Lorena LÃ³pez-Cerero

List of Publications by Year
in descending order

90 papers	3,286 citations	218677 26 h-index	161849 54 g-index
106 all docs	106 docs citations	106 times ranked	4871 citing authors

#	Article	IF	Citations
1	The global threat of antimicrobial resistance: science for intervention. New Microbes and New Infections, 2015, 6, 22-29.	1.6	811
2	Faecal carriage of extended-spectrum Â-lactamase-producing Escherichia coli: prevalence, risk factors and molecular epidemiology. Journal of Antimicrobial Chemotherapy, 2008, 62, 1142-1149.	3.0	190
3	Risk Factors and Prognosis of Nosocomial Bloodstream Infections Caused by Extended-Spectrum-Î²-Lactamase-Producing Escherichia coli. Journal of Clinical Microbiology, 2010, 48, 1726-1731.	3.9	144
4	Extended-spectrum and CMY-type b-lactamase-producing Escherichia coli in clinical samples and retail meat from Pittsburgh, USA and Seville, Spain. Clinical Microbiology and Infection, 2010, 16, 33-38.	6.0	133
5	National survey of Escherichia coli causing extraintestinal infections reveals the spread of drug-resistant clonal groups O25b:H4-B2-ST131, O15:H1-D-ST393 and CGA-D-ST69 with high virulence gene content in Spain. Journal of Antimicrobial Chemotherapy, 2011, 66, 2011-2021.	3.0	117
6	Gentamicin therapy for sepsis due to carbapenem-resistant and colistin-resistant Klebsiella pneumoniae. Journal of Antimicrobial Chemotherapy, 2015, 70, 905-913.	3.0	91
7	Impact of the MIC of Piperacillin-Tazobactam on the Outcome of Patients with Bacteremia Due to Extended-Spectrum-Î²-Lactamase-Producing Escherichia coli. Antimicrobial Agents and Chemotherapy, 2013, 57, 3402-3404.	3.2	90
8	Increased raw poultry meat colonization by extended spectrum beta-lactamase-producing Escherichia coli in the south of Spain. International Journal of Food Microbiology, 2012, 159, 69-73.	4.7	79
9	Assessment of periodontal and opportunistic flora in patients with periâ€implantitis. Clinical Oral Implants Research, 2015, 26, 937-941.	4.5	78
10	Four Main Virotypes among Extended-Spectrum-Î²-Lactamase-Producing Isolates of Escherichia coli O25b:H4-B2-ST131: Bacterial, Epidemiological, and Clinical Characteristics. Journal of Clinical Microbiology, 2013, 51, 3358-3367.	3.9	76
11	Comparative assessment of inoculum effects on the antimicrobial activity of amoxycillin-clavulanate and piperacillin-tazobactam with extended-spectrum Î²-lactamase-producing and extended-spectrum Î²-lactamase-non-producing Escherichia coli isolates.. Clinical Microbiology and Infection, 2010, 16, 132-136.	6.0	71
12	Molecular epidemiology and virulence of Escherichia coli O16:H5-ST131: Comparison with H30 and H30-Rx subclones of O25b:H4-ST131. International Journal of Medical Microbiology, 2014, 304, 1247-1257.	3.6	64
13	Acquisition and Cross-Transmission of Staphylococcus aureus in European Intensive Care Units. Infection Control and Hospital Epidemiology, 2009, 30, 117-124.	1.8	57
14	Escherichia coli belonging to the worldwide emerging epidemic clonal group O25b/ST131: risk factors and clinical implications. Journal of Antimicrobial Chemotherapy, 2014, 69, 809-814.	3.0	52
15	Inoculum Effect on the Efficacies of Amoxicillin-Clavulanate, Piperacillin-Tazobactam, and Imipenem against Extended-Spectrum Î²-Lactamase (ESBL)-Producing and Non-ESBL-Producing Escherichia coli in an Experimental Murine Sepsis Model. Antimicrobial Agents and Chemotherapy, 2013, 57, 2109-2113.	3.2	51
16	Extended-spectrum Î²-lactamase-producing Enterobacteriaceae from animal origin and wastewater in Tunisia: first detection of O25b-B23-CTX-M-27-ST131 Escherichia coli and CTX-M-15/OXA-204-producing Citrobacter freundii from wastewater. Journal of Global Antimicrobial Resistance, 2019, 17, 189-194.	2.2	48
17	Characterisation of the first ongoing outbreak due to KPC-3-producing Klebsiella pneumoniae (ST512) in Spain. International Journal of Antimicrobial Agents, 2014, 44, 538-540.	2.5	46
18	Characterisation of clinical and food animal Escherichia coli isolates producing CTX-M-15 extended-spectrum Î²-lactamase belonging to ST410 phylogroup A. International Journal of Antimicrobial Agents, 2011, 37, 365-367.	2.5	44

#	Article	IF	Citations
19	Guidelines for the prevention of invasive mould diseases caused by filamentous fungi by the Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC). Clinical Microbiology and Infection, 2011, 17, 1-24.	6.0	39
20	Impact of changes in CLSI and EUCAST breakpoints for susceptibility in bloodstream infections due to extended-spectrum Î²-lactamase-producing Escherichia coli. Clinical Microbiology and Infection, 2012, 18, 894-900.	6.0	36
21	Virulence Profiles of Bacteremic Extended-Spectrum Î²-Lactamase-Producing Escherichia coli: Association with Epidemiological and Clinical Features. PLoS ONE, 2012, 7, e44238.	2.5	35
22	Long-Term Control of Endemic Hospital-Wide Methicillin-ResistantStaphylococcus aureus(MRSA): The Impact of Targeted Active Surveillance for MRSA in Patients and Healthcare Workers. Infection Control and Hospital Epidemiology, 2010, 31, 786-795.	1.8	31
23	Ultraviolet disinfection robots to improve hospital cleaning: Real promise or just a gimmick?. Antimicrobial Resistance and Infection Control, 2021, 10, 33.	4.1	31
24	Diagnosis and antimicrobial treatment of invasive infections due to multidrug-resistant Enterobacteriaceae. Guidelines of the Spanish Society of Infectious Diseases and Clinical Microbiology. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2015, 33, 337.e1-337.e21.	0.5	29
25	Epidemiology of MRSA CC398 in hospitals located in Spanish regions with different pig-farming densities: a multicentre study. Journal of Antimicrobial Chemotherapy, 2019, 74, 2157-2161.	3.0	29
26	First report of NDM-1-producing clinical isolate of Leclercia adecarboxylata in Spain. Diagnostic Microbiology and Infectious Disease, 2017, 88, 268-270.	1.8	26
27	Fatal Levofloxacin Failure in Treatment of a Bacteremic Patient Infected with Streptococcus pneumoniae with a Preexisting parC Mutation. Journal of Clinical Microbiology, 2008, 46, 1558-1560.	3.9	23
28	Executive summary of the diagnosis and antimicrobial treatment of invasive infections due to multidrug-resistant Enterobacteriaceae. Guidelines of the Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC). Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2015, 33, 338-341.	0.5	23
29	OXA-48-Like-Producing Klebsiella pneumoniae in Southern Spain in 2014â€“2015. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	23
30	First identification of blaNDM-1 carbapenemase in blaOXA-94-producing Acinetobacter baumannii ST85 in Spain. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2020, 38, 11-15.	0.5	23
31	Prevalence and Genetic Characteristics of Staphylococcus aureus CC398 Isolates From Invasive Infections in Spanish Hospitals, Focusing on the Livestock-Independent CC398-MSSA Clade. Frontiers in Microbiology, 2021, 12, 623108.	3.5	23
32	Outcome of bacteraemia due to extended-spectrum Î²-lactamase-producing Escherichia coli: Impact of microbiological determinants. Journal of Infection, 2013, 67, 27-34.	3.3	22
33	Escherichia coli O25b:H4/ST131 are prevalent in Spain and are often not associated with ESBL or quinolone resistance. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2013, 31, 385-388.	0.5	22
34	Intensive farming as a source of bacterial resistance to antimicrobial agents in sedentary and migratory vultures: Implications for local and transboundary spread. Science of the Total Environment, 2020, 739, 140356.	8.0	22
35	Susceptibility patterns of bacteria causing community-acquired respiratory infections in Spain: the SAUCE project. Journal of Antimicrobial Chemotherapy, 2002, 50, 21-26.	3.0	21
36	Assessment of the presence of extended-spectrum beta-lactamase-producing Escherichia coli in eggshells and ready-to-eat products. European Journal of Clinical Microbiology and Infectious Diseases, 2011, 30, 1045-1047.	2.9	21

#	Article	IF	Citations
37	Vagino-rectal colonization and maternalâ€“neonatal transmission of Enterobacteriaceae producing extended-spectrum Î²-lactamases or carbapenemases: a cross-sectional study. Journal of Hospital Infection, 2019, 101, 167-174.	2.9	21
38	Evaluation of the Etest method for fosfomycin susceptibility of ESBL-producing Klebsiella pneumoniae. Journal of Antimicrobial Chemotherapy, 2007, 59, 810-812.	3.0	20
39	Prevalence and transmission dynamics of Escherichia coli ST131 among contacts of infected community and hospitalized patients. Clinical Microbiology and Infection, 2018, 24, 618-623.	6.0	19
40	Presence of quinolone resistance to qnrB1 genes and blaOXA-48 carbapenemase in clinical isolates of Klebsiella pneumoniae in Spain. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2014, 32, 441-442.	0.5	18
41	Assessment of a phenotypic algorithm to detect plasmid-mediated quinolone resistance in Enterobacteriaceae. Journal of Antimicrobial Chemotherapy, 2016, 71, 845-847.	3.0	18
42	Reduced Susceptibility to Cefepime in Clinical Isolates of Enterobacteriaceae Producing OXA-1 Beta-Lactamase. Microbial Drug Resistance, 2016, 22, 141-146.	2.0	18
43	Intestinal colonization due to Escherichia coli ST131: risk factors and prevalence. Antimicrobial Resistance and Infection Control, 2018, 7, 135.	4.1	18
44	Within-lineage variability of ST131 Escherichia coli isolates from humans and companion animals in the south of Europe. Journal of Antimicrobial Chemotherapy, 2014, 69, 271-273.	3.0	17
45	Isolation of multidrug-resistant Klebsiella oxytoca carrying blaIMP-8, associated with OXY hyperproduction, in the intensive care unit of a community hospital in Spain. Journal of Antimicrobial Chemotherapy, 2010, 65, 1071-1073.	3.0	16
46	Characterization of an outbreak due to CTX-M-15-producingKlebsiella pneumoniaelacking thebla_{OXA-48}gene belonging to clone ST405 in a neonatal unit in southern Spain. Journal of Antimicrobial Chemotherapy, 2016, 71, 2353-2355.	3.0	16
47	Do specific antimicrobial stewardship interventions have an impact on carbapenem resistance in Gram-negative bacilli? A multicentre quasi-experimental ecological study: time-trend analysis and characterization of carbapenemases. Journal of Antimicrobial Chemotherapy, 2021, 76, 1928-1936.	3.0	16
48	Bacteraemia due to non-ESBL-producing Escherichia coli O25b:H4 sequence type 131: insights into risk factors, clinical features and outcomes. International Journal of Antimicrobial Agents, 2017, 49, 498-502.	2.5	15
49	A case of panâ€resistant Burkholderia cepacia complex bacteremic pneumonia, after lung transplantation treated with a targeted combination therapy. Transplant Infectious Disease, 2019, 21, e13034.	1.7	15
50	Neonatal sepsis caused by a CTX-M-32-producing Escherichia coli isolate. Journal of Medical Microbiology, 2008, 57, 1303-1305.	1.8	14
51	Performance of EUCAST and CLSI approaches for co-amoxiclav susceptibility testing conditions for clinical categorization of a collection ofEscherichia coliisolates with characterized resistance phenotypes. Journal of Antimicrobial Chemotherapy, 2015, 70, 2306-2310.	3.0	14
52	Astrovirus Infection Among Children with Gastroenteritis in the City of Zaragoza, Spain. European Journal of Clinical Microbiology and Infectious Diseases, 2000, 19, 545-547.	2.9	13
53	Penicillin susceptibility among invasive MSSA infections: a multicentre study in 16 Spanish hospitals. Journal of Antimicrobial Chemotherapy, 2021, 76, 2519-2527.	3.0	13
54	White Paper: Bridging the gap between surveillance data and antimicrobial stewardship in the outpatient sectorâ€”practical guidance from the JPIAMR ARCH and COMBACTE-MAGNET EPI-Net networks. Journal of Antimicrobial Chemotherapy, 2020, 75, ii42-ii51.	3.0	12

#	Article	IF	Citations
55	Epidemiology of infections caused by carbapenemase-producing Enterobacteriaceae: Reservoirs and transmission mechanisms. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2014, 32, 10-16.	0.5	11
56	Modelling the epidemiology of Escherichia coli ST131 and the impact of interventions on the community and healthcare centres. Epidemiology and Infection, 2016, 144, 1974-1982.	2.1	11
57	Nosocomial outbreak linked to a flexible gastrointestinal endoscope contaminated with an amikacin-resistant ST17 clone of Pseudomonas aeruginosa. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 1837-1844.	2.9	11
58	Prevalence of ST131 Clone Producing Both ESBL CTX-M-15 and AAC(6â€²)Ib-cr Among Ciprofloxacin-Resistant Escherichia coli Isolates from Yemen. Microbial Drug Resistance, 2018, 24, 1537-1542.	2.0	10
59	Carbapenemase-Producing Gram-Negative Bacteria in Andalusia, Spain, 2014â€“2018. Emerging Infectious Diseases, 2020, 26, 2218-2222.	4.3	10
60	First detection and characterization of an OXA-48-producing Enterobacter aerogenes isolate. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2014, 32, 469-470.	0.5	8
61	White Paper: Bridging the gap between surveillance data and antimicrobial stewardship in the animal sectorâ€”practical guidance from the JPIAMR ARCH and COMBACTE-MAGNET EPI-Net networks. Journal of Antimicrobial Chemotherapy, 2020, 75, ii52-ii66.	3.0	7
62	ComparaciÃ³n de tres mÃ©todos para determinar la sensibilidad a imipenem y meropenem en Acinetobacter baumannii con fenotipo heterorresistente a carbapenemes. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2008, 26, 485-488.	0.5	6
63	Tracking KPC-3-producing ST-258 Klebsiella pneumoniae outbreak in a third-level hospital in Granada (Andalusia, Spain) by risk factors and molecular characteristics. Molecular Biology Reports, 2020, 47, 1089-1097.	2.3	6
64	Temocillin versus meropenem for the targeted treatment of bacteraemia due to third-generation cephalosporin-resistant Enterobacterales (ASTARTÃ‰): protocol for a randomised, pragmatic trial. BMJ Open, 2021, 11, e049481.	1.9	6
65	Recommendations of the Spanish Antibiogram Committee (COESANT) for selecting antimicrobial agents and concentrations for in vitro susceptibility studies using automated systems. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2020, 38, 182-187.	0.5	6
66	Duration of Colonization by Extended-Spectrum Î²-Lactamase-Producing Enterobacteriaceae in Healthy Newborns and Associated Risk Factors: A Prospective Cohort Study. Open Forum Infectious Diseases, 2018, 5, ofy312.	0.9	5
67	Incidence and Risk Factors for Acquisition of Extended-Spectrum Î²-Lactamase-Producing Enterobacteriaceae in Newborns in Seville, Spain: A Prospective Cohort Study. International Journal of Antimicrobial Agents, 2018, 52, 835-841.	2.5	5
68	Multicenter study of clinical non-Î²-lactam-antibiotic susceptible MRSA strains: Genetic lineages and Panton-Valentine leukocidin (PVL) production. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2019, 37, 509-513.	0.5	5
69	A comprehensive surveillance, control and management programme for Clostridium difficile infection. Journal of Hospital Infection, 2010, 74, 91-93.	2.9	4
70	Antimicrobial resistance phenotypes and genotypes of methicillin-resistant Staphylococcus aureus CC398 isolates from Spanish hospitals. International Journal of Antimicrobial Agents, 2020, 55, 105907.	2.5	4
71	Similarities between the genetic environments of blaCTX-M-15 in Escherichia coli from clinical and food samples from Spain and overseas travellers. Journal of Antimicrobial Chemotherapy, 2011, 66, 2177-2177.	3.0	3
72	Uncoupling between core genome and virulome in extraintestinal pathogenic Escherichia coli. Canadian Journal of Microbiology, 2015, 61, 647-652.	1.7	3

#	Article	IF	Citations
73	Higher prevalence of CTX-M-27-producing Escherichia coli belonging to ST131 clade C1 among residents of two long-term care facilities in Southern Spain. European Journal of Clinical Microbiology and Infectious Diseases, 2022, 41, 335-338.	2.9	3
74	Proofâ€ofâ€concept study to quantify changes in intestinal loads of KPC-producing Klebsiella pneumoniae in colonised patients following selective digestive decontamination with oral gentamicin. Journal of Global Antimicrobial Resistance, 2022, 30, 16-22.	2.2	3
75	Characterization of Extended-Spectrum Î²-Lactamase-Producing Shigella sonnei in Spain: Expanding the Geographic Distribution of Sequence Type 152/CTX-M-27 Clone. Antimicrobial Agents and Chemotherapy, 2022, 66, .	3.2	3
76	Use of a Selective Medium and a Membrane Filter Method for Isolation of Campylobacter Species from Spanish Paediatric Patients. European Journal of Clinical Microbiology and Infectious Diseases, 1998, 17, 489-492.	2.9	2
77	Baja prevalencia de aislados mcr -1 positivos en enterobacterias en nuestra Ã¡rea. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2017, 35, 467-468.	0.5	1
78	Association of blaOXA-1, and aac(6â€²)-Ib-cr with ST405 K. pneumoniae clone. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2019, 37, 417-418.	0.5	1
79	Assessment of a semi-automated enrichment system (Uroquattro HB&L) for detection of faecal carriers of ESBL-/AmpC-producing Enterobacterales. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2020, 38, 367-370.	0.5	1
80	Identification of a Stable Chromosomal Tandem Multicopy of bla _{VIM-63} , a New bla _{VIM-2} Carbapenemase. Journal of Bacteriology, 2022, 204, .	2.2	1
81	Perianal involvement and inguinal adenitis as unusual presentation of tuberculosis. European Journal of Pediatrics, 2007, 166, 967-968.	2.7	0
82	Low prevalence of mcr -1 positive Enterobacteriaceae isolates in a health area. Enfermedades Infecciosas Y Microbiologia Clinica (English Ed), 2017, 35, 467-468.	0.3	0
83	Control of the spread of resistant pathogens in health centers: Beyond the standard prevention measures. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2018, 36, 207-208.	0.5	0
84	Control of the spread of resistant pathogens in health centers: Beyond the standard prevention measures. Enfermedades Infecciosas Y Microbiologia Clinica (English Ed), 2018, 36, 207-208.	0.3	0
85	Association of blaOXA-1, and aac(6â€²)-Ib-cr with ST405 K. pneumoniae clone. Enfermedades Infecciosas Y Microbiologia Clinica (English Ed), 2019, 37, 417-418.	0.3	0
86	First identification of blaNDM-1 carbapenemase in blaOXA-94-producing Acinetobacter baumannii ST85 in Spain. Enfermedades Infecciosas Y Microbiologia Clinica (English Ed), 2020, 38, 11-15.	0.3	0
87	Successful outcome after treatment with a combination of meropenem and fosfomycin for VIM-1 and CTX-M-15 producing Klebsiella pneumoniae bloodstream infection. Journal of Infection, 2021, 83, e12-e13.	3.3	0
88	Assessment of a semi-automated enrichment system (Uroquattro HB&L) for detection of faecal carriers of ESBL-/AmpC-producing Enterobacterales. Enfermedades Infecciosas Y Microbiologia Clinica (English Ed), 2020, 38, 367-370.	0.3	0
89	Interplay between IncF plasmids and topoisomerase mutations conferring quinolone resistance in the Escherichia coli ST131 clone: stability and resistance evolution. European Journal of Clinical Microbiology and Infectious Diseases, 2021, , 1.	2.9	0
90	Molecular characterisation of an outbreak of NDM-7-producing Klebsiella pneumoniae reveals ST11 clone expansion combined with interclonal plasmid dissemination. International Journal of Antimicrobial Agents, 2022, , 106551.	2.5	0