

Eliana G Stehling

List of Publications by Citations

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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 | Characterization of IcmF of the type VI secretion system in an avian pathogenic Escherichia coli (APEC) strain. <i>Microbiology (United Kingdom)</i> , 2011 , 157, 2954-2962 | 2.9 | 58 |
| 98 | Aquatic environments polluted with antibiotics and heavy metals: a human health hazard. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 5873-8 | 5.1 | 54 |
| 97 | Study of biological characteristics of Pseudomonas aeruginosa strains isolated from patients with cystic fibrosis and from patients with extra-pulmonary infections. <i>Brazilian Journal of Infectious Diseases</i> , 2008 , 12, 86-8 | 2.8 | 34 |
| 96 | Virulence factors of avian pathogenic Escherichia coli (APEC). <i>Pesquisa Veterinaria Brasileira</i> , 2009 , 29, 479-486 | 0.4 | 32 |
| 95 | Transcription profile of Trichophyton rubrum conidia grown on keratin reveals the induction of an adhesin-like protein gene with a tandem repeat pattern. <i>BMC Genomics</i> , 2016 , 17, 249 | 4.5 | 31 |
| 94 | Subpathotypes of Avian Pathogenic Escherichia coli (APEC) Exist as Defined by their Syndromes and Virulence Traits. <i>Open Microbiology Journal</i> , 2011 , 5, 55-64 | 0.8 | 27 |
| 93 | Mutations in NaIC induce MexAB-OprM overexpression resulting in high level of aztreonam resistance in environmental isolates of Pseudomonas aeruginosa. <i>FEMS Microbiology Letters</i> , 2016 , 363, | 2.9 | 24 |
| 92 | Adhesion properties, fimbrial expression and PCR detection of adhesin-related genes of avian Escherichia coli strains. <i>Veterinary Microbiology</i> , 2005 , 106, 275-85 | 3.3 | 23 |
| 91 | Isolation of a polyethylene degrading Paenibacillus sp. from a landfill in Brazil. <i>Archives of Microbiology</i> , 2019 , 201, 699-704 | 3 | 22 |
| 90 | A mini-review: current advances in polyethylene biodegradation. <i>World Journal of Microbiology and Biotechnology</i> , 2020 , 36, 32 | 4.4 | 22 |
| 89 | Degradation of atrazine by Pseudomonas sp. and Achromobacter sp. isolated from Brazilian agricultural soil. <i>International Biodeterioration and Biodegradation</i> , 2018 , 130, 17-22 | 4.8 | 22 |
| 88 | Pathogenic potential and genetic diversity of environmental and clinical isolates of Pseudomonas aeruginosa. <i>Apmis</i> , 2014 , 122, 92-100 | 3.4 | 22 |
| 87 | Isolation and characterization of a Pseudomonas aeruginosa from a virgin Brazilian Amazon region with potential to degrade atrazine. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 13974-8 | 5.1 | 21 |
| 86 | Resistance to gentamicin and related aminoglycosides in Staphylococcus aureus isolated in Brazil. <i>Letters in Applied Microbiology</i> , 1999 , 29, 197-201 | 2.9 | 21 |
| 85 | Prevalence of gyrA Mutations in Nalidixic Acid-Resistant Strains of Salmonella Enteritidis Isolated from Humans, Food, Chickens, and the Farm Environment in Brazil. <i>Microbial Drug Resistance</i> , 2017 , 23, 421-428 | 2.9 | 18 |
| 84 | High level of resistance to aztreonam and ticarcillin in Pseudomonas aeruginosa isolated from soil of different crops in Brazil. <i>Science of the Total Environment</i> , 2014 , 473-474, 155-8 | 10.2 | 17 |
| 83 | Molecular typing and biological characteristics of Pseudomonas aeruginosa isolated from cystic fibrosis patients in Brazil. <i>Brazilian Journal of Infectious Diseases</i> , 2010 , 14, 462-467 | 2.8 | 16 |

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|----|---|------|----|
| 82 | A Fatal Bacteremia Caused by Hypermucousviscous KPC-2 Producing Extensively Drug-Resistant K64-ST11 in Brazil. <i>Frontiers in Medicine</i> , 2018 , 5, 265 | 4.9 | 16 |
| 81 | Alternative biodegradation pathway of the herbicide diuron. <i>International Biodeterioration and Biodegradation</i> , 2019 , 143, 104716 | 4.8 | 15 |
| 80 | Detection of different β actamases encoding genes, including bla, and plasmid-mediated quinolone resistance genes in different water sources from Brazil. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 407 | 3.1 | 15 |
| 79 | Characterization of a plasmid-encoded adhesin of an avian pathogenic Escherichia coli (APEC) strain isolated from a case of swollen head syndrome (SHS). <i>Veterinary Microbiology</i> , 2003 , 95, 111-20 | 3.3 | 15 |
| 78 | Heavy metal resistance and virulence profile in Pseudomonas aeruginosa isolated from Brazilian soils. <i>Apmis</i> , 2016 , 124, 681-8 | 3.4 | 15 |
| 77 | Spread of multidrug-resistant high-risk Klebsiella pneumoniae clones in a tertiary hospital from southern Brazil. <i>Infection, Genetics and Evolution</i> , 2017 , 56, 1-7 | 4.5 | 14 |
| 76 | Evaluation of different molecular and phenotypic methods for identification of environmental Burkholderia cepacia complex. <i>World Journal of Microbiology and Biotechnology</i> , 2019 , 35, 39 | 4.4 | 14 |
| 75 | 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> , 2020 , 726, 138100 | 10.2 | 14 |
| 74 | Determination of the clonal structure of avian Escherichia coli strains by isoenzyme and ribotyping analysis. <i>Zoonoses and Public Health</i> , 2003 , 50, 63-9 | | 14 |
| 73 | Detection of virulence and β actamase encoding genes in Enterobacter aerogenes and Enterobacter cloacae clinical isolates from Brazil. <i>Brazilian Journal of Microbiology</i> , 2018 , 49 Suppl 1, 224-228 | 2.2 | 14 |
| 72 | Molecular typing of methicillin-resistant Staphylococcus aureus (MRSA) strains isolated in two metropolitan areas of S \tilde{a} Paulo State, southeast Brazil. <i>Brazilian Journal of Infectious Diseases</i> , 2009 , 13, 165-9 | 2.8 | 13 |
| 71 | Genomic insights into multidrug-resistant and hypervirulent Klebsiella pneumoniae co-harboring metal resistance genes in aquatic environments. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 201, 110782 | 7.82 | 11 |
| 70 | Detection of β actamase encoding genes in feces, soil and water from a Brazilian pig farm. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 76 | 3.1 | 11 |
| 69 | Looking over toxin-K(+) channel interactions. Clues from the structural and functional characterization of β KTx toxin Tc32, a Kv1.3 channel blocker. <i>Biochemistry</i> , 2012 , 51, 1885-94 | 3.2 | 11 |
| 68 | Antimicrobial resistance, plasmids and class 1 and 2 integrons occurring in Pseudomonas aeruginosa isolated from Brazilian aquatic environments. <i>Water Science and Technology</i> , 2013 , 67, 1144-9 | 3.2 | 11 |
| 67 | Impact of Atrazine Exposure on the Microbial Community Structure in a Brazilian Tropical Latosol Soil. <i>Microbes and Environments</i> , 2020 , 35, | 2.6 | 11 |
| 66 | Changes in bacterial community after application of three different herbicides. <i>FEMS Microbiology Letters</i> , 2017 , 364, | 2.9 | 10 |
| 65 | Co-occurrence of mcr-1, mcr-3, mcr-7 and clinically relevant antimicrobial resistance genes in environmental and fecal samples. <i>Archives of Microbiology</i> , 2020 , 202, 1795-1800 | 3 | 10 |

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| 64 | Molecular characterization of multidrug-resistant Shiga toxin-producing harboring antimicrobial resistance genes obtained from a farmhouse. <i>Pathogens and Global Health</i> , 2019 , 113, 268-274 | 3.1 | 10 |
| 63 | Detection of blaNDM-1 in <i>Stenotrophomonas maltophilia</i> isolated from Brazilian soil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018 , 113, e170558 | 2.6 | 9 |
| 62 | Occurrence of virulence-related sequences and phylogenetic analysis of commensal and pathogenic avian <i>Escherichia coli</i> strains (APEC). <i>Pesquisa Veterinaria Brasileira</i> , 2008 , 28, 533-540 | 0.4 | 9 |
| 61 | 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> , 2019 , 10, 2151 | 5.7 | 8 |
| 60 | Molecular typing and biological characteristics of <i>Pseudomonas aeruginosa</i> isolated from cystic fibrosis patients in Brazil. <i>Brazilian Journal of Infectious Diseases</i> , 2010 , 14, 462-7 | 2.8 | 8 |
| 59 | Presence of β -Lactamases Encoding Genes in Soil Samples from Different Origins. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1 | 2.6 | 7 |
| 58 | High-level of resistance to β -lactam and presence of β -lactamases encoding genes in <i>Ochrobactrum</i> sp. and <i>Achromobacter</i> sp. isolated from soil. <i>Journal of Global Antimicrobial Resistance</i> , 2017 , 11, 133-137 | 3.4 | 7 |
| 57 | 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> , 2019 , 17, 321-322 | 3.4 | 7 |
| 56 | Conjugation between quinolone-susceptible bacteria can generate mutations in the quinolone resistance-determining region, inducing quinolone resistance. <i>International Journal of Antimicrobial Agents</i> , 2015 , 45, 119-23 | 14.3 | 7 |
| 55 | 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> , 2020 , 104, 6707-6717 | 5.7 | 7 |
| 54 | Widespread high-risk clones of multidrug-resistant extended-spectrum β -lactamase-producing <i>Escherichia coli</i> B2-ST131 and F-ST648 in public aquatic environments. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106040 | 14.3 | 7 |
| 53 | Genomic Characterization of a Multidrug-Resistant and Hypermucoviscous/Hypervirulent subsp. ST4417 Isolated from a Sewage Treatment Plant. <i>Microbial Drug Resistance</i> , 2020 , 26, 1321-1325 | 2.9 | 7 |
| 52 | New STs in multidrug-resistant <i>Acinetobacter baumannii</i> harbouring β -lactamases encoding genes isolated from Brazilian soils. <i>Journal of Applied Microbiology</i> , 2018 , 125, 506-512 | 4.7 | 7 |
| 51 | LACTOBACILLUS ACIDOPHILUS DECREASES SALMONELLA TYPHIMURIUM INVASION IN VIVO. <i>Journal of Food Safety</i> , 2011 , 31, 284-289 | 2 | 7 |
| 50 | Development of a bacterial cloning vector for expression of scorpion toxins for biotechnological studies. <i>Protein Expression and Purification</i> , 2008 , 57, 88-94 | 2 | 7 |
| 49 | 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> , 2021 , 64, 152-158 | 7.9 | 7 |
| 48 | Characterization of Acquired Antimicrobial Resistance Genes in Environmental Isolates from Brazil. <i>Microbial Drug Resistance</i> , 2019 , 25, 475-479 | 2.9 | 7 |
| 47 | 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> , 2019 , 18, 74-79 | 3.4 | 6 |

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| 46 | Colistin-Resistant -Positive ST131-22 Carrying and in Agricultural Soil. <i>Frontiers in Microbiology</i> , 2021 , 12, 659900 | 5.7 | 6 |
| 45 | Replicon typing of plasmids in environmental <i>Achromobacter</i> sp. producing quinolone-resistant determinants. <i>Apmis</i> , 2018 , 126, 864-869 | 3.4 | 6 |
| 44 | 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> , 2020 , 251, 108909 | 3.3 | 5 |
| 43 | Presence of Colistin Resistance mcr-4 Gene and Clinically Relevant Antimicrobial Resistance Genes in Sand Samples from a Public Beach. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1 | 2.6 | 5 |
| 42 | First report of the blaVIM gene in environmental isolates of <i>Buttiauxella</i> sp. <i>Apmis</i> , 2015 , 123, 326-9 | 3.4 | 5 |
| 41 | Molecular epidemiology of <i>Shigella</i> spp strains isolated in two different metropolitan areas of southeast Brazil. <i>Brazilian Journal of Microbiology</i> , 2009 , 40, 685-692 | 2.2 | 5 |
| 40 | 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> , 2008 , 12, 430-7 | 2.8 | 5 |
| 39 | Draft genome sequence of a multidrug-resistant tetA/IncF-harboring <i>Escherichia coli</i> ST906 obtained from a soil cultivated with jaborcaba (<i>Plinia cauliflora</i>). <i>Journal of Global Antimicrobial Resistance</i> , 2019 , 16, 181-182 | 3.4 | 4 |
| 38 | Plasmids associated with heavy metal resistance and herbicide degradation potential in bacterial isolates obtained from two Brazilian regions. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 314 | 3.1 | 4 |
| 37 | High Level of Resistance to Antimicrobials and Heavy Metals in Multidrug-Resistant <i>Pseudomonas</i> sp. Isolated from Water Sources. <i>Current Microbiology</i> , 2020 , 77, 2694-2701 | 2.4 | 4 |
| 36 | High prevalence of bla gene in bacteria from Brazilian soil. <i>Canadian Journal of Microbiology</i> , 2016 , 62, 820-826 | 3.2 | 4 |
| 35 | 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> , 2019 , 35, 134 | 4.4 | 4 |
| 34 | 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> , 2008 , 12, 487-93 | 2.8 | 4 |
| 33 | Typing of avian pathogenic <i>Escherichia coli</i> strains by REP-PCR. <i>Pesquisa Veterinaria Brasileira</i> , 2006 , 26, 69-73 | 0.4 | 4 |
| 32 | Comparative phylo-pangenomics reveals generalist lifestyles in representative <i>Acinetobacter</i> species and proposes candidate gene markers for species identification. <i>Gene</i> , 2021 , 791, 145707 | 3.8 | 4 |
| 31 | 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> , 2019 , 17, 19-20 | 3.4 | 3 |
| 30 | Genetic Diversity of Multidrug-Resistant CMY-Producing from Feces and Soil in a Small-Scale Pig Farm. <i>Microbial Drug Resistance</i> , 2020 , 26, 1365-1371 | 2.9 | 3 |
| 29 | Molecular epidemiology of <i>Shigella</i> spp strains isolated in two different metropolitan areas of southeast Brazil. <i>Brazilian Journal of Microbiology</i> , 2009 , 40, 685-92 | 2.2 | 3 |

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|----|--|-----|---|
| 28 | Presence of blaOXA-48-carrying IncF plasmid in an <i>Escherichia fergusonii</i> strain isolated from a sugarcane soil. <i>Pedosphere</i> , 2020 , 30, 293-294 | 5 | 3 |
| 27 | 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> , 2021 , 203, 4351-4359 | 3 | 3 |
| 26 | 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> , 2021 , 288, 117804 | 9.3 | 3 |
| 25 | Importance of Sequencing To Determine Functional Variants. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 2 |
| 24 | Heavy metal resistance genes and plasmid-mediated quinolone resistance genes in <i>Arthrobacter</i> sp. isolated from Brazilian soils. <i>Antonie Van Leeuwenhoek</i> , 2019 , 112, 1553-1558 | 2.1 | 2 |
| 23 | Fecal cultivable aerobic microbiota of dairy cows and calves acting as reservoir of clinically relevant antimicrobial resistance genes. <i>Brazilian Journal of Microbiology</i> , 2020 , 51, 1377-1382 | 2.2 | 2 |
| 22 | Detection of blaPER on an IncA/C Plasmid in <i>Stenotrophomonas maltophilia</i> Isolated from Brazilian Soil. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1 | 2.6 | 2 |
| 21 | Presence of β -Lactamase Encoding Genes in <i>Burkholderia cepacia</i> Complex Isolated from Soil. <i>Microbial Drug Resistance</i> , 2018 , 24, 347-352 | 2.9 | 2 |
| 20 | Genotypic diversity and presence of β -Lactamase encoding genes in <i>Pseudomonas aeruginosa</i> isolated from Brazilian soils. <i>Applied Soil Ecology</i> , 2018 , 129, 94-97 | 5 | 2 |
| 19 | Cloning and purification of IpaC antigen from <i>Shigella flexneri</i> : proposal of a new methodology. <i>Protein and Peptide Letters</i> , 2013 , 20, 133-9 | 1.9 | 2 |
| 18 | Prevalence of integrons in <i>Shigella sonnei</i> from Brazil. <i>Journal of Antibiotics</i> , 2010 , 63, 607-9 | 3.7 | 2 |
| 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> , 2010 , 14, 462-467 | 2.8 | 2 |
| 16 | Occurrence of multidrug-resistant <i>Enterococcus faecium</i> isolated from environmental samples. <i>Letters in Applied Microbiology</i> , 2021 , 73, 237-246 | 2.9 | 2 |
| 15 | 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> , 2019 , 54, 290-293 | 2.2 | 2 |
| 14 | <i>Buttiauxella chrysanthemi</i> sp. nov., isolated from a chrysanthemum plantation in Brazil. <i>Archives of Microbiology</i> , 2018 , 200, 1365-1369 | 3 | 2 |
| 13 | Multidrug resistance IncC plasmid carrying bla in Shiga toxin-producing <i>Escherichia coli</i> ST215-H54 of ovine origin. <i>Infection, Genetics and Evolution</i> , 2021 , 93, 104989 | 4.5 | 2 |
| 12 | Antagonism between clinical and environmental isolates of <i>Pseudomonas aeruginosa</i> against coliforms. <i>Water Science and Technology: Water Supply</i> , 2014 , 14, 99-106 | 1.4 | 1 |
| 11 | Clonal study of avian <i>Escherichia coli</i> strains by fliC conserved-DNA-sequence regions analysis. <i>Pesquisa Veterinaria Brasileira</i> , 2008 , 28, 508-514 | 0.4 | 1 |

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| 10 | The expression of plasmid mediated afimbrial adhesin genes in an avian septicemic Escherichia coli strain. <i>Journal of Veterinary Science</i> , 2008 , 9, 75-83 | 1.6 | 1 |
| 9 | 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> , 2020 , 1-10 | 3.6 | 1 |
| 8 | Colistin-resistant mcr-1-positive Escherichia coli ST1775-H137 co-harboring bla and bla recovered from an urban stream. <i>Infection, Genetics and Evolution</i> , 2021 , 96, 105156 | 4.5 | 0 |
| 7 | International high-risk clone of multidrug-resistant CTX-M-8-producing Escherichia coli C-ST410 infecting an elephant (<i>Loxodonta africana</i>) in a zoo. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 22, 643-645 | 3.4 | 0 |
| 6 | Whole-genome sequence-based analysis of the Paenibacillus aquistagni strain DK1, a polyethylene-degrading bacterium isolated from landfill. <i>World Journal of Microbiology and Biotechnology</i> , 2021 , 37, 80 | 4.4 | 0 |
| 5 | Appearance of mcr-9, bla, cfr and other clinically relevant antimicrobial resistance genes in recreation waters and sands from urban beaches, Brazil. <i>Marine Pollution Bulletin</i> , 2021 , 167, 112334 | 6.7 | 0 |
| 4 | Molecular typing and occurrence of beta-lactam resistance genes of Shigella sonnei strains isolated from 1983 to 2014 in the S̃ Paulo state of Brazil. <i>Microbiology and Immunology</i> , 2017 , 61, 547-553 | 2.7 | |
| 3 | Genomic characterization of multidrug-resistant extraintestinal pathogenic Escherichia coli isolated from grain culture soils. <i>Pedosphere</i> , 2022 , 32, 495-502 | 5 | |
| 2 | Dispersion of merA and catabolic genes in Brazilian water sources. <i>Ecological Indicators</i> , 2020 , 108, 105704 | 4.8 | |
| 1 | Molecular characterization of an extensively drug-resistant Acinetobacter baumannii isolated from a corn culture soil. <i>Pedosphere</i> , 2021 , 31, 973-976 | 5 | |