

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	<i>Cronobacter</i> gen. nov., a new genus to accommodate the biogroups of <i>Enterobacter sakazakii</i> , and proposal of <i>Cronobacter sakazakii</i> gen. nov., comb. nov., <i>Cronobacter malonaticus</i> sp. nov., <i>Cronobacter turicensis</i> sp. nov., <i>Cronobacter muytjensii</i> sp. nov., <i>Cronobacter dublinensis</i> sp. nov., <i>Cronobacter genomospecies</i> 1, and of three subspecies, <i>Cronobacter dublinensis</i> subsp. dublinensis subsp. nov., <i>Cronobacter dublinensis</i> subsp. lausannensis subsp. nov. and <i>Cronobacter dublinensis</i> subsp. lactaridi subsp. nov., <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1-10.	0.8	506
2	<i>Mycobacterium avium</i> subspecies paratuberculosis and Crohn's disease: a systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , The, 2007, 7, 607-613.	4.6	450
3	Occurrence and characteristics of extended-spectrum β -lactamase (ESBL) producing Enterobacteriaceae in food producing animals, minced meat and raw milk. <i>BMC Veterinary Research</i> , 2012, 8, 21.	0.7	278
4	The taxonomy of <i>Enterobacter sakazakii</i> : proposal of a new genus <i>Cronobacter</i> gen. nov. and descriptions of <i>Cronobacter sakazakii</i> comb. nov. <i>Cronobacter sakazakii</i> subsp. <i>sakazakii</i> , comb. nov., <i>Cronobacter sakazakii</i> subsp. <i>malonaticus</i> subsp. nov., <i>Cronobacter turicensis</i> sp. nov., <i>Cronobacter muytjensii</i> sp. nov., <i>Cronobacter dublinensis</i> sp. nov. and <i>Cronobacter genomospecies</i> 1. <i>BMC Evolutionary Biology</i> , 2007, 7, 64.	3.2	275
5	Characteristics of Extended-Spectrum β -Lactamase- and Carbapenemase-Producing Enterobacteriaceae Isolates from Rivers and Lakes in Switzerland. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3021-3026.	1.4	240
6	Role of Cold Shock Proteins in Growth of <i>Listeria monocytogenes</i> under Cold and Osmotic Stress Conditions. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1621-1627.	1.4	189
7	Biofilm Formation, Extracellular Polysaccharide Production, and Cell-to-Cell Signaling in Various <i>Enterobacter sakazakii</i> Strains: Aspects Promoting Environmental Persistence. <i>Journal of Food Protection</i> , 2005, 68, 2287-2294.	0.8	149
8	Occurrence of the Plasmid-Borne <i>mcr-1</i> Colistin Resistance Gene in Extended-Spectrum β -Lactamase-Producing Enterobacteriaceae in River Water and Imported Vegetable Samples in Switzerland. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2594-2595.	1.4	147
9	Antimicrobial activity of decontamination treatments for poultry carcasses: A literature survey. <i>Food Control</i> , 2010, 21, 791-804.	2.8	146
10	Extended-Spectrum β -Lactamase-Producing Enterobacteriaceae Isolated from Vegetables Imported from the Dominican Republic, India, Thailand, and Vietnam. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3115-3120.	1.4	145
11	Re-examination of the taxonomic status of <i>Enterobacter helveticus</i> , <i>Enterobacter pulveris</i> and <i>Enterobacter turicensis</i> as members of the genus <i>Cronobacter</i> and their reclassification in the genera <i>Franconibacter</i> gen. nov. and <i>Siccibacter</i> gen. nov. as <i>Franconibacter helveticus</i> comb. nov., <i>Franconibacter pulveris</i> comb. nov. and <i>Siccibacter turicensis</i> comb. nov., respectively. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3402-3410.	0.8	136
12	Evaluation of housekeeping genes in <i>Listeria monocytogenes</i> as potential internal control references for normalizing mRNA expression levels in stress adaptation models using real-time PCR. <i>FEMS Microbiology Letters</i> , 2007, 269, 265-272.	0.7	131
13	Outbreak of staphylococcal food poisoning among children and staff at a Swiss boarding school due to soft cheese made from raw milk. <i>Journal of Dairy Science</i> , 2015, 98, 2944-2948.	1.4	126
14	Spices and herbs as source of Salmonella-related foodborne diseases. <i>Food Research International</i> , 2012, 45, 765-769.	2.9	122
15	Evidence for a plant-associated natural habitat for <i>Cronobacter</i> spp.. <i>Research in Microbiology</i> , 2009, 160, 608-614.	1.0	115
16	Prevalence of pathogenic <i>Yersinia enterocolitica</i> in pigs slaughtered at a Swiss abattoir. <i>International Journal of Food Microbiology</i> , 2007, 119, 207-212.	2.1	114
17	Human Infections with Non-O157 Shiga Toxin-producing <i>Escherichia coli</i> , Switzerland, 2000-2009. <i>Emerging Infectious Diseases</i> , 2011, 17, 180-185.	2.0	114
18	Distribution of virulence factors in ESBL-producing <i>Escherichia coli</i> isolated from the environment, livestock, food and humans. <i>Science of the Total Environment</i> , 2016, 541, 667-672.	3.9	111

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19	Phenotypic and genotypic characteristics of <i>Listeria monocytogenes</i> strains isolated during 2011–2014 from different food matrices in Switzerland. <i>Food Control</i> , 2015, 57, 321-326.	2.8	110
20	Molecular Identification of Extended-Spectrum-β-Lactamase Genes from Enterobacteriaceae Isolated from Healthy Human Carriers in Switzerland. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1609-1612.	1.4	109
21	Further Evidence for Staphylococcal Food Poisoning Outbreaks Caused by egc-Encoded Enterotoxins. <i>Toxins</i> , 2015, 7, 997-1004.	1.5	105
22	<i>Listeria monocytogenes</i> sequence type 1 is predominant in ruminant rhombencephalitis. <i>Scientific Reports</i> , 2016, 6, 36419.	1.6	105
23	Wild Boars as an Important Reservoir for Foodborne Pathogens. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 307-312.	0.8	103
24	16S rRNA gene based analysis of <i>Enterobacter sakazakii</i> strains from different sources and development of a PCR assay for identification. <i>BMC Microbiology</i> , 2004, 4, 43.	1.3	102
25	Adhesive properties of <i>Enterobacter sakazakii</i> to human epithelial and brain microvascular endothelial cells. <i>BMC Microbiology</i> , 2006, 6, 58.	1.3	101
26	<i>Salmonella enterica</i> serovar Infantis from Food and Human Infections, Switzerland, 2010–2015: Poultry-Related Multidrug Resistant Clones and an Emerging ESBL Producing Clonal Lineage. <i>Frontiers in Microbiology</i> , 2017, 8, 1322.	1.5	101
27	Rapid species specific identification and subtyping of <i>Yersinia enterocolitica</i> by MALDI-TOF Mass spectrometry. <i>Journal of Microbiological Methods</i> , 2011, 87, 150-153.	0.7	97
28	Isolation and characterization of the emerging foodborn pathogen <i>Arcobacter</i> from human stool. <i>Journal of Microbiological Methods</i> , 2007, 68, 408-413.	0.7	96
29	Genes Involved in <i>Cronobacter sakazakii</i> Biofilm Formation. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2251-2261.	1.4	96
30	Identification of <i>Cronobacter</i> spp. (<i>Enterobacter sakazakii</i>). <i>Journal of Clinical Microbiology</i> , 2007, 45, 3814-3816.	1.8	93
31	Characterization of <i>Listeria monocytogenes</i> Strains Isolated During 2011–2013 from Human Infections in Switzerland. <i>Foodborne Pathogens and Disease</i> , 2014, 11, 753-758.	0.8	92
32	ESBL-producing uropathogenic <i>Escherichia coli</i> isolated from dogs and cats in Switzerland. <i>Veterinary Microbiology</i> , 2013, 162, 992-996.	0.8	88
33	Serotypes, intimin variants and other virulence factors of eae positive <i>Escherichia coli</i> strains isolated from healthy cattle in Switzerland. Identification of a new intimin variant gene (<i>eae-eta2</i>). <i>BMC Microbiology</i> , 2005, 5, 23.	1.3	86
34	Foodborne transmission of <i>Listeria monocytogenes</i> via ready-to-eat salad: A nationwide outbreak in Switzerland, 2013–2014. <i>Food Control</i> , 2015, 57, 14-17.	2.8	83
35	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
36	<i>Enterobacter turicensis</i> sp. nov. and <i>Enterobacter helveticus</i> sp. nov., isolated from fruit powder. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 820-826.	0.8	79

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37	Pan-genome analysis of the emerging foodborne pathogen <i>Cronobacter</i> spp. suggests a species-level bidirectional divergence driven by niche adaptation. <i>BMC Genomics</i> , 2013, 14, 366.	1.2	78
38	Enterotoxin Production of <i>Bacillus thuringiensis</i> Isolates From Biopesticides, Foods, and Outbreaks. <i>Frontiers in Microbiology</i> , 2018, 9, 1915.	1.5	77
39	Complete Genome Sequence of <i>Cronobacter turicensis</i> LMG 23827, a Food-Borne Pathogen Causing Deaths in Neonates. <i>Journal of Bacteriology</i> , 2011, 193, 309-310.	1.0	76
40	<i>Staphylococcus aureus</i> Isolates from Goat and Sheep Milk Seem to Be Closely Related and Differ from Isolates Detected from Bovine Milk. <i>Frontiers in Microbiology</i> , 2016, 7, 319.	1.5	75
41	Prevalence and Characteristics of Shiga Toxin-Producing <i>Escherichia coli</i> in Swiss Raw Milk Cheeses Collected at Producer Level. <i>Journal of Dairy Science</i> , 2008, 91, 2561-2565.	1.4	74
42	Vertical transmission of highly similar blaCTX-M-1-harboring IncI1 plasmids in <i>Escherichia coli</i> with different MLST types in the poultry production pyramid. <i>Frontiers in Microbiology</i> , 2014, 5, 519.	1.5	74
43	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
44	Antibacterial activity of decontamination treatments for cattle hides and beef carcasses. <i>Food Control</i> , 2011, 22, 347-359.	2.8	69
45	Validation of reference genes for normalization of qPCR mRNA expression levels in <i>Staphylococcus aureus</i> exposed to osmotic and lactic acid stress conditions encountered during food production and preservation. <i>FEMS Microbiology Letters</i> , 2014, 356, 134-140.	0.7	69
46	Nucleotide sequences of 16 transmissible plasmids identified in nine multidrug-resistant <i>Escherichia coli</i> isolates expressing an ESBL phenotype isolated from food-producing animals and healthy humans. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2658-2668.	1.3	68
47	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
48	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
49	Comparison of two chromogenic media and evaluation of two molecular based identification systems for <i>Enterobacter sakazakii</i> detection. <i>BMC Microbiology</i> , 2006, 6, 15.	1.3	67
50	Development of a Novel Screening Method for the Isolation of <i>Cronobacter</i> spp. (<i>Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50</i>)	1.4	66
51	Molecular characterization of blaESBL-harboring conjugative plasmids identified in multi-drug resistant <i>Escherichia coli</i> isolated from food-producing animals and healthy humans. <i>Frontiers in Microbiology</i> , 2013, 4, 188.	1.5	65
52	Key features of <i>mcr-1</i> -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
53	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
54	Characteristics of Shigatoxin-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

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55	Consumer Exposure to Antimicrobial Resistant Bacteria From Food at Swiss Retail Level. <i>Frontiers in Microbiology</i> , 2018, 9, 362.	1.5	59
56	Rapid Genus- and Species-Specific Identification of <i>Cronobacter</i> spp. by Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2846-2851.	1.8	56
57	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
58	Outbreak of Staphylococcal Food Poisoning Due to SEA-Producing <i>Staphylococcus aureus</i> . <i>Foodborne Pathogens and Disease</i> , 2013, 10, 777-781.	0.8	55
59	Quinolone Resistance Mechanisms among Extended-Spectrum Beta-Lactamase (ESBL) Producing <i>Escherichia coli</i> Isolated from Rivers and Lakes in Switzerland. <i>PLoS ONE</i> , 2014, 9, e95864.	1.1	55
60	Phylogeny and prediction of genetic similarity of <i>Cronobacter</i> and related taxa by multilocus sequence analysis (MLSA). <i>International Journal of Food Microbiology</i> , 2009, 136, 152-158.	2.1	53
61	Characterization of attaching and effacing <i>Escherichia coli</i> (AEEC) isolated from pigs and sheep. <i>BMC Microbiology</i> , 2008, 8, 144.	1.3	52
62	SpA, ClfA, and FnBA Genetic Variations Lead to Staphaurex Test-Negative Phenotypes in Bovine Mastitis <i>Staphylococcus aureus</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2011, 49, 638-646.	1.8	51
63	Environmental dissemination of carbapenemase-producing Enterobacteriaceae in rivers in Switzerland. <i>Environmental Pollution</i> , 2020, 265, 115081.	3.7	51
64	<i>Shigella</i> Antimicrobial Drug Resistance Mechanisms, 2004–2014. <i>Emerging Infectious Diseases</i> , 2016, 22, 1083-1085.	2.0	50
65	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
66	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
67	<i>Enterobacter pulveris</i> sp. nov., isolated from fruit powder, infant formula and an infant formula production environment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 237-241.	0.8	49
68	Reduced Host Cell Invasiveness and Oxidative Stress Tolerance in Double and Triple <i>csp</i> Gene Family Deletion Mutants of <i>Listeria monocytogenes</i> . <i>Foodborne Pathogens and Disease</i> , 2010, 7, 775-783.	0.8	49
69	Comparison of Virulence and Antibiotic Resistance Genes of Food Poisoning Outbreak Isolates of <i>Staphylococcus aureus</i> with Isolates Obtained from Bovine Mastitis Milk and Pig Carcasses. <i>Journal of Food Protection</i> , 2011, 74, 1852-1859.	0.8	49
70	Conventional and Real-Time PCR-Based Approaches for Molecular Detection and Quantitation of Bovine Species Material in Edible Gelatin. <i>Journal of Food Protection</i> , 2005, 68, 2420-2426.	0.8	48
71	Occurrence and genotypes of <i>Campylobacter</i> in broiler flocks, other farm animals, and the environment during several rearing periods on selected poultry farms. <i>International Journal of Food Microbiology</i> , 2008, 125, 182-187.	2.1	48
72	Genes Involved in Yellow Pigmentation of <i>Cronobacter sakazakii</i> ES5 and Influence of Pigmentation on Persistence and Growth under Environmental Stress. <i>Applied and Environmental Microbiology</i> , 2010, 76, 1053-1061.	1.4	48

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73	Characterization of <i>Salmonella enterica</i> Subsp. <i>enterica</i> Serovar 4,[5],12:i:- Clones Isolated from Human and Other Sources in Switzerland Between 2007 and 2011. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 549-554.	0.8	48
74	The Alternative Sigma Factor σ^{LofL} of <i>monocytogenes</i> Promotes Growth Under Diverse Environmental Stresses. <i>Foodborne Pathogens and Disease</i> , 2009, 6, 583-591.	0.8	47
75	Genetic Diversity of <i>Cronobacter sakazakii</i> Isolates Collected from a Swiss Infant Formula Production Facility. <i>Journal of Food Protection</i> , 2013, 76, 883-887.	0.8	47
76	The DSF type quorum sensing signalling system RpfF/R regulates diverse phenotypes in the opportunistic pathogen <i>Cronobacter</i> . <i>Scientific Reports</i> , 2016, 6, 18753.	1.6	47
77	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
78	High-resolution subtyping of <i>Staphylococcus aureus</i> strains by means of Fourier-transform infrared spectroscopy. <i>Systematic and Applied Microbiology</i> , 2016, 39, 189-194.	1.2	46
79	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
80	<i>Pantoea gaviniae</i> sp. nov. and <i>Pantoea calida</i> sp. nov., isolated from infant formula and an infant formula production environment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2786-2792.	0.8	45
81	Assessment of the Prevalence of Extended-Spectrum β -Lactamase-Producing Enterobacteriaceae in Ready-to-Eat Salads, Fresh-Cut Fruit, and Sprouts from the Swiss Market. <i>Journal of Food Protection</i> , 2015, 78, 1178-1181.	0.8	45
82	Horizontal Acquisition of a Multidrug-Resistance Module (R-type ASSuT) Is Responsible for the Monophasic Phenotype in a Widespread Clone of <i>Salmonella</i> Serovar 4,[5],12:i:-. <i>Frontiers in Microbiology</i> , 2016, 7, 680.	1.5	45
83	Mobile fosfomycin resistance genes in Enterobacteriaceae – An increasing threat. <i>MicrobiologyOpen</i> , 2020, 9, e1135.	1.2	44
84	Phenotypic and transcriptomic analyses of Sigma L-dependent characteristics in <i>Listeria monocytogenes</i> EGD-e. <i>Food Microbiology</i> , 2012, 32, 152-164.	2.1	43
85	The Inflammatory Response of Primary Bovine Mammary Epithelial Cells to <i>Staphylococcus aureus</i> Strains Is Linked to the Bacterial Phenotype. <i>PLoS ONE</i> , 2014, 9, e87374.	1.1	43
86	Effects of slaughter operations on the microbiological contamination of broiler carcasses in three abattoirs. <i>Food Control</i> , 2015, 51, 37-42.	2.8	43
87	Replicon typing of plasmids carrying blaCTX-M-1 in Enterobacteriaceae of animal, environmental and human origin. <i>Frontiers in Microbiology</i> , 2014, 5, 555.	1.5	42
88	A Syst-OMICS Approach to Ensuring Food Safety and Reducing the Economic Burden of Salmonellosis. <i>Frontiers in Microbiology</i> , 2017, 8, 996.	1.5	42
89	Risk factors for antibiotic resistance in <i>Campylobacter</i> spp. isolated from raw poultry meat in Switzerland. <i>BMC Public Health</i> , 2003, 3, 39.	1.2	41
90	Different Enteropathogenic <i>Yersinia</i> Strains Found in Wild Boars and Domestic Pigs. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 733-737.	0.8	41

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91	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
92	Hemolytic Uremic Syndrome in a 65-Year-Old Male Linked to a Very Unusual Type of <i>Stx</i> - and <i>eae</i> -Harboring O51:H49 Shiga Toxin-Producing <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2014, 52, 1301-1303.	1.8	40
93	The carbapenemase threat in the animal world: the wrong culprit. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2007-2008.	1.3	40
94	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
95	RNA Sequencing-Based Transcriptional Overview of Xerotolerance in <i>Cronobacter sakazakii</i> SP291. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	40
96	Microbiological contamination of cattle carcasses at different stages of slaughter in two abattoirs. <i>Meat Science</i> , 2014, 98, 198-202.	2.7	39
97	Comparative Genotypic and Phenotypic Analysis of <i>Cronobacter</i> Species Cultured from Four Powdered Infant Formula Production Facilities: Indication of Pathoadaptation along the Food Chain. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4388-4402.	1.4	39
98	<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
99	Environmental dissemination of pathogenic <i>Listeria monocytogenes</i> in flowing surface waters in Switzerland. <i>Scientific Reports</i> , 2021, 11, 9066.	1.6	39
100	Draft Genome Sequence of <i>Escherichia coli</i> S51, a Chicken Isolate Harboring a Chromosomally Encoded <i>mcr-1</i> Gene. <i>Genome Announcements</i> , 2016, 4, .	0.8	38
101	Fourier Transform Infrared Spectroscopy enables rapid differentiation of fresh and frozen/thawed chicken. <i>Food Control</i> , 2016, 60, 361-364.	2.8	38
102	Molecular characterization of the Î±-glucosidase activity in <i>Enterobacter sakazakii</i> reveals the presence of a putative gene cluster for palatinose metabolism. <i>Systematic and Applied Microbiology</i> , 2006, 29, 609-625.	1.2	37
103	Cellulose as an Extracellular Matrix Component Present in <i>Enterobacter sakazakii</i> Biofilms. <i>Journal of Food Protection</i> , 2008, 71, 13-18.	0.8	37
104	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
105	Antimicrobial resistant and extendedâ€spectrum Î²-lactamase producing <i>Escherichia coli</i> in common wild bird species in Switzerland. <i>MicrobiologyOpen</i> , 2019, 8, e845.	1.2	37
106	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
107	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
108	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

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109	Antibacterial activity of decontamination treatments for pig carcasses. <i>Food Control</i> , 2011, 22, 1121-1125.	2.8	35
110	Shiga Toxin Subtypes Associated with Shiga Toxin-Producing <i>Escherichia coli</i> Strains Isolated from Red Deer, Roe Deer, Chamois, and Ibex. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 792-795.	0.8	35
111	Presence of AmpC Beta-Lactamases, CSA-1, CSA-2, CMA-1, and CMA-2 Conferring an Unusual Resistance Phenotype in <i>Cronobacter sakazakii</i> and <i>Cronobacter malonaticus</i> . <i>Microbial Drug Resistance</i> , 2014, 20, 275-280.	0.9	35
112	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
113	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
114	ESBL-Producing Enterobacteriaceae: Occurrence, Risk Factors for Fecal Carriage and Strain Traits in the Swiss Slaughter Cattle Population Younger than 2 Years Sampled at Abattoir Level. <i>PLoS ONE</i> , 2013, 8, e71725.	1.1	35
115	Local Outbreak of <i>Listeria monocytogenes</i> Serotype 4b Sequence Type 6 Due to Contaminated Meat Pâté. <i>Foodborne Pathogens and Disease</i> , 2017, 14, 219-222.	0.8	34
116	Listeriosis Caused by Persistence of <i>Listeria monocytogenes</i> Serotype 4b Sequence Type 6 in Cheese Production Environment. <i>Emerging Infectious Diseases</i> , 2021, 27, 284-288.	2.0	34
117	The VIT® technology for rapid detection of <i>Listeria monocytogenes</i> and other <i>Listeria</i> spp.. <i>International Journal of Food Microbiology</i> , 2003, 89, 287-290.	2.1	33
118	Phenotypic and molecular typing of <i>Listeria monocytogenes</i> isolated from the processing environment and products of a sandwich-producing plant. <i>Food Control</i> , 2010, 21, 1519-1523.	2.8	33
119	Temporal expression of the staphylococcal enterotoxin D gene under NaCl stress conditions. <i>FEMS Microbiology Letters</i> , 2015, 362, .	0.7	33
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256	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
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290	Characterisation of CTX-M-117, a Pro174Gln variant of CTX-M-15 extended-spectrum β -lactamase, from a bovine <i>Escherichia coli</i> isolate. <i>International Journal of Antimicrobial Agents</i> , 2013, 41, 94-95.	1.1	4
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