed Meat. <i>Microorganisms</i> , 2019, 7, 142.	1.6	21
100	Antimicrobial resistant and extended-spectrum β -lactamase producing <i>Escherichia coli</i> in common wild bird species in Switzerland. <i>MicrobiologyOpen</i> , 2019, 8, e845.	1.2	37
101	Characteristics of <i>Listeria Monocytogenes</i> Strains Persisting in a Meat Processing Facility over a 4-Year Period. <i>Pathogens</i> , 2019, 8, 32.	1.2	56
102	Phenotypic and Genotypic Characterization of Clinical Isolates Belonging to the <i>Acinetobacter calcoaceticus</i> - <i>Acinetobacter baumannii</i> (ACB) Complex Isolated From Animals Treated at a Veterinary Hospital in Switzerland. <i>Frontiers in Veterinary Science</i> , 2019, 6, 17.	0.9	10
103	Shiga toxin-producing <i>Escherichia coli</i> (STEC) isolated from fecal samples of African dromedary camels. <i>One Health</i> , 2019, 7, 100087.	1.5	18
104	Growth potential of <i>Listeria monocytogenes</i> in twelve different types of RTE salads: Impact of food matrix, storage temperature and storage time. <i>International Journal of Food Microbiology</i> , 2019, 296, 83-92.	2.1	50
105	Detection, Isolation, and Characterization of Shiga Toxin-Producing <i>Escherichia coli</i> in Flour. <i>Journal of Food Protection</i> , 2019, 82, 164-167.	0.8	9
106	Phenotypic and genotypic characteristics of <i>Escherichia coli</i> with non-susceptibility to quinolones isolated from environmental samples on pig farms. <i>Porcine Health Management</i> , 2019, 5, 9.	0.9	14
107	<i>Staphylococcus aureus</i> related to bovine mastitis in Switzerland: Clonal diversity, virulence gene profiles, and antimicrobial resistance of isolates collected throughout 2017. <i>Journal of Dairy Science</i> , 2019, 102, 3274-3281.	1.4	39
108	Development of a new High Resolution Melting (HRM) assay for identification and differentiation of <i>Mycobacterium tuberculosis</i> complex samples. <i>Scientific Reports</i> , 2019, 9, 1850.	1.6	19

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109	Whole-genome-based phylogeny of <i>Bacillus cytotoxicus</i> reveals different clades within the species and provides clues on ecology and evolution. <i>Scientific Reports</i> , 2019, 9, 1984.	1.6	35
110	Population structure and toxin gene profiles of <i>Bacillus cereus sensu lato</i> isolated from flour products. <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	23
111	Whole-Genome Sequencing-Based Characterization of 100 <i>Listeria monocytogenes</i> Isolates Collected from Food Processing Environments over a Four-Year Period. <i>MSphere</i> , 2019, 4, .	1.3	82
112	Molecular types, virulence profiles and antimicrobial resistance of <i>Escherichia coli</i> causing bovine mastitis. <i>Veterinary Record Open</i> , 2019, 6, e000369.	0.3	32
113	Microbial contamination of moose (<i>Alces alces</i>) and white-tailed deer (<i>Odocoileus virginianus</i>) carcasses harvested by hunters. <i>Food Microbiology</i> , 2019, 78, 82-88.	2.1	26
114	Genome-wide survey of efflux pump-coding genes associated with <i>Cronobacter</i> survival, osmotic adaptation, and persistence. <i>Current Opinion in Food Science</i> , 2019, 30, 32-42.	4.1	21
115	RNA Sequencing-Based Transcriptional Overview of Xerotolerance in <i>Cronobacter sakazakii</i> SP291. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	40
116	Complete nucleotide sequences of six blaCTX-M-1-encoding plasmids from <i>Escherichia coli</i> isolated from urinary tract and wound infections in dogs. <i>Journal of Global Antimicrobial Resistance</i> , 2019, 16, 117-119.	0.9	0
117	Distribution and expression of <i>esat-6</i> and <i>cfp-10</i> in non-tuberculous mycobacteria isolated from lymph nodes of slaughtered cattle in Switzerland. <i>Journal of Veterinary Diagnostic Investigation</i> , 2019, 31, 217-221.	0.5	10
118	Occurrence of quinolone-resistant <i>Escherichia coli</i> in environmental samples from a sow pool system in Switzerland. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2019, 161, 387-394.	0.2	7
119	Complete Genome Sequence of a Swiss Hepatitis E Virus Isolate from the Liver of a Fattening Pig. <i>Genome Announcements</i> , 2018, 6, .	0.8	8
120	Antimicrobial resistance, multilocus sequence types and virulence profiles of ESBL producing and non-ESBL producing uropathogenic <i>Escherichia coli</i> isolated from cats and dogs in Switzerland. <i>Veterinary Microbiology</i> , 2018, 216, 79-84.	0.8	60
121	Genomic characterization of malonate positive <i>Cronobacter sakazakii</i> serotype O:2, sequence type 64 strains, isolated from clinical, food, and environment samples. <i>Gut Pathogens</i> , 2018, 10, 11.	1.6	22
122	Complete and Assembled Genome Sequences of <i>Pantoea calida</i> DSM 22759 T and <i>Pantoea gaviniae</i> DSM 22758 T. <i>Genome Announcements</i> , 2018, 6, .	0.8	2
123	Complete and assembled genome sequence of an NDM-9- and CTX-M-15-producing <i>Klebsiella pneumoniae</i> ST147 wastewater isolate from Switzerland. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 13, 53-54.	0.9	16
124	Complete and Assembled Genome Sequence of <i>Salmonella enterica</i> subsp. <i>enterica</i> Serotype Senftenberg N17-509, a Strain Lacking <i>Salmonella</i> Pathogen Island 1. <i>Genome Announcements</i> , 2018, 6, .	0.8	6
125	Rapid Polymyxin NP test for the detection of polymyxin resistance mediated by the <i>mcr-1/mcr-2</i> genes. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 90, 7-10.	0.8	36
126	Population structure and virulence gene profiles of <i>Streptococcus agalactiae</i> collected from different hosts worldwide. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 527-536.	1.3	11

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127	Detection of Hepatitis E Virus RNA in Raw Cured Sausages and Raw Cured Sausages Containing Pig Liver at Retail Stores in Switzerland. <i>Journal of Food Protection</i> , 2018, 81, 43-45.	0.8	22
128	Species Distribution and Antimicrobial Profiles of <i>Enterococcus</i> spp. Isolates from Kenyan Small and Medium Enterprise Slaughterhouses. <i>Journal of Food Protection</i> , 2018, 81, 1445-1449.	0.8	11
129	Toxin genes and cytotoxicity levels detected in <i>Bacillus cereus</i> isolates collected from cooked food products delivered by Swiss Army catering facilities. <i>Italian Journal of Food Safety</i> , 2018, 7, 7323.	0.5	4
130	Draft genomes of <i>Cronobacter sakazakii</i> strains isolated from dried spices bring unique insights into the diversity of plant-associated strains. <i>Standards in Genomic Sciences</i> , 2018, 13, 35.	1.5	29
131	Draft Genome Sequences of <i>Enterococcus mundtii</i> Strains Isolated from Beef Slaughterhouses in Kenya. <i>Genome Announcements</i> , 2018, 6, .	0.8	1
132	Growth potential of <i>Listeria monocytogenes</i> in six different RTE fruit products: impact of food matrix, storage temperature and shelf life. <i>Italian Journal of Food Safety</i> , 2018, 7, 7581.	0.5	15
133	Complete and assembled genome sequence of an NDM-5- and CTX-M-15-producing <i>Escherichia coli</i> sequence type 617 isolated from wastewater in Switzerland. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 15, 105-106.	0.9	15
134	Whole-Genome Sequences of Six <i>Listeria monocytogenes</i> Strains Isolated from Food. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	0
135	Microbiological quality and presence of foodborne pathogens in raw milk cheeses and raw meat products marketed at farm level in Switzerland. <i>Italian Journal of Food Safety</i> , 2018, 7, 7337.	0.5	5
136	First report of a blaNDM-5-harboring <i>Escherichia coli</i> ST167 isolated from a wound infection in a dog in Switzerland. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 15, 226-227.	0.9	21
137	Enterotoxin Production of <i>Bacillus thuringiensis</i> Isolates From Biopesticides, Foods, and Outbreaks. <i>Frontiers in Microbiology</i> , 2018, 9, 1915.	1.5	77
138	Surviving host - and food relevant stresses: phenotype of <i>L. monocytogenes</i> strains isolated from food and clinical sources. <i>Scientific Reports</i> , 2018, 8, 12931.	1.6	19
139	Whole-Genome Shotgun Sequencing of Three <i>Listeria monocytogenes</i> Strains Isolated from a Ready-to-Eat Salad-Producing Facility in Switzerland. <i>Genome Announcements</i> , 2018, 6, .	0.8	7
140	Interaction of matrix metalloproteinase-9 and Zpx in <i>Cronobacter turicensis</i> LMG 23827-mediated infections in the zebrafish model. <i>Cellular Microbiology</i> , 2018, 20, e12888.	1.1	10
141	Molecular Characterization of <i>Mycobacterium avium</i> subsp. <i>hominissuis</i> of Two Groups of Lymph Nodes, Being Intradermal Tuberculin or Interferon-Gamma Test Positive and Negative, Isolated from Swiss Cattle at Slaughter. <i>Frontiers in Veterinary Science</i> , 2018, 5, 32.	0.9	12
142	High Prevalence of Extended-Spectrum β -Lactamase Producing Enterobacteriaceae Among Clinical Isolates From Cats and Dogs Admitted to a Veterinary Hospital in Switzerland. <i>Frontiers in Veterinary Science</i> , 2018, 5, 62.	0.9	68
143	Characterization of <i>Bacillus cereus</i> group isolates from powdered food products. <i>International Journal of Food Microbiology</i> , 2018, 283, 59-64.	2.1	50
144	Consumer Exposure to Antimicrobial Resistant Bacteria From Food at Swiss Retail Level. <i>Frontiers in Microbiology</i> , 2018, 9, 362.	1.5	59

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145	Serotypes and virulence profiles of Shiga toxin-producing <i>Escherichia coli</i> strains isolated during 2017 from human infections in Switzerland. <i>International Journal of Medical Microbiology</i> , 2018, 308, 933-939.	1.5	37
146	First report of an <i>mcr-1</i> -harboring <i>Salmonella enterica</i> subsp. <i>enterica</i> serotype 4,5,12:i:- strain isolated from blood of a patient in Switzerland. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 740-741.	1.1	10
147	Genetic characterization of Shiga toxin producing <i>Escherichia coli</i> belonging to the emerging hybrid pathotype O80:H2 isolated from humans 2010–2017 in Switzerland. <i>International Journal of Medical Microbiology</i> , 2018, 308, 534-538.	1.5	30
148	Improving the quality and workflow of bacterial genome sequencing and analysis: paving the way for a Switzerland-wide molecular epidemiological surveillance platform. <i>Swiss Medical Weekly</i> , 2018, 148, w14693.	0.8	28
149	Case of the month: What's your diagnosis?. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2018, 160, 673-675.	0.2	0
150	Presence of foodborne pathogens, extended-spectrum β -lactamase -producing Enterobacteriaceae, and methicillin-resistant <i>Staphylococcus aureus</i> in slaughtered reindeer in northern Finland and Norway. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 2.	0.5	13
151	Draft Genome Sequence of <i>Staphylococcus aureus</i> 1608, a Strain That Caused Toxic Mastitis in Twin Cows. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
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153	Assessment of the risk of foodborne transmission and burden of hepatitis E in Switzerland. <i>International Journal of Food Microbiology</i> , 2017, 242, 107-115.	2.1	25
154	Full-Genome Sequence of <i>Listeria monocytogenes</i> Strain H34, Isolated from a Newborn with Sepsis in Uruguay. <i>Genome Announcements</i> , 2017, 5, .	0.8	1
155	Effect of food-related stress conditions and loss of <i>agr</i> and <i>sigB</i> on <i>seb</i> promoter activity in <i>S. aureus</i> . <i>Food Microbiology</i> , 2017, 65, 205-212.	2.1	15
156	Screening for fecal carriage of MCR-producing Enterobacteriaceae in healthy humans and primary care patients. <i>Antimicrobial Resistance and Infection Control</i> , 2017, 6, 28.	1.5	46
157	Assessment of animals as a reservoir for colistin resistance: No MCR-1/MCR-2-producing Enterobacteriaceae detected in Swiss livestock. <i>Journal of Global Antimicrobial Resistance</i> , 2017, 8, 33-34.	0.9	9
158	Draft Genome Sequence of <i>Cronobacter sakazakii</i> GP1999, Sequence Type 145, an Epiphytic Isolate Obtained from the Tomato's Rhizosphere/Rhizosphere Continuum. <i>Genome Announcements</i> , 2017, 5, .	0.8	9
159	Draft Genome Sequence of <i>Staphylococcus aureus</i> S681, a Tetracycline-Sensitive Livestock-Associated CC398 MRSA Strain. <i>Genome Announcements</i> , 2017, 5, .	0.8	2
160	Complete Genome Sequence of <i>Citrobacter freundii</i> 705SK3, an OXA-48-Encoding Wastewater Isolate. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
161	Complete Genome Sequence of <i>Escherichia coli</i> ABWA45, an <i>rmtB</i> -Encoding Wastewater Isolate. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
162	Complete Genome Sequence of <i>Enterobacter cloacae</i> 704SK10, an OXA-48-Encoding Wastewater Isolate. <i>Genome Announcements</i> , 2017, 5, .	0.8	1

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163	Draft Genome Sequence of <i>Klebsiella pneumoniae</i> 704SK6, an OXA-48- and CTX-M-15-Encoding Wastewater Isolate. <i>Genome Announcements</i> , 2017, 5, .	0.8	2
164	Complete Genome Sequences of Two Swiss Hepatitis E Virus Isolates from Human Stool and Raw Pork Sausage. <i>Genome Announcements</i> , 2017, 5, .	0.8	22
165	Draft Genome Sequences of Five Shiga Toxin-Producing <i>Escherichia coli</i> Isolates Harboring the New and Recently Described Subtilase Cytotoxin Allelic Variant subAB 2-3. <i>Genome Announcements</i> , 2017, 5, .	0.8	7
166	Wastewater is a reservoir for clinically relevant carbapenemase- and 16s rRNA methylase-producing Enterobacteriaceae. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 436-440.	1.1	68
167	Estimated exposure to hepatitis E virus through consumption of swine liver and liver sausages. <i>Food Control</i> , 2017, 73, 821-828.	2.8	11
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173	Characteristics of Shiga Toxin-Producing <i>Escherichia coli</i> Strains Isolated during 2010-2014 from Human Infections in Switzerland. <i>Frontiers in Microbiology</i> , 2017, 8, 1471.	1.5	59
174	Clonal Diversity, Virulence Potential and Antimicrobial Resistance of <i>Escherichia coli</i> Causing Community Acquired Urinary Tract Infection in Switzerland. <i>Frontiers in Microbiology</i> , 2017, 8, 2334.	1.5	40
175	Complete Genome Sequence of <i>Anoxybacillus flavithermus</i> Strain 52-1A Isolated from a Heat-Processed Powdered Milk Concentrate. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
176	Key features of mcr-1-bearing plasmids from <i>Escherichia coli</i> isolated from humans and food. <i>Antimicrobial Resistance and Infection Control</i> , 2017, 6, 91.	1.5	64
177	Effect of antimicrobials administered via liquid feed on the occurrence of sulphonamide and trimethoprim resistant Enterobacteriaceae: case-control study. <i>Porcine Health Management</i> , 2017, 3, 20.	0.9	2
178	Characteristics of Shiga Toxin-Producing <i>Escherichia coli</i> O157 in Slaughtered Reindeer from Northern Finland. <i>Journal of Food Protection</i> , 2017, 80, 454-458.	0.8	5
179	Effect of a commercial steam-vacuuming treatment implemented after slaughtering for the decontamination of cattle carcasses. <i>Italian Journal of Food Safety</i> , 2017, 6, 6864.	0.5	5
180	Analysis of a poultry slaughter process: Influence of process stages on the microbiological contamination of broiler carcasses. <i>Italian Journal of Food Safety</i> , 2017, 6, 7097.	0.5	32

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186	Staphylococcus aureus Isolates from Goat and Sheep Milk Seem to Be Closely Related and Differ from Isolates Detected from Bovine Milk. Frontiers in Microbiology, 2016, 7, 319.	1.5	75
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188	Linking Genomo- and Pathotype: Exploiting the Zebrafish Embryo Model to Investigate the Divergent Virulence Potential among Cronobacter spp.. PLoS ONE, 2016, 11, e0158428.	1.1	25
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194	Features of the <i>mcr-1</i> Cassette Related to Colistin Resistance. Antimicrobial Agents and Chemotherapy, 2016, 60, 6438-6439.	1.4	21
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200	<i>Listeria monocytogenes</i> sequence type 1 is predominant in ruminant rhombencephalitis. <i>Scientific Reports</i> , 2016, 6, 36419.	1.6	105
201	Occurrence of <i>Salmonella</i> , <i>L. monocytogenes</i> , Shiga toxin-producing <i>E. coli</i> and ESBL-producing Enterobacteriaceae in sprout samples collected from the Swiss market. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2016, 11, 155-157.	0.5	2
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203	Full-Length Nucleotide Sequences of <i>mcr-1</i> -Harboring Plasmids Isolated from Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> Isolates of Different Origins. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5589-5591.	1.4	72
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214	How can patients and their physicians contribute to an outbreak investigation? Experiences from a nationwide listeriosis outbreak in Switzerland. <i>Swiss Medical Weekly</i> , 2016, 146, w14366.	0.8	3
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218	Antimicrobial susceptibility of travel-related Salmonella enterica serovar Typhi isolates detected in Switzerland (2002–2013) and molecular characterization of quinolone resistant isolates. <i>BMC Infectious Diseases</i> , 2015, 15, 212.	1.3	29
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255	Rapid and reliable species identification of scallops by MALDI-TOF mass spectrometry. <i>Food Control</i> , 2014, 46, 6-9.	2.8	28
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265	Higher-generation cephalosporin-resistant <i>Escherichia coli</i> in feral birds in Switzerland. <i>International Journal of Antimicrobial Agents</i> , 2013, 41, 296-297.	1.1	8
266	Inclusivity, exclusivity and limit of detection of commercially available real-time PCR assays for the detection of <i>Salmonella</i> . <i>International Journal of Food Microbiology</i> , 2013, 165, 221-226.	2.1	27
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