

Yolanda Saenz

List of Publications by Year in descending order

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136
papers

6,281
citations

53751

45
h-index

79644

73
g-index

140
all docs

140
docs citations

140
times ranked

5960
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Mechanisms of Resistance in Multiple-Antibiotic-Resistant <i>Escherichia coli</i> Strains of Human, Animal, and Food Origins. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 3996-4001. | 1.4 | 383 |
| 2 | Antibiotic Resistance in <i>Campylobacter</i> Strains Isolated from Animals, Foods, and Humans in Spain in 1997-1998. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 267-271. | 1.4 | 252 |
| 3 | β -Lactamases in Ampicillin-Resistant <i>Escherichia coli</i> Isolates from Foods, Humans, and Healthy Animals. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 3156-3163. | 1.4 | 247 |
| 4 | Detection of CMY-2, CTX-M-14, and SHV-12 β -Lactamases in <i>Escherichia coli</i> Fecal-Sample Isolates from Healthy Chickens. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 2056-2058. | 1.4 | 170 |
| 5 | Characterization of CTX-M and SHV extended-spectrum β -lactamases and associated resistance genes in <i>Escherichia coli</i> strains of food samples in Tunisia. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 60, 1137-1141. | 1.3 | 170 |
| 6 | Detection of <i>Escherichia coli</i> harbouring extended-spectrum β -lactamases of the CTX-M, TEM and SHV classes in faecal samples of wild animals in Portugal. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 1311-1312. | 1.3 | 156 |
| 7 | Antibiotic resistance in <i>Escherichia coli</i> isolates obtained from animals, foods and humans in Spain. <i>International Journal of Antimicrobial Agents</i> , 2001, 18, 353-358. | 1.1 | 145 |
| 8 | Assessment of antibiotic susceptibility within lactic acid bacteria strains isolated from wine. <i>International Journal of Food Microbiology</i> , 2006, 111, 234-240. | 2.1 | 135 |
| 9 | Prevalence of extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> isolates in faecal samples of broilers. <i>Veterinary Microbiology</i> , 2009, 138, 339-344. | 0.8 | 130 |
| 10 | qnr, aac(6)-Ib-cr and qepA genes in <i>Escherichia coli</i> and <i>Klebsiella</i> spp.: genetic environments and plasmid and chromosomal location. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 886-897. | 1.3 | 120 |
| 11 | Mutations in <i>gyrA</i> and <i>parC</i> genes in nalidixic acid-resistant <i>Escherichia coli</i> strains from food products, humans and animals. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 1001-1005. | 1.3 | 119 |
| 12 | Prevalence of antimicrobial resistance and resistance genes in faecal <i>Escherichia coli</i> isolates recovered from healthy pets. <i>Veterinary Microbiology</i> , 2008, 127, 97-105. | 0.8 | 114 |
| 13 | Coculture-inducible bacteriocin activity of <i>Lactobacillus plantarum</i> strain J23 isolated from grape must. <i>Food Microbiology</i> , 2007, 24, 482-491. | 2.1 | 112 |
| 14 | Monitoring and Characterization of Extended-Spectrum β -Lactamases in <i>Escherichia coli</i> Strains from Healthy and Sick Animals in Spain in 2003. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1262-1264. | 1.4 | 109 |
| 15 | <i>Pseudomonas aeruginosa</i> Utilizes Host-Derived Itaconate to Redirect Its Metabolism to Promote Biofilm Formation. <i>Cell Metabolism</i> , 2020, 31, 1091-1106.e6. | 7.2 | 109 |
| 16 | Antimicrobial activity of nisin against <i>Oenococcus oeni</i> and other wine bacteria. <i>International Journal of Food Microbiology</i> , 2007, 116, 32-36. | 2.1 | 92 |
| 17 | Spanish nationwide survey on <i>Pseudomonas aeruginosa</i> antimicrobial resistance mechanisms and epidemiology. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1825-1835. | 1.3 | 92 |
| 18 | Characterization of Antibiotic Resistance Genes and Virulence Factors in Faecal Enterococci of Wild Animals in Portugal. <i>Zoonoses and Public Health</i> , 2005, 52, 396-402. | 1.4 | 89 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Mechanisms of Antibiotic Resistance in <i>Escherichia coli</i> Isolates Recovered from Wild Animals. <i>Microbial Drug Resistance</i> , 2008, 14, 71-77. | 0.9 | 89 |
| 20 | Genetic environment and location of the <i>lnu(A)</i> and <i>lnu(B)</i> genes in methicillin-resistant <i>Staphylococcus aureus</i> and other staphylococci of animal and human origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2804-2808. | 1.3 | 86 |
| 21 | Detection of CTX-M-1 and TEM-52 β -lactamases in <i>Escherichia coli</i> strains from healthy pets in Portugal. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 960-961. | 1.3 | 84 |
| 22 | Prevalence and characterisation of extended-spectrum beta-lactamase (ESBL)-producing <i>Escherichia coli</i> isolates in healthy volunteers in Tunisia. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012, 31, 1511-1516. | 1.3 | 84 |
| 23 | Prevalence and diversity of integrons and associated resistance genes in faecal <i>Escherichia coli</i> isolates of healthy humans in Spain. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 934-937. | 1.3 | 77 |
| 24 | Detection and characterization of extended-spectrum β -lactamases in <i>Salmonella enterica</i> strains of healthy food animals in Spain. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 844-847. | 1.3 | 74 |
| 25 | Prevalence and diversity of extended-spectrum β -lactamases in faecal <i>Escherichia coli</i> isolates from healthy humans in Spain. <i>Clinical Microbiology and Infection</i> , 2009, 15, 954-957. | 2.8 | 71 |
| 26 | Prevalence and Diversity of Integrons and Associated Resistance Genes in <i>Escherichia coli</i> Isolates from Poultry Meat in Tunisia. <i>Foodborne Pathogens and Disease</i> , 2009, 6, 1067-1073. | 0.8 | 71 |
| 27 | Effect of the efflux pump inhibitor Phe-Arg- β -naphthylamide on the MIC values of the quinolones, tetracycline and chloramphenicol, in <i>Escherichia coli</i> isolates of different origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 544-545. | 1.3 | 69 |
| 28 | <i>Incl1</i> Plasmids Carrying <i>bla</i> _{CTX-M-1} or <i>bla</i> _{CMY-2} Genes in <i>Escherichia coli</i> from Healthy Humans and Animals in Tunisia. <i>Microbial Drug Resistance</i> , 2014, 20, 495-500. | 0.9 | 66 |
| 29 | Prevalence and Characterization of Extended-Spectrum Beta-Lactamase (ESBL) and CMY-2 Producing <i>Escherichia coli</i> Isolates from Healthy Food-Producing Animals in Tunisia. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 1137-1142. | 0.8 | 65 |
| 30 | CFTR-PTEN dependent mitochondrial metabolic dysfunction promotes <i>Pseudomonas aeruginosa</i> airway infection. <i>Science Translational Medicine</i> , 2019, 11, . | 5.8 | 65 |
| 31 | Isolation of an SHV-12 β -Lactamase-Producing <i>Escherichia coli</i> Strain from a Dog with Recurrent Urinary Tract Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 3483-3484. | 1.4 | 63 |
| 32 | Detection of <i>vanA</i> and <i>vanB2</i> -containing enterococci from food samples in Spain, including <i>Enterococcus faecium</i> strains of CC17 and the new singleton ST425. <i>International Journal of Food Microbiology</i> , 2009, 133, 172-178. | 2.1 | 63 |
| 33 | Prevalence of broad-spectrum cephalosporin-resistant <i>Escherichia coli</i> isolates in food samples in Tunisia, and characterization of integrons and antimicrobial resistance mechanisms implicated. <i>International Journal of Food Microbiology</i> , 2010, 137, 281-286. | 2.1 | 62 |
| 34 | Class 1 integrons lacking <i>qacE</i> ^{H1} and <i>sul1</i> genes in <i>Escherichia coli</i> isolates of food, animal and human origins. <i>Veterinary Microbiology</i> , 2010, 144, 493-497. | 0.8 | 62 |
| 35 | In Vitro Activities of Ketolide HMR3647, Macrolides, and Other Antibiotics against <i>Lactobacillus</i> , <i>Leuconostoc</i> , and <i>Pediococcus</i> Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 3039-3041. | 1.4 | 61 |
| 36 | Detection and characterization of methicillin-resistant <i>Staphylococcus pseudintermedius</i> in healthy dogs in La Rioja, Spain. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2011, 34, 447-453. | 0.7 | 61 |

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|----|--|-----|-----------|
| 37 | Interplay between MexAB-OprM and MexEF-OprN in clinical isolates of <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2018, 8, 16463. | 1.6 | 61 |
| 38 | <i>Escherichia coli</i> of poultry food origin as reservoir of sulphonamide resistance genes and integrons. <i>International Journal of Food Microbiology</i> , 2011, 144, 497-502. | 2.1 | 59 |
| 39 | Genetic characterisation of CTX-M-15-producing <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> strains isolated from stem cell transplant patients in Tunisia. <i>International Journal of Antimicrobial Agents</i> , 2008, 32, 308-314. | 1.1 | 57 |
| 40 | Genetic environment of sul genes and characterisation of integrons in <i>Escherichia coli</i> isolates of blood origin in a Spanish hospital. <i>International Journal of Antimicrobial Agents</i> , 2010, 35, 492-496. | 1.1 | 56 |
| 41 | High-level resistance to meropenem in clinical isolates of <i>Pseudomonas aeruginosa</i> in the absence of carbapenemases: role of active efflux and porin alterations. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 740-743. | 1.1 | 55 |
| 42 | Activity of Imipenem-Relebactam against a Large Collection of <i>Pseudomonas aeruginosa</i> Clinical Isolates and Isogenic β -Lactam-Resistant Mutants. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, . | 1.4 | 54 |
| 43 | Comparative study of the pln locus of the quorum-sensing regulated bacteriocin-producing <i>L. plantarum</i> J51 strain. <i>International Journal of Food Microbiology</i> , 2008, 128, 390-394. | 2.1 | 53 |
| 44 | Characterization of a new organization of the plantaricin locus in the inducible bacteriocin-producing <i>Lactobacillus plantarum</i> J23 of grape must origin. <i>Archives of Microbiology</i> , 2008, 189, 491-499. | 1.0 | 47 |
| 45 | Genetic diversity of the pln locus among oenological <i>Lactobacillus plantarum</i> strains. <i>International Journal of Food Microbiology</i> , 2009, 134, 176-183. | 2.1 | 47 |
| 46 | Loss of activity of ceftazidime-avibactam due to MexAB-OprM efflux and overproduction of AmpC cephalosporinase in <i>Pseudomonas aeruginosa</i> isolated from patients suffering from cystic fibrosis. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 697-701. | 1.1 | 47 |
| 47 | Carbapenem-resistant <i>Pseudomonas aeruginosa</i> strains from a Spanish hospital: Characterization of metallo-beta-lactamases, porin OprD and integrons. <i>International Journal of Medical Microbiology</i> , 2014, 304, 405-414. | 1.5 | 46 |
| 48 | Diversity of Genetic Lineages Among CTX-M-15 and CTX-M-14 Producing <i>Escherichia coli</i> Strains in a Tunisian Hospital. <i>Current Microbiology</i> , 2011, 62, 1794-1801. | 1.0 | 44 |
| 49 | In vivo selection of aac(6)-Ib-cr and mutations in the gyrA gene in a clinical qnrS1-positive <i>Salmonella enterica</i> serovar Typhimurium DT104B strain recovered after fluoroquinolone treatment. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1945-1949. | 1.3 | 41 |
| 50 | Nosocomial outbreak of methicillin- and linezolid-resistant <i>Staphylococcus epidermidis</i> associated with catheter-related infections in intensive care unit patients. <i>International Journal of Medical Microbiology</i> , 2011, 301, 354-358. | 1.5 | 39 |
| 51 | Mechanisms of Antibiotic Resistance in <i>Escherichia coli</i> isolates Obtained from Healthy Children in Spain. <i>Microbial Drug Resistance</i> , 2002, 8, 321-327. | 0.9 | 38 |
| 52 | β -Lactamase Characterization in <i>Escherichia coli</i> isolates with Diminished Susceptibility or Resistance to Extended-Spectrum Cephalosporins Recovered from Sick Animals in Spain. <i>Microbial Drug Resistance</i> , 2003, 9, 201-209. | 0.9 | 38 |
| 53 | Emergence of a multiresistant KPC-3 and VIM-1 carbapenemase-producing <i>Escherichia coli</i> strain in Spain. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1792-1795. | 1.3 | 37 |
| 54 | First Detection of CTX-M-1, CMY-2, and QnrB19 Resistance Mechanisms in Fecal <i>Escherichia coli</i> Isolates from Healthy Pets in Tunisia. <i>Vector-Borne and Zoonotic Diseases</i> , 2013, 13, 98-102. | 0.6 | 36 |

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|----|--|-----|-----------|
| 55 | Predicting <i>Pseudomonas aeruginosa</i> susceptibility phenotypes from whole genome sequence resistome analysis. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1631-1637. | 2.8 | 36 |
| 56 | Detection of Multiple-Antimicrobial Resistance and Characterization of the Implicated Genes in <i>Escherichia coli</i> Isolates from Foods of Animal Origin in Tunis. <i>Journal of Food Protection</i> , 2009, 72, 1082-1088. | 0.8 | 35 |
| 57 | Outbreak caused by a multi-resistant <i>Klebsiella pneumoniae</i> strain of new sequence type ST341 carrying new genetic environments of <i>aac(6)-Ib-cr</i> and <i>qnrS1</i> genes in a neonatal intensive care unit in Spain. <i>International Journal of Medical Microbiology</i> , 2010, 300, 464-469. | 1.5 | 35 |
| 58 | Genetic characterization of the mechanisms of resistance to amoxicillin/clavulanate and third-generation cephalosporins in <i>Salmonella enterica</i> from three Spanish hospitals. <i>International Microbiology</i> , 2011, 14, 173-81. | 1.1 | 35 |
| 59 | Antimicrobial resistance and virulence of <i>Pseudomonas</i> spp. among healthy animals: concern about exolysin ExlA detection. <i>Scientific Reports</i> , 2020, 10, 11667. | 1.6 | 33 |
| 60 | Tn1546 structures and multilocus sequence typing of vanA-containing enterococci of animal, human and food origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1570-1575. | 1.3 | 32 |
| 61 | β -Lactamases, transferable quinolone resistance determinants, and class 1 integron-mediated antimicrobial resistance in human clinical <i>Salmonella enterica</i> isolates of non-Typhimurium serotypes. <i>International Journal of Medical Microbiology</i> , 2013, 303, 25-31. | 1.5 | 32 |
| 62 | Detection of virulence factors in high-level gentamicin-resistant <i>Enterococcus faecalis</i> and <i>Enterococcus faecium</i> isolates from a Tunisian hospital. <i>Canadian Journal of Microbiology</i> , 2007, 53, 372-379. | 0.8 | 30 |
| 63 | Characterization of Beta-lactamases in Faecal Enterobacteriaceae Recovered from Healthy Humans in Spain: Focusing on AmpC Polymorphisms. <i>Microbial Ecology</i> , 2015, 70, 132-140. | 1.4 | 29 |
| 64 | Characterization of carbapenem resistance mechanisms and integrons in <i>Pseudomonas aeruginosa</i> strains from blood samples in a French hospital. <i>Journal of Medical Microbiology</i> , 2016, 65, 311-319. | 0.7 | 29 |
| 65 | Polymorphisms of the <i>pbp5</i> gene and correlation with ampicillin resistance in <i>Enterococcus faecium</i> isolates of animal origin. <i>Journal of Medical Microbiology</i> , 2007, 56, 236-240. | 0.7 | 28 |
| 66 | Changes in genetic lineages, resistance, and virulence in clinical methicillin-resistant <i>Staphylococcus aureus</i> in a Spanish hospital. <i>Journal of Infection and Chemotherapy</i> , 2013, 19, 233-242. | 0.8 | 27 |
| 67 | Faecal carriage of <i>Pseudomonas aeruginosa</i> in healthy humans: antimicrobial susceptibility and global genetic lineages. <i>FEMS Microbiology Ecology</i> , 2014, 89, 15-19. | 1.3 | 27 |
| 68 | Resistome and a Novel <i>bla</i> _{NDM-1} -Harboring Plasmid of an <i>Acinetobacter haemolyticus</i> Strain from a Children's Hospital in Puebla, Mexico. <i>Microbial Drug Resistance</i> , 2019, 25, 1023-1031. | 0.9 | 27 |
| 69 | Production of Antibacterial Coatings Through Atmospheric Pressure Plasma: a Promising Alternative for Combatting Biofilms in the Food Industry. <i>Food and Bioprocess Technology</i> , 2019, 12, 1251-1263. | 2.6 | 27 |
| 70 | Characterization of vanA-Containing <i>Enterococcus faecium</i> Isolates Carrying Tn5397-Like and Tn916/Tn1545-Like Transposons in Wild Boars (<i>Sus Scrofa</i>). <i>Microbial Drug Resistance</i> , 2007, 13, 151-156. | 0.9 | 26 |
| 71 | Characterization of extended-spectrum β -lactamases and integrons in <i>Escherichia coli</i> isolates in a Spanish hospital. <i>Journal of Medical Microbiology</i> , 2008, 57, 916-920. | 0.7 | 26 |
| 72 | Cytokine Profiles Associated With Worse Prognosis in a Hospitalized Peruvian COVID-19 Cohort. <i>Frontiers in Immunology</i> , 2021, 12, 700921. | 2.2 | 26 |

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|----|--|-----|-----------|
| 73 | Occurrence of extended-spectrum β -lactamase-producing <i>Salmonella enterica</i> in northern Spain with evidence of CTX-M-9 clonal spread among animals and humans. <i>Clinical Microbiology and Infection</i> , 2009, 15, 292-295. | 2.8 | 25 |
| 74 | First Detection of bla _{IMI-2} Gene in a Clinical <i>Escherichia coli</i> Strain. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1146-1147. | 1.4 | 25 |
| 75 | <i>Streptococcus agalactiae</i> from pregnant women: antibiotic and heavy-metal resistance mechanisms and molecular typing. <i>Epidemiology and Infection</i> , 2016, 144, 3205-3214. | 1.0 | 25 |
| 76 | Rational design of a Tn antigen mimic. <i>Chemical Communications</i> , 2011, 47, 5319. | 2.2 | 24 |
| 77 | Great phenotypic and genetic variation among successive chronic <i>Pseudomonas aeruginosa</i> from a cystic fibrosis patient. <i>PLoS ONE</i> , 2018, 13, e0204167. | 1.1 | 24 |
| 78 | <i>Brettanomyces</i> susceptibility to antimicrobial agents used in winemaking: in vitro and practical approaches. <i>European Food Research and Technology</i> , 2014, 238, 641-652. | 1.6 | 23 |
| 79 | Diversity of species and antimicrobial resistance determinants of staphylococci in superficial waters in Spain. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw208. | 1.3 | 22 |
| 80 | Lineages and Virulence Gene Content among Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> Strains of Food Origin in Tunisia. <i>Journal of Food Protection</i> , 2013, 76, 323-327. | 0.8 | 21 |
| 81 | Genotypic and phenotypic characterization of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) clones with high-level mupirocin resistance. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 85, 213-217. | 0.8 | 21 |
| 82 | Caracterización de mecanismos de resistencia a carbapenémicos en aislados clínicos de <i>Pseudomonas aeruginosa</i> en un hospital español. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2017, 35, 141-147. | 0.3 | 20 |
| 83 | High prevalence of imipenem-resistant and metallo-beta-lactamase-producing <i>Pseudomonas aeruginosa</i> in the Burns Hospital in Tunisia: detection of a novel class 1 integron. <i>Journal of Chemotherapy</i> , 2019, 31, 120-126. | 0.7 | 20 |
| 84 | pMdT1, a small ColE1-like plasmid mobilizing a new variant of the aac(6')-Ib-cr gene in <i>Salmonella enterica</i> serovar Typhimurium. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1277-1280. | 1.3 | 19 |
| 85 | Genetic Lineages and Antimicrobial Resistance in <i>Pseudomonas</i> spp. Isolates Recovered from Food Samples. <i>Foodborne Pathogens and Disease</i> , 2015, 12, 486-491. | 0.8 | 19 |
| 86 | Detection of Unrelated <i>Escherichia Coli</i> Strains Harboring Genes of CTX-M-15, OXA-1, and AAC(6')-Ib-Cr Enzymes in a Tunisian Hospital and Characterization of Their Integrons and Virulence Factors. <i>Journal of Chemotherapy</i> , 2010, 22, 318-323. | 0.7 | 18 |
| 87 | Molecular epidemiology, resistance profiles and clinical features in clinical plasmid-mediated AmpC-producing Enterobacteriaceae. <i>International Journal of Medical Microbiology</i> , 2013, 303, 553-557. | 1.5 | 18 |
| 88 | Characterization of Plasmid-Mediated β -Lactamases in Fecal Colonizing Patients in the Hospital and Community Setting in Spain. <i>Microbial Drug Resistance</i> , 2014, 20, 301-304. | 0.9 | 18 |
| 89 | Characterization of antimicrobial resistance mechanisms in carbapenem-resistant <i>Pseudomonas aeruginosa</i> carrying IMP variants recovered from a Mexican Hospital. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 1523-1536. | 1.1 | 18 |
| 90 | <i>Pseudomonas aeruginosa</i> Isolates from Spanish Children: Occurrence in Faecal Samples, Antimicrobial Resistance, Virulence, and Molecular Typing. <i>BioMed Research International</i> , 2018, 2018, 1-8. | 0.9 | 18 |

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|-----|---|-----|-----------|
| 91 | Association between <i>Pseudomonas aeruginosa</i> O-antigen serotypes, resistance profiles and high-risk clones: results from a Spanish nationwide survey. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3217-3220. | 1.3 | 18 |
| 92 | Atmospheric pressure cold plasma anti-biofilm coatings for 3D printed food tools. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 64, 102404. | 2.7 | 18 |
| 93 | Phylogenetic relationships of Shiga toxin-producing <i>Escherichia coli</i> isolated from Peruvian children. <i>Journal of Medical Microbiology</i> , 2011, 60, 639-646. | 0.7 | 18 |
| 94 | Antimicrobial resistance and class I integrons in <i>Salmonella enterica</i> isolates from wild boars and BĀsaro pigs. <i>International Microbiology</i> , 2011, 14, 19-24. | 1.1 | 18 |
| 95 | New genetic environments of <i>aac(6â€²)-Ib-cr</i> gene in a multiresistant <i>Klebsiella oxytoca</i> strain causing an outbreak in a pediatric intensive care unit. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 69, 236-238. | 0.8 | 17 |
| 96 | Phenotypic and Genotypic Characterization of <i>Salmonella enterica</i> Recovered from Poultry Meat in Tunisia and Identification of New Genetic Traits. <i>Vector-Borne and Zoonotic Diseases</i> , 2012, 12, 10-16. | 0.6 | 17 |
| 97 | Intrahospitalary dissemination of <i>Klebsiella pneumoniae</i> carrying <i>blaDHA-1</i> and <i>qnrB4</i> genes within a novel complex class 1 integron. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 210-211. | 0.8 | 17 |
| 98 | Organometallic approach to polymer-protected antibacterial silver nanoparticles: optimal nanoparticle size-selection for bacteria interaction. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1. | 0.8 | 16 |
| 99 | Polymorphism in <i>pbp5</i> Gene Detected in Clinical <i>Enterococcus faecium</i> Strains with Different Ampicillin MICs from a Tunisian Hospital. <i>Journal of Chemotherapy</i> , 2008, 20, 436-440. | 0.7 | 15 |
| 100 | Molecular Characterization of Extended-Spectrum β -Lactamase-Producer <i>Klebsiella pneumoniae</i> Isolates Causing Neonatal Sepsis in Peru. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 285-288. | 0.6 | 15 |
| 101 | Occurrence of <i>Pseudomonas</i> spp. in Raw Vegetables: Molecular and Phenotypical Analysis of Their Antimicrobial Resistance and Virulence-Related Traits. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12626. | 1.8 | 15 |
| 102 | Epidemiological features, resistance genes, and clones among community-onset methicillin-resistant <i>Staphylococcus aureus</i> (CO-MRSA) isolates detected in northern Spain. <i>International Journal of Medical Microbiology</i> , 2012, 302, 320-326. | 1.5 | 14 |
| 103 | Characterisation of plasmids implicated in the mobilisation of extended-spectrum and AmpC β -lactamase genes in clinical <i>Salmonella enterica</i> isolates and temporal stability of the resistance genotype. <i>International Journal of Antimicrobial Agents</i> , 2013, 42, 167-172. | 1.1 | 14 |
| 104 | Complete Proteome of a Quinolone-Resistant <i>Salmonella Typhimurium</i> Phage Type DT104B Clinical Strain. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14191-14219. | 1.8 | 14 |
| 105 | Production and Antimicrobial Activity of Nisin Under Enological Conditions. <i>Frontiers in Microbiology</i> , 2018, 9, 1918. | 1.5 | 14 |
| 106 | Antibiofilm coatings through atmospheric pressure plasma for 3D printed surgical instruments. <i>Surface and Coatings Technology</i> , 2020, 399, 126163. | 2.2 | 14 |
| 107 | Oral Sub-Chronic Ochratoxin a Exposure Induces Gut Microbiota Alterations in Mice. <i>Toxins</i> , 2021, 13, 106. | 1.5 | 14 |
| 108 | Proton Nuclear Magnetic Resonance Spectroscopy as a Technique for Gentamicin Drug Susceptibility Studies with <i>Escherichia coli</i> ATCC 25922. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2433-2438. | 1.8 | 13 |

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|-----|--|-----|-----------|
| 109 | Development and characterization of anti-biofilm coatings applied by Non-Equilibrium Atmospheric Plasma on stainless steel. <i>Food Research International</i> , 2022, 152, 109891. | 2.9 | 13 |
| 110 | Antibiotic resistance mechanisms in <i>Acinetobacter</i> spp. strains isolated from patients in a paediatric hospital in Mexico. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 23, 120-129. | 0.9 | 13 |
| 111 | Characterization of <i>Pseudomonas aeruginosa</i> isolated from various environmental niches: New STs and occurrence of antibiotic susceptible "high-risk clones". <i>International Journal of Environmental Health Research</i> , 2020, 30, 643-652. | 1.3 | 12 |
| 112 | A novel class 1 integron array carrying bla VIM-2 genes and a new insertion sequence in a <i>Pseudomonas aeruginosa</i> strain isolated from a Spanish hospital. <i>Journal of Medical Microbiology</i> , 2011, 60, 1053-1054. | 0.7 | 11 |
| 113 | Comparison of Local Features from Two Spanish Hospitals Reveals Common and Specific Traits at Multiple Levels of the Molecular Epidemiology of Metallo- β -Lactamase-Producing <i>Pseudomonas</i> spp. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2454-2458. | 1.4 | 11 |
| 114 | Characterisation of VIM-2-producing <i>Pseudomonas aeruginosa</i> isolates from lower tract respiratory infections in a Spanish hospital. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 1847-1856. | 1.3 | 11 |
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