Katrin Zurfluh

List of Publications by Year
in descending order

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65 papers	2,072 citations	218677 26 h-index	254184 43 g-index
66 all docs	66 docs citations	66 times ranked	3063 citing authors

#	Article	IF	Citations
1	Characteristics of Extended-Spectrum Î²-Lactamase- and Carbapenemase-Producing Enterobacteriaceae Isolates from Rivers and Lakes in Switzerland. Applied and Environmental Microbiology, 2013, 79, 3021-3026.	3.1	240
2	Extended-Spectrum-Î²-Lactamase-Producing Enterobacteriaceae Isolated from Vegetables Imported from the Dominican Republic, India, Thailand, and Vietnam. Applied and Environmental Microbiology, 2015, 81, 3115-3120.	3.1	145
3	Long tail fibres of the novel broadâ€hostâ€range <scp>T</scp>â€even bacteriophage <scp>S</scp>16 specifically recognize <scp>S</scp>almonella<scp>OmpC</scp>. Molecular Microbiology, 2013, 87, 818-834.	2.5	102
4	Salmonella enterica serovar Infantis from Food and Human Infections, Switzerland, 2010â€“2015: Poultry-Related Multidrug Resistant Clones and an Emerging ESBL Producing Clonal Lineage. Frontiers in Microbiology, 2017, 8, 1322.	3.5	101
5	Vertical transmission of highly similar blaCTX-M-1-harboring IncI1 plasmids in Escherichia coli with different MLST types in the poultry production pyramid. Frontiers in Microbiology, 2014, 5, 519.	3.5	74
6	Full-Length Nucleotide Sequences of mcr-1 -Harboring Plasmids Isolated from Extended-Spectrum-Î²-Lactamase-Producing Escherichia coli Isolates of Different Origins. Antimicrobial Agents and Chemotherapy, 2016, 60, 5589-5591.	3.2	72
7	Wastewater is a reservoir for clinically relevant carbapenemase- and 16s rRNA methylase-producing Enterobacteriaceae. International Journal of Antimicrobial Agents, 2017, 50, 436-440.	2.5	68
8	High Prevalence of Extended-Spectrum Î²-Lactamase Producing Enterobacteriaceae Among Clinical Isolates From Cats and Dogs Admitted to a Veterinary Hospital in Switzerland. Frontiers in Veterinary Science, 2018, 5, 62.	2.2	68
9	Key features of mcr-1-bearing plasmids from Escherichia coli isolated from humans and food. Antimicrobial Resistance and Infection Control, 2017, 6, 91.	4.1	64
10	Antimicrobial resistance, multilocus sequence types and virulence profiles of ESBL producing and non-ESBL producing uropathogenic Escherichia coli isolated from cats and dogs in Switzerland. Veterinary Microbiology, 2018, 216, 79-84.	1.9	60
11	Quinolone Resistance Mechanisms among Extended-Spectrum Beta-Lactamase (ESBL) Producing Escherichia coli Isolated from Rivers and Lakes in Switzerland. PLoS ONE, 2014, 9, e95864.	2.5	55
12	Environmental dissemination of carbapenemase-producing Enterobacteriaceae in rivers in Switzerland. Environmental Pollution, 2020, 265, 115081.	7.5	51
13	ShigellaAntimicrobial Drug Resistance Mechanisms, 2004â€“2014. Emerging Infectious Diseases, 2016, 22, 1083-1085.	4.3	50
14	Raw meat-based diets for companion animals: a potential source of transmission of pathogenic and antimicrobial-resistant Enterobacteriaceae. Royal Society Open Science, 2019, 6, 191170.	2.4	47
15	Screening for fecal carriage of MCR-producing Enterobacteriaceae in healthy humans and primary care patients. Antimicrobial Resistance and Infection Control, 2017, 6, 28.	4.1	46
16	The tailâ€associated depolymerase of <scp>E</scp>rwinia amylovora phage <scp>L1</scp> mediates host cell adsorption and enzymatic capsule removal, which can enhance infection by other phage. Environmental Microbiology, 2014, 16, 2168-2180.	3.8	45
17	Mobile fosfomycin resistance genes in Enterobacteriaceaeâ€”An increasing threat. MicrobiologyOpen, 2020, 9, e1135.	3.0	44
18	Nematotoxicity of Marasmius oreades Agglutinin (MOA) Depends on Glycolipid Binding and Cysteine Protease Activity. Journal of Biological Chemistry, 2011, 286, 30337-30343.	3.4	42

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19	Replicon typing of plasmids carrying blaCTX-M-1 in Enterobacteriaceae of animal, environmental and human origin. Frontiers in Microbiology, 2014, 5, 555.	3.5	42
20	Clonal Diversity, Virulence Potential and Antimicrobial Resistance of Escherichia coli Causing Community Acquired Urinary Tract Infection in Switzerland. Frontiers in Microbiology, 2017, 8, 2334.	3.5	40
21	Environmental dissemination of pathogenic Listeria monocytogenes in flowing surface waters in Switzerland. Scientific Reports, 2021, 11, 9066.	3.3	39
22	Draft Genome Sequence of Escherichia coli S51, a Chicken Isolate Harboring a Chromosomally Encoded mcr-1 Gene. Genome Announcements, 2016, 4, .	0.8	38
23	Antimicrobial resistant and extendedâ€spectrum Î²â€lactamase producing Escherichia coli in common wild bird species in Switzerland. MicrobiologyOpen, 2019, 8, e845.	3.0	37
24	Reuterin Demonstrates Potent Antimicrobial Activity Against a Broad Panel of Human and Poultry Meat Campylobacter spp. Isolates. Microorganisms, 2020, 8, 78.	3.6	37
25	Enterobacteriaceae with Extended-Spectrum- and pAmpC-Type Î²-Lactamase-Encoding Genes Isolated from Freshwater Fish from Two Lakes in Switzerland. Antimicrobial Agents and Chemotherapy, 2014, 58, 2482-2484.	3.2	31
26	Sequence Types and Antimicrobial Resistance Profiles of Streptococcus uberis Isolated From Bovine Mastitis. Frontiers in Veterinary Science, 2019, 6, 234.	2.2	31
27	Emergence of Escherichia coli producing OXA-48 Î²-lactamase in the community in Switzerland. Antimicrobial Resistance and Infection Control, 2015, 4, 9.	4.1	28
28	Replicon typing of plasmids carrying blaCTX-M-15 among Enterobacteriaceae isolated at the environment, livestock and human interface. Science of the Total Environment, 2015, 521-522, 75-78.	8.0	26
29	Characterization of the genetic environment of blaESBL genes, integrons and toxin-antitoxin systems identified on large transferrable plasmids in multi-drug resistant Escherichia coli. Frontiers in Microbiology, 2015, 5, 716.	3.5	24
30	Features of the mcr-1 Cassette Related to Colistin Resistance. Antimicrobial Agents and Chemotherapy, 2016, 60, 6438-6439.	3.2	21
31	First report of a blaNDM-5-harbouring Escherichia coli ST167 isolated from a wound infection in a dog in Switzerland. Journal of Global Antimicrobial Resistance, 2018, 15, 226-227.	2.2	21
32	Quinolone Resistance Mechanisms in Salmonella enterica Serovars Hadar, Kentucky, Virchow, Schwarzengrund, and 4,5,12:i:â^, Isolated from Humans in Switzerland, and Identification of a Novel qnrD Variant, qnrD2 , in S . Hadar. Antimicrobial Agents and Chemotherapy, 2014, 58, 3560-3563.	3.2	18
33	Complete and assembled genome sequence of an NDM-9- and CTX-M-15-producing Klebsiella pneumoniae ST147 wastewater isolate from Switzerland. Journal of Global Antimicrobial Resistance, 2018, 13, 53-54.	2.2	16
34	Quantitative microbiological slaughter process analysis in a large-scale Swiss poultry abattoir. Food Control, 2019, 105, 86-93.	5.5	16
35	Lineageâ€specific evolution and gene flow inListeria monocytogenesare independent of bacteriophages. Environmental Microbiology, 2020, 22, 5058-5072.	3.8	16
36	Cross-Sectional Study on Fecal Carriage ofEnterobacteriaceaewith Resistance to Extended-Spectrum Cephalosporins in Primary Care Patients. Microbial Drug Resistance, 2013, 19, 362-369.	2.0	15

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37	Complete and assembled genome sequence of an NDM-5- and CTX-M-15-producing Escherichia coli sequence type 617 isolated from wastewater in Switzerland. Journal of Global Antimicrobial Resistance, 2018, 15, 105-106.	2.2	15
38	Phenotypic and Genotypic Traits of Vancomycin-Resistant Enterococci from Healthy Food-Producing Animals. Microorganisms, 2020, 8, 261.	3.6	15
39	Phenotypic and genotypic characteristics of Escherichia coli with non-susceptibility to quinolones isolated from environmental samples on pig farms. Porcine Health Management, 2019, 5, 9.	2.6	14
40	Identification of genes involved in serum tolerance in the clinical strain Cronobacter sakazakiiES5. BMC Microbiology, 2013, 13, 38.	3.3	13
41	Transmission Chains of Extended-Spectrum Beta-Lactamase-Producing Enterobacteriaceae at the Companion Animal Veterinary Clinicâ€“Household Interface. Antibiotics, 2021, 10, 171.	3.7	13
42	Characteristics of fosA-carrying plasmids in E. coli and Klebsiella spp. isolates originating from food and environmental samples. Journal of Antimicrobial Chemotherapy, 2021, 76, 2004-2011.	3.0	11
43	No evidence so far for the dissemination of carbapenemase-producing Enterobactericeae in the community in Switzerland. Antimicrobial Resistance and Infection Control, 2013, 2, 23.	4.1	10
44	A Novel Tn3-Like Composite Transposon HarboringblaVIM-1inKlebsiella pneumoniaespp.pneumoniaeIsolated from River Water. Microbial Drug Resistance, 2015, 21, 43-49.	2.0	10
45	First report of an mcr-1-harboring Salmonella enterica subsp. enterica serotype 4,5,12:i:- strain isolated from blood of a patient in Switzerland. International Journal of Antimicrobial Agents, 2018, 52, 740-741.	2.5	10
46	Phenotypic and Genotypic Characterization of Clinical Isolates Belonging to the Acinetobacter calcoaceticus-Acinetobacter baumannii (ACB) Complex Isolated From Animals Treated at a Veterinary Hospital in Switzerland. Frontiers in Veterinary Science, 2019, 6, 17.	2.2	10
47	Assessment of animals as a reservoir for colistin resistance: No MCR-1/MCR-2-producing Enterobacteriaceae detected in Swiss livestock. Journal of Global Antimicrobial Resistance, 2017, 8, 33-34.	2.2	9
48	Higher-generation cephalosporin-resistant Escherichia coli in feral birds in Switzerland. International Journal of Antimicrobial Agents, 2013, 41, 296-297.	2.5	8
49	A Cronobacter turicensis O1 Antigen-Specific Monoclonal Antibody Inhibits Bacterial Motility and Entry into Epithelial Cells. Infection and Immunity, 2015, 83, 876-887.	2.2	8
50	Animal petting zoos as sources of Shiga toxinâ€producing Escherichia coli, Salmonella and extendedâ€spectrum Î²â€lactamase (ESBL)â€producing Enterobacteriaceae. Zoonoses and Public Health, 2021, 68, 79-87.	2.2	8
51	Full-Genome Sequence of Escherichia coli K-15KW01, a Uropathogenic E. coli B2 Sequence Type 127 Isolate Harboring a Chromosomally Carried bla CTX-M-15 Gene. Genome Announcements, 2016, 4, .	0.8	7
52	Complete and Assembled Genome Sequence of Salmonella enterica subsp. enterica Serotype Senftenberg N17-509, a Strain Lacking Salmonella Pathogen Island 1. Genome Announcements, 2018, 6, .	0.8	6
53	Antimicrobial resistance profiles of Escherichia coli and prevalence of extendedâ€spectrum betaâ€lactamaseâ€producing Enterobacteriaceae in calves from organic and conventional dairy farms in Switzerland. MicrobiologyOpen, 2022, 11, e1269.	3.0	5
54	Complete Genome Sequence of Citrobacter freundii 705SK3, an OXA-48-Encoding Wastewater Isolate. Genome Announcements, 2017, 5, .	0.8	4

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55	Decontamination of knives used in a slaughterhouse by a commercial non-thermal UV-C treatment. Italian Journal of Food Safety, 2019, 8, 8107.	0.8	4
56	Full Genome Sequence of pT3, a Multiresistant Plasmid Carrying the mcr-3.5 Colistin Resistance Gene, Recovered from an Extended-Spectrum-Î²-Lactamase-Producing Escherichia coli Isolate from Crickets Sold as Food. Microbiology Resource Announcements, 2019, 8, .	0.6	4
57	Occurrence of Escherichia coli non-susceptible to quinolones in faecal samples from fluoroquinolone-treated, contact and control pigs of different ages from 24 Swiss pig farms. Porcine Health Management, 2021, 7, 29.	2.6	4
58	Complete Genome Sequence of Escherichia coli ABWA45, an rmtB -Encoding Wastewater Isolate. Genome Announcements, 2017, 5, .	0.8	3
59	Complete Genome Sequence of Hafnia paralvei Isolate AVS0177, Harboring mcr-9 on a Plasmid. Microbiology Resource Announcements, 2022, 11, e0096621.	0.6	3
60	Long-term shedding of CTX-M-15-producing Escherichia coli B2:ST127 by a healthy asymptomatic carrier. International Journal of Antimicrobial Agents, 2016, 48, 466.	2.5	2
61	Draft Genome Sequence of Klebsiella pneumoniae 704SK6, an OXA-48- and CTX-M-15-Encoding Wastewater Isolate. Genome Announcements, 2017, 5, .	0.8	2
62	Complete and Assembled Genome Sequences of Pantoea calida DSM 22759 T and Pantoea gaviniae DSM 22758 T. Genome Announcements, 2018, 6, .	0.8	2
63	Complete Genome Sequence of Enterobacter cloacae 704SK10, an OXA-48-Encoding Wastewater Isolate. Genome Announcements, 2017, 5, .	0.8	1
64	Complete Genome Sequence of Colistin-Resistant, mcr-10 -Harboring, Enterobacter cloacae Isolate AVS0889, Recovered from River Water in Switzerland. Microbiology Resource Announcements, 2022, 11, e0016522.	0.6	1
65	Complete nucleotide sequences of six blaCTX-M-1-encoding plasmids from Escherichia coli isolated from urinary tract and wound infections in dogs. Journal of Global Antimicrobial Resistance, 2019, 16, 117-119.	2.2	0