

Katrin Zurfluh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6587690/publications.pdf>

Version: 2024-02-01

65
papers

2,072
citations

218381

26
h-index

253896

43
g-index

66
all docs

66
docs citations

66
times ranked

3063
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Long tail fibres of the novel broad-host-range λ -even bacteriophage λ 16 specifically recognize <i>S. almonella</i> <i>OmpC</i> . <i>Molecular Microbiology</i> , 2013, 87, 818-834.	1.2	102
4	Salmonella enterica 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
5	Vertical transmission of highly similar blaCTX-M-1-harboring IncI1 plasmids in Escherichia coli with different MLST types in the poultry production pyramid. <i>Frontiers in Microbiology</i> , 2014, 5, 519.	1.5	74
6	Full-Length Nucleotide Sequences of <i>mcr-1</i> -Harboring Plasmids Isolated from Extended-Spectrum β -Lactamase-Producing Escherichia coli Isolates of Different Origins. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5589-5591.	1.4	72
7	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
8	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
9	Key features of <i>mcr-1</i> -bearing plasmids from Escherichia coli isolated from humans and food. <i>Antimicrobial Resistance and Infection Control</i> , 2017, 6, 91.	1.5	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. <i>Veterinary Microbiology</i> , 2018, 216, 79-84.	0.8	60
11	Quinolone Resistance Mechanisms among Extended-Spectrum Beta-Lactamase (ESBL) Producing Escherichia coli Isolated from Rivers and Lakes in Switzerland. <i>PLoS ONE</i> , 2014, 9, e95864.	1.1	55
12	Environmental dissemination of carbapenemase-producing Enterobacteriaceae in rivers in Switzerland. <i>Environmental Pollution</i> , 2020, 265, 115081.	3.7	51
13	<i>Shigella</i> Antimicrobial Drug Resistance Mechanisms, 2004–2014. <i>Emerging Infectious Diseases</i> , 2016, 22, 1083-1085.	2.0	50
14	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
15	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
16	The tail-associated depolymerase of <i>Xi</i> rwinia amylovora phage λ L1 mediates host cell adsorption and enzymatic capsule removal, which can enhance infection by other phage. <i>Environmental Microbiology</i> , 2014, 16, 2168-2180.	1.8	45
17	Mobile fosfomycin resistance genes in Enterobacteriaceae—An increasing threat. <i>MicrobiologyOpen</i> , 2020, 9, e1135.	1.2	44
18	Nematotoxicity of Marasmius oreades Agglutinin (MOA) Depends on Glycolipid Binding and Cysteine Protease Activity. <i>Journal of Biological Chemistry</i> , 2011, 286, 30337-30343.	1.6	42

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Environmental dissemination of pathogenic <i>Listeria monocytogenes</i> in flowing surface waters in Switzerland. <i>Scientific Reports</i> , 2021, 11, 9066.	1.6	39
22	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
23	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
24	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
25	Enterobacteriaceae with Extended-Spectrum- and pAmpC-Type β -Lactamase-Encoding Genes Isolated from Freshwater Fish from Two Lakes in Switzerland. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2482-2484.	1.4	31
26	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
27	Emergence of <i>Escherichia coli</i> producing OXA-48 β -lactamase in the community in Switzerland. <i>Antimicrobial Resistance and Infection Control</i> , 2015, 4, 9.	1.5	28
28	Replicon typing of plasmids carrying blaCTX-M-15 among Enterobacteriaceae isolated at the environment, livestock and human interface. <i>Science of the Total Environment</i> , 2015, 521-522, 75-78.	3.9	26
29	Characterization of the genetic environment of blaESBL genes, integrons and toxin-antitoxin systems identified on large transferrable plasmids in multi-drug resistant <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2015, 5, 716.	1.5	24
30	Features of the <i>mcr-1</i> Cassette Related to Colistin Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6438-6439.	1.4	21
31	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
32	Quinolone Resistance Mechanisms in <i>Salmonella enterica</i> Serovars Hadar, Kentucky, Virchow, Schwarzengrund, and 4,5,12:i:â”, Isolated from Humans in Switzerland, and Identification of a Novel <i>qnrD</i> Variant, <i>qnrD2</i> , in <i>S.</i> Hadar. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3560-3563.	1.4	18
33	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
34	Quantitative microbiological slaughter process analysis in a large-scale Swiss poultry abattoir. <i>Food Control</i> , 2019, 105, 86-93.	2.8	16
35	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
36	Cross-Sectional Study on Fecal Carriage of Enterobacteriaceae with Resistance to Extended-Spectrum Cephalosporins in Primary Care Patients. <i>Microbial Drug Resistance</i> , 2013, 19, 362-369.	0.9	15

#	ARTICLE	IF	CITATIONS
37	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
38	Phenotypic and Genotypic Traits of Vancomycin-Resistant Enterococci from Healthy Food-Producing Animals. <i>Microorganisms</i> , 2020, 8, 261.	1.6	15
39	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
40	Identification of genes involved in serum tolerance in the clinical strain <i>Cronobacter sakazakii</i> ES5. <i>BMC Microbiology</i> , 2013, 13, 38.	1.3	13
41	Transmission Chains of Extended-Spectrum Beta-Lactamase-Producing Enterobacteriaceae at the Companion Animal Veterinary Clinicâ€œHousehold Interface. <i>Antibiotics</i> , 2021, 10, 171.	1.5	13
42	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
43	No evidence so far for the dissemination of carbapenemase-producing Enterobacteriaceae in the community in Switzerland. <i>Antimicrobial Resistance and Infection Control</i> , 2013, 2, 23.	1.5	10
44	A Novel Tn3-Like Composite Transposon Harboring <i>bla</i> VIM-1 in <i>Klebsiella pneumoniae</i> spp. pneumoniae isolated from River Water. <i>Microbial Drug Resistance</i> , 2015, 21, 43-49.	0.9	10
45	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
46	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
47	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
48	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
49	A <i>Cronobacter turicensis</i> O1 Antigen-Specific Monoclonal Antibody Inhibits Bacterial Motility and Entry into Epithelial Cells. <i>Infection and Immunity</i> , 2015, 83, 876-887.	1.0	8
50	Animal petting zoos as sources of Shiga toxinâ€œproducing <i>Escherichia coli</i> , <i>Salmonella</i> and extendedâ€œspectrum Î²-lactamase (ESBL)â€œproducing Enterobacteriaceae. <i>Zoonoses and Public Health</i> , 2021, 68, 79-87.	0.9	8
51	Full-Genome Sequence of <i>Escherichia coli</i> K-15KW01, a Uropathogenic <i>E. coli</i> B2 Sequence Type 127 Isolate Harboring a Chromosomally Carried <i>bla</i> CTX-M-15 Gene. <i>Genome Announcements</i> , 2016, 4, .	0.8	7
52	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
53	Antimicrobial resistance profiles of <i>Escherichia coli</i> and prevalence of extendedâ€œspectrum beta-lactamaseâ€œproducing Enterobacteriaceae in calves from organic and conventional dairy farms in Switzerland. <i>MicrobiologyOpen</i> , 2022, 11, e1269.	1.2	5
54	Complete Genome Sequence of <i>Citrobacter freundii</i> 705SK3, an OXA-48-Encoding Wastewater Isolate. <i>Genome Announcements</i> , 2017, 5, .	0.8	4

#	ARTICLE	IF	CITATIONS
55	Decontamination of knives used in a slaughterhouse by a commercial non-thermal UV-C treatment. Italian Journal of Food Safety, 2019, 8, 8107.	0.5	4
56	Full Genome Sequence of pT3, a Multiresistant Plasmid Carrying the mcr-3.5 Colistin Resistance Gene, Recovered from an Extended-Spectrum-β-Lactamase-Producing Escherichia coli Isolate from Crickets Sold as Food. Microbiology Resource Announcements, 2019, 8, .	0.3	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.	0.9	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 <i>mcr-9</i> on a Plasmid. Microbiology Resource Announcements, 2022, 11, e0096621.	0.3	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.	1.1	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, <i>mcr-10</i> -Harboring, Enterobacter cloacae Isolate AVS0889, Recovered from River Water in Switzerland. Microbiology Resource Announcements, 2022, 11, e0016522.	0.3	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.	0.9	0