

# Eliana G Stehling

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99  
papers

949  
citations

16  
h-index

24  
g-index

104  
ext. papers

1,258  
ext. citations

3.7  
avg, IF

4.76  
L-index

#	Paper	IF	Citations
99	Genomic characterization of multidrug-resistant extraintestinal pathogenic <i>Escherichia coli</i> isolated from grain culture soils. <i>Pedosphere</i> , <b>2022</b> , 32, 495-502	5	
98	Colistin-resistant <i>mcr-1</i> -positive <i>Escherichia coli</i> ST1775-H137 co-harboring <i>bla</i> and <i>bla</i> recovered from an urban stream. <i>Infection, Genetics and Evolution</i> , <b>2021</b> , 96, 105156	4.5	0
97	The potential of using <i>E. coli</i> as an indicator for the surveillance of antimicrobial resistance (AMR) in the environment. <i>Current Opinion in Microbiology</i> , <b>2021</b> , 64, 152-158	7.9	7
96	Whole-genome sequence-based analysis of the <i>Paenibacillus aquistagni</i> strain DK1, a polyethylene-degrading bacterium isolated from landfill. <i>World Journal of Microbiology and Biotechnology</i> , <b>2021</b> , 37, 80	4.4	0
95	Colistin-Resistant -Positive ST131-22 Carrying and in Agricultural Soil. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 659900	5.7	6
94	Occurrence of multidrug-resistant <i>Enterococcus faecium</i> isolated from environmental samples. <i>Letters in Applied Microbiology</i> , <b>2021</b> , 73, 237-246	2.9	2
93	Characterization of multidrug-resistant and virulent <i>Klebsiella pneumoniae</i> strains belonging to the high-risk clonal group 258 (CG258) isolated from inpatients in northeastern Brazil. <i>Archives of Microbiology</i> , <b>2021</b> , 203, 4351-4359	3	3
92	Appearance of <i>mcr-9</i> , <i>bla</i> , <i>cfr</i> and other clinically relevant antimicrobial resistance genes in recreation waters and sands from urban beaches, Brazil. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 167, 112334	6.7	0
91	Comparative phylo-pangenomics reveals generalist lifestyles in representative <i>Acinetobacter</i> species and proposes candidate gene markers for species identification. <i>Gene</i> , <b>2021</b> , 791, 145707	3.8	4
90	Multidrug resistance IncC plasmid carrying <i>bla</i> in Shiga toxin-producing <i>Escherichia coli</i> ST215-H54 of ovine origin. <i>Infection, Genetics and Evolution</i> , <b>2021</b> , 93, 104989	4.5	2
89	Multiple sequence types, virulence determinants and antimicrobial resistance genes in multidrug- and colistin-resistant <i>Escherichia coli</i> from agricultural and non-agricultural soils. <i>Environmental Pollution</i> , <b>2021</b> , 288, 117804	9.3	3
88	Molecular characterization of an extensively drug-resistant <i>Acinetobacter baumannii</i> isolated from a corn culture soil. <i>Pedosphere</i> , <b>2021</b> , 31, 973-976	5	
87	Hypermucoviscous/hypervirulent and extensively drug-resistant QnrB2-, QnrS1-, and CTX-M-3-coproducing <i>Klebsiella pneumoniae</i> ST2121 isolated from an infected elephant ( <i>Loxodonta africana</i> ). <i>Veterinary Microbiology</i> , <b>2020</b> , 251, 108909	3.3	5
86	Co-occurrence of <i>mcr-1</i> , <i>mcr-3</i> , <i>mcr-7</i> and clinically relevant antimicrobial resistance genes in environmental and fecal samples. <i>Archives of Microbiology</i> , <b>2020</b> , 202, 1795-1800	3	10
85	Genetic Diversity of Multidrug-Resistant CMY-Producing From Feces and Soil in a Small-Scale Pig Farm. <i>Microbial Drug Resistance</i> , <b>2020</b> , 26, 1365-1371	2.9	3
84	Comparative analysis of multidrug resistance plasmids and genetic background of CTX-M-producing <i>Escherichia coli</i> recovered from captive wild animals. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 6707-6717	5.7	7
83	Genomic insights into multidrug-resistant and hypervirulent <i>Klebsiella pneumoniae</i> co-harboring metal resistance genes in aquatic environments. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 201, 110782	7.82	11

82	Widespread high-risk clones of multidrug-resistant extended-spectrum $\beta$ -lactamase-producing <i>Escherichia coli</i> B2-ST131 and F-ST648 in public aquatic environments. <i>International Journal of Antimicrobial Agents</i> , <b>2020</b> , 56, 106040	14.3	7
81	High Level of Resistance to Antimicrobials and Heavy Metals in Multidrug-Resistant <i>Pseudomonas</i> sp. Isolated from Water Sources. <i>Current Microbiology</i> , <b>2020</b> , 77, 2694-2701	2.4	4
80	Presence of Colistin Resistance <i>mcr-4</i> Gene and Clinically Relevant Antimicrobial Resistance Genes in Sand Samples from a Public Beach. <i>Water, Air, and Soil Pollution</i> , <b>2020</b> , 231, 1	2.6	5
79	Occurrence and abundance of clinically relevant antimicrobial resistance genes in environmental samples after the Brumadinho dam disaster, Brazil. <i>Science of the Total Environment</i> , <b>2020</b> , 726, 138100	10.2	14
78	A mini-review: current advances in polyethylene biodegradation. <i>World Journal of Microbiology and Biotechnology</i> , <b>2020</b> , 36, 32	4.4	22
77	Genomic Characterization of a Multidrug-Resistant and Hypermucoviscous/Hypervirulent subsp. ST4417 Isolated from a Sewage Treatment Plant. <i>Microbial Drug Resistance</i> , <b>2020</b> , 26, 1321-1325	2.9	7
76	Fecal cultivable aerobic microbiota of dairy cows and calves acting as reservoir of clinically relevant antimicrobial resistance genes. <i>Brazilian Journal of Microbiology</i> , <b>2020</b> , 51, 1377-1382	2.2	2
75	Presence of blaOXA-48-carrying IncF plasmid in an <i>Escherichia fergusonii</i> strain isolated from a sugarcane soil. <i>Pedosphere</i> , <b>2020</b> , 30, 293-294	5	3
74	International high-risk clone of multidrug-resistant CTX-M-8-producing <i>Escherichia coli</i> C-ST410 infecting an elephant ( <i>Loxodonta africana</i> ) in a zoo. <i>Journal of Global Antimicrobial Resistance</i> , <b>2020</b> , 22, 643-645	3.4	0
73	Occurrence of clinically relevant antimicrobial resistance genes, including and , in soil and water from a recreation club. <i>International Journal of Environmental Health Research</i> , <b>2020</b> , 1-10	3.6	1
72	Dispersion of <i>merA</i> and catabolic genes in Brazilian water sources. <i>Ecological Indicators</i> , <b>2020</b> , 108, 105704	9.4	0
71	Impact of Atrazine Exposure on the Microbial Community Structure in a Brazilian Tropical Latosol Soil. <i>Microbes and Environments</i> , <b>2020</b> , 35,	2.6	11
70	Characterization of an Environmental Multidrug-Resistant and Comparative Genomic Analysis Reveals Co-occurrence of Antimicrobial Resistance and Metal Tolerance Determinants. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2151	5.7	8
69	Draft genome sequence of a multidrug-resistant tetA/IncF-harboursing <i>Escherichia coli</i> ST906 obtained from a soil cultivated with jaborcaba ( <i>Plinia cauliflora</i> ). <i>Journal of Global Antimicrobial Resistance</i> , <b>2019</b> , 16, 181-182	3.4	4
68	Draft genome sequence of a multidrug-resistant <i>Escherichia coli</i> ST189 carrying several acquired antimicrobial resistance genes obtained from Brazilian soil. <i>Journal of Global Antimicrobial Resistance</i> , <b>2019</b> , 17, 321-322	3.4	7
67	Heavy metal resistance genes and plasmid-mediated quinolone resistance genes in <i>Arthrobacter</i> sp. isolated from Brazilian soils. <i>Antonie Van Leeuwenhoek</i> , <b>2019</b> , 112, 1553-1558	2.1	2
66	Molecular characterisation of multidrug-resistant <i>Klebsiella pneumoniae</i> belonging to CC258 isolated from outpatients with urinary tract infection in Brazil. <i>Journal of Global Antimicrobial Resistance</i> , <b>2019</b> , 18, 74-79	3.4	6
65	Alternative biodegradation pathway of the herbicide diuron. <i>International Biodeterioration and Biodegradation</i> , <b>2019</b> , 143, 104716	4.8	15

64	Plasmids associated with heavy metal resistance and herbicide degradation potential in bacterial isolates obtained from two Brazilian regions. <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 191, 314	3.1	4
63	Isolation of a polyethylene degrading <i>Paenibacillus</i> sp. from a landfill in Brazil. <i>Archives of Microbiology</i> , <b>2019</b> , 201, 699-704	3	22
62	Draft genome sequence of a multidrug-resistant CTX-M-65-producing <i>Escherichia coli</i> ST156 colonizing a giant anteater ( <i>Myrmecophaga tridactyla</i> ) in a Zoo. <i>Journal of Global Antimicrobial Resistance</i> , <b>2019</b> , 17, 19-20	3.4	3
61	Evaluation of different molecular and phenotypic methods for identification of environmental <i>Burkholderia cepacia</i> complex. <i>World Journal of Microbiology and Biotechnology</i> , <b>2019</b> , 35, 39	4.4	14
60	Characterization of non-O157 Shiga toxin-producing <i>Escherichia coli</i> (STEC) obtained from feces of sheep in Brazil. <i>World Journal of Microbiology and Biotechnology</i> , <b>2019</b> , 35, 134	4.4	4
59	Molecular characterization of multidrug-resistant Shiga toxin-producing harboring antimicrobial resistance genes obtained from a farmhouse. <i>Pathogens and Global Health</i> , <b>2019</b> , 113, 268-274	3.1	10
58	Characterization of Acquired Antimicrobial Resistance Genes in Environmental Isolates from Brazil. <i>Microbial Drug Resistance</i> , <b>2019</b> , 25, 475-479	2.9	7
57	Change in the antimicrobial resistance profile of <i>Pseudomonas aeruginosa</i> from soil after exposure to herbicides. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , <b>2019</b> , 54, 290-293	2.2	2
56	New STs in multidrug-resistant <i>Acinetobacter baumannii</i> harbouring $\beta$ -lactamases encoding genes isolated from Brazilian soils. <i>Journal of Applied Microbiology</i> , <b>2018</b> , 125, 506-512	4.7	7
55	Detection of $\beta$ -lactamase encoding genes in feces, soil and water from a Brazilian pig farm. <i>Environmental Monitoring and Assessment</i> , <b>2018</b> , 190, 76	3.1	11
54	Detection of bla <sub>PER</sub> on an IncA/C Plasmid in <i>Stenotrophomonas maltophilia</i> Isolated from Brazilian Soil. <i>Water, Air, and Soil Pollution</i> , <b>2018</b> , 229, 1	2.6	2
53	Degradation of atrazine by <i>Pseudomonas</i> sp. and <i>Achromobacter</i> sp. isolated from Brazilian agricultural soil. <i>International Biodeterioration and Biodegradation</i> , <b>2018</b> , 130, 17-22	4.8	22
52	Presence of $\beta$ -lactamase Encoding Genes in <i>Burkholderia cepacia</i> Complex Isolated from Soil. <i>Microbial Drug Resistance</i> , <b>2018</b> , 24, 347-352	2.9	2
51	Detection of bla <sub>NDM-1</sub> in <i>Stenotrophomonas maltophilia</i> isolated from Brazilian soil. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2018</b> , 113, e170558	2.6	9
50	Detection of different $\beta$ -lactamases encoding genes, including bla, and plasmid-mediated quinolone resistance genes in different water sources from Brazil. <i>Environmental Monitoring and Assessment</i> , <b>2018</b> , 190, 407	3.1	15
49	Genotypic diversity and presence of $\beta$ -lactamase encoding genes in <i>Pseudomonas aeruginosa</i> isolated from Brazilian soils. <i>Applied Soil Ecology</i> , <b>2018</b> , 129, 94-97	5	2
48	A Fatal Bacteremia Caused by Hypermucousviscous KPC-2 Producing Extensively Drug-Resistant K64-ST11 in Brazil. <i>Frontiers in Medicine</i> , <b>2018</b> , 5, 265	4.9	16
47	Replicon typing of plasmids in environmental <i>Achromobacter</i> sp. producing quinolone-resistant determinants. <i>Apmis</i> , <b>2018</b> , 126, 864-869	3.4	6

46	Detection of virulence and $\beta$ -lactamase encoding genes in <i>Enterobacter aerogenes</i> and <i>Enterobacter cloacae</i> clinical isolates from Brazil. <i>Brazilian Journal of Microbiology</i> , <b>2018</b> , 49 Suppl 1, 224-228	2.2	14
45	<i>Buttiauxella chrysanthemi</i> sp. nov., isolated from a chrysanthemum plantation in Brazil. <i>Archives of Microbiology</i> , <b>2018</b> , 200, 1365-1369	3	2
44	Presence of $\beta$ -lactamases Encoding Genes in Soil Samples from Different Origins. <i>Water, Air, and Soil Pollution</i> , <b>2017</b> , 228, 1	2.6	7
43	Importance of Sequencing To Determine Functional Variants. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	2
42	Changes in bacterial community after application of three different herbicides. <i>FEMS Microbiology Letters</i> , <b>2017</b> , 364,	2.9	10
41	Molecular typing and occurrence of beta-lactam resistance genes of <i>Shigella sonnei</i> strains isolated from 1983 to 2014 in the S $\tilde{a}$ Paulo state of Brazil. <i>Microbiology and Immunology</i> , <b>2017</b> , 61, 547-553	2.7	
40	High-level of resistance to $\beta$ -lactam and presence of $\beta$ -lactamases encoding genes in <i>Ochrobactrum</i> sp. and <i>Achromobacter</i> sp. isolated from soil. <i>Journal of Global Antimicrobial Resistance</i> , <b>2017</b> , 11, 133-137	3.4	7
39	Spread of multidrug-resistant high-risk <i>Klebsiella pneumoniae</i> clones in a tertiary hospital from southern Brazil. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 56, 1-7	4.5	14
38	Prevalence of <i>gyrA</i> Mutations in Nalidixic Acid-Resistant Strains of <i>Salmonella Enteritidis</i> Isolated from Humans, Food, Chickens, and the Farm Environment in Brazil. <i>Microbial Drug Resistance</i> , <b>2017</b> , 23, 421-428	2.9	18
37	High prevalence of <i>bla</i> gene in bacteria from Brazilian soil. <i>Canadian Journal of Microbiology</i> , <b>2016</b> , 62, 820-826	3.2	4
36	Mutations in <i>NalC</i> induce <i>MexAB-OprM</i> overexpression resulting in high level of aztreonam resistance in environmental isolates of <i>Pseudomonas aeruginosa</i> . <i>FEMS Microbiology Letters</i> , <b>2016</b> , 363,	2.9	24
35	Transcription profile of <i>Trichophyton rubrum</i> conidia grown on keratin reveals the induction of an adhesin-like protein gene with a tandem repeat pattern. <i>BMC Genomics</i> , <b>2016</b> , 17, 249	4.5	31
34	Heavy metal resistance and virulence profile in <i>Pseudomonas aeruginosa</i> isolated from Brazilian soils. <i>Apmis</i> , <b>2016</b> , 124, 681-8	3.4	15
33	Conjugation between quinolone-susceptible bacteria can generate mutations in the quinolone resistance-determining region, inducing quinolone resistance. <i>International Journal of Antimicrobial Agents</i> , <b>2015</b> , 45, 119-23	14.3	7
32	First report of the <i>bla</i> VIM gene in environmental isolates of <i>Buttiauxella</i> sp. <i>Apmis</i> , <b>2015</b> , 123, 326-9	3.4	5
31	High level of resistance to aztreonam and ticarcillin in <i>Pseudomonas aeruginosa</i> isolated from soil of different crops in Brazil. <i>Science of the Total Environment</i> , <b>2014</b> , 473-474, 155-8	10.2	17
30	Aquatic environments polluted with antibiotics and heavy metals: a human health hazard. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 5873-8	5.1	54
29	Antagonism between clinical and environmental isolates of <i>Pseudomonas aeruginosa</i> against coliforms. <i>Water Science and Technology: Water Supply</i> , <b>2014</b> , 14, 99-106	1.4	1

28	Isolation and characterization of a <i>Pseudomonas aeruginosa</i> from a virgin Brazilian Amazon region with potential to degrade atrazine. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 13974-8	5.1	21
27	Pathogenic potential and genetic diversity of environmental and clinical isolates of <i>Pseudomonas aeruginosa</i> . <i>Apmis</i> , <b>2014</b> , 122, 92-100	3.4	22
26	Antimicrobial resistance, plasmids and class 1 and 2 integrons occurring in <i>Pseudomonas aeruginosa</i> isolated from Brazilian aquatic environments. <i>Water Science and Technology</i> , <b>2013</b> , 67, 1144-9	3.2	11
25	Cloning and purification of IpaC antigen from <i>Shigella flexneri</i> : proposal of a new methodology. <i>Protein and Peptide Letters</i> , <b>2013</b> , 20, 133-9	1.9	2
24	Looking over toxin-K(+) channel interactions. Clues from the structural and functional characterization of $\text{EKTx}$ toxin Tc32, a Kv1.3 channel blocker. <i>Biochemistry</i> , <b>2012</b> , 51, 1885-94	3.2	11
23	Subpathotypes of Avian Pathogenic <i>Escherichia coli</i> (APEC) Exist as Defined by their Syndromes and Virulence Traits. <i>Open Microbiology Journal</i> , <b>2011</b> , 5, 55-64	0.8	27
22	LACTOBACILLUS ACIDOPHILUS DECREASES SALMONELLA TYPHIMURIUM INVASION IN VIVO. <i>Journal of Food Safety</i> , <b>2011</b> , 31, 284-289	2	7
21	Characterization of IcmF of the type VI secretion system in an avian pathogenic <i>Escherichia coli</i> (APEC) strain. <i>Microbiology (United Kingdom)</i> , <b>2011</b> , 157, 2954-2962	2.9	58
20	Prevalence of integrons in <i>Shigella sonnei</i> from Brazil. <i>Journal of Antibiotics</i> , <b>2010</b> , 63, 607-9	3.7	2
19	Molecular typing and biological characteristics of <i>Pseudomonas aeruginosa</i> isolated from cystic fibrosis patients in Brazil. <i>Brazilian Journal of Infectious Diseases</i> , <b>2010</b> , 14, 462-467	2.8	2
18	Molecular typing and biological characteristics of <i>Pseudomonas aeruginosa</i> isolated from cystic fibrosis patients in Brazil. <i>Brazilian Journal of Infectious Diseases</i> , <b>2010</b> , 14, 462-467	2.8	16
17	Molecular typing and biological characteristics of <i>Pseudomonas aeruginosa</i> isolated from cystic fibrosis patients in Brazil. <i>Brazilian Journal of Infectious Diseases</i> , <b>2010</b> , 14, 462-7	2.8	8
16	Virulence factors of avian pathogenic <i>Escherichia coli</i> (APEC). <i>Pesquisa Veterinaria Brasileira</i> , <b>2009</b> , 29, 479-486	0.4	32
15	Molecular epidemiology of <i>Shigella</i> spp strains isolated in two different metropolitan areas of southeast Brazil. <i>Brazilian Journal of Microbiology</i> , <b>2009</b> , 40, 685-692	2.2	5
14	Molecular typing of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) strains isolated in two metropolitan areas of S $\tilde{B}$ Paulo State, southeast Brazil. <i>Brazilian Journal of Infectious Diseases</i> , <b>2009</b> , 13, 165-9	2.8	13
13	Molecular epidemiology of <i>Shigella</i> spp strains isolated in two different metropolitan areas of southeast Brazil. <i>Brazilian Journal of Microbiology</i> , <b>2009</b> , 40, 685-92	2.2	3
12	Development of a bacterial cloning vector for expression of scorpion toxins for biotechnological studies. <i>Protein Expression and Purification</i> , <b>2008</b> , 57, 88-94	2	7
11	Clonal study of avian <i>Escherichia coli</i> strains by fliC conserved-DNA-sequence regions analysis. <i>Pesquisa Veterinaria Brasileira</i> , <b>2008</b> , 28, 508-514	0.4	1

10	Ribotyping, biotyping and capsular typing of <i>Haemophilus influenzae</i> strains isolated from patients in Campinas, southeast Brazil. <i>Brazilian Journal of Infectious Diseases</i> , <b>2008</b> , 12, 430-7	2.8	5
9	The expression of plasmid mediated afimbrial adhesin genes in an avian septicemic <i>Escherichia coli</i> strain. <i>Journal of Veterinary Science</i> , <b>2008</b> , 9, 75-83	1.6	1
8	Molecular genotyping and epidemiology of <i>Mycobacterium tuberculosis</i> isolates obtained from inmates of correctional institutions of Campinas, Southeast Brazil. <i>Brazilian Journal of Infectious Diseases</i> , <b>2008</b> , 12, 487-93	2.8	4
7	Study of biological characteristics of <i>Pseudomonas aeruginosa</i> strains isolated from patients with cystic fibrosis and from patients with extra-pulmonary infections. <i>Brazilian Journal of Infectious Diseases</i> , <b>2008</b> , 12, 86-8	2.8	34
6	Occurrence of virulence-related sequences and phylogenetic analysis of commensal and pathogenic avian <i>Escherichia coli</i> strains (APEC). <i>Pesquisa Veterinaria Brasileira</i> , <b>2008</b> , 28, 533-540	0.4	9
5	Typing of avian pathogenic <i>Escherichia coli</i> strains by REP-PCR. <i>Pesquisa Veterinaria Brasileira</i> , <b>2006</b> , 26, 69-73	0.4	4
4	Adhesion properties, fimbrial expression and PCR detection of adhesin-related genes of avian <i>Escherichia coli</i> strains. <i>Veterinary Microbiology</i> , <b>2005</b> , 106, 275-85	3.3	23
3	Characterization of a plasmid-encoded adhesin of an avian pathogenic <i>Escherichia coli</i> (APEC) strain isolated from a case of swollen head syndrome (SHS). <i>Veterinary Microbiology</i> , <b>2003</b> , 95, 111-20	3.3	15
2	Determination of the clonal structure of avian <i>Escherichia coli</i> strains by isoenzyme and ribotyping analysis. <i>Zoonoses and Public Health</i> , <b>2003</b> , 50, 63-9		14
1	Resistance to gentamicin and related aminoglycosides in <i>Staphylococcus aureus</i> isolated in Brazil. <i>Letters in Applied Microbiology</i> , <b>1999</b> , 29, 197-201	2.9	21