

Luis Martnez-Martnez

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279
papers

10,893
citations

58
h-index

91
g-index

325
ext. papers

12,945
ext. citations

5.7
avg. IF

5.87
L-index

#	Paper	IF	Citations
279	Quinolone resistance from a transferable plasmid. <i>Lancet, The</i> , 1998 , 351, 797-9	4.0	821
278	Epidemiology and clinical features of infections caused by extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> in nonhospitalized patients. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 1089-94	9.7	319
277	<i>Klebsiella pneumoniae</i> AcrAB efflux pump contributes to antimicrobial resistance and virulence. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 177-83	5.9	233
276	Acquired carbapenemases in Gram-negative bacterial pathogens: detection and surveillance issues. <i>Clinical Microbiology and Infection</i> , 2010 , 16, 112-22	9.5	229
275	Emergence of plasmid-mediated quinolone resistance in <i>Escherichia coli</i> in Europe. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 71-6	5.9	222
274	Roles of beta-lactamases and porins in activities of carbapenems and cephalosporins against <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 1669-73	5.9	212
273	Plasmid-mediated quinolone resistance: an update. <i>Journal of Infection and Chemotherapy</i> , 2011 , 17, 149-82	2.2	185
272	qnr Gene nomenclature. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2297-9	5.9	165
271	Biofilm formation in <i>Acinetobacter baumannii</i> : associated features and clinical implications. <i>Clinical Microbiology and Infection</i> , 2008 , 14, 276-8	9.5	164
270	Genetic markers of widespread extensively drug-resistant <i>Pseudomonas aeruginosa</i> high-risk clones. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 6349-57	5.9	161
269	Porin expression in clinical isolates of <i>Klebsiella pneumoniae</i> . <i>Microbiology (United Kingdom)</i> , 1999 , 145 (Pt 3), 673-679	2.9	158
268	Relationship between beta-lactamase production, outer membrane protein and penicillin-binding protein profiles on the activity of carbapenems against clinical isolates of <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2003 , 51, 565-74	5.1	145
267	Overexpression of AmpC and efflux pumps in <i>Pseudomonas aeruginosa</i> isolates from bloodstream infections: prevalence and impact on resistance in a Spanish multicenter study. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 1906-11	5.9	135
266	Contribution of efflux pumps, porins, and beta-lactamases to multidrug resistance in clinical isolates of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 5247-57	5.9	121
265	Impact of antibiotic resistance and of adequate empirical antibiotic treatment in the prognosis of patients with <i>Escherichia coli</i> bacteraemia. <i>Journal of Antimicrobial Chemotherapy</i> , 2007 , 60, 855-63	5.1	119
264	Nationwide study of <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> producing extended-spectrum beta-lactamases in Spain. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 2122-5	5.9	112
263	Role of <i>Klebsiella pneumoniae</i> OmpK35 porin in antimicrobial resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 3332-5	5.9	109

262	Time trends in the aetiology of prosthetic joint infections: a multicentre cohort study. <i>Clinical Microbiology and Infection</i> , 2016 , 22, 732.e1-8	9.5	108
261	Influence of virulence genotype and resistance profile in the mortality of <i>Pseudomonas aeruginosa</i> bloodstream infections. <i>Clinical Infectious Diseases</i> , 2015 , 60, 539-48	11.6	104
260	Effect of adequate single-drug vs combination antimicrobial therapy on mortality in <i>Pseudomonas aeruginosa</i> bloodstream infections: a post Hoc analysis of a prospective cohort. <i>Clinical Infectious Diseases</i> , 2013 , 57, 208-16	11.6	104
259	Clinical features and epidemiology of <i>Acinetobacter baumannii</i> colonization and infection in Spanish hospitals. <i>Infection Control and Hospital Epidemiology</i> , 2004 , 25, 819-24	2	103
258	Prospective multicenter study of the impact of carbapenem resistance on mortality in <i>Pseudomonas aeruginosa</i> bloodstream infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1265-72	5.9	102
257	Plasmid-mediated quinolone resistance: Two decades on. <i>Drug Resistance Updates</i> , 2016 , 29, 13-29	23.2	102
256	Prospective multicenter study of carbapenemase-producing Enterobacteriaceae from 83 hospitals in Spain reveals high in vitro susceptibility to colistin and meropenem. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 3406-12	5.9	99
255	National survey of <i>Escherichia coli</i> 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. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2011-21	5.1	99
254	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, 886-97	5.1	97
253	A Multinational, Preregistered Cohort Study of β -Lactam/ β -Lactamase Inhibitor Combinations for Treatment of Bloodstream Infections Due to Extended-Spectrum- β -Lactamase-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 4159-69	5.9	96
252	Predictive analysis of transmissible quinolone resistance indicates <i>Stenotrophomonas maltophilia</i> as a potential source of a novel family of Qnr determinants. <i>BMC Microbiology</i> , 2008 , 8, 148	4.5	95
251	Extended-spectrum beta-lactamases and the permeability barrier. <i>Clinical Microbiology and Infection</i> , 2008 , 14 Suppl 1, 82-9	9.5	93
250	Detection of the pandemic O25-ST131 human virulent <i>Escherichia coli</i> CTX-M-15-producing clone harboring the qnrB2 and aac(6)-Ib-cr genes in a dog. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 327-8	5.9	90
249	Interaction of plasmid and host quinolone resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2003 , 51, 1037-9	5.1	88
248	Prevalence of plasmid-mediated quinolone resistance determinants qnr and aac(6)-Ib-cr in <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> producing extended-spectrum β -lactamases in Spain. <i>International Journal of Antimicrobial Agents</i> , 2012 , 39, 431-4	14.3	82
247	Emergence of imipenem resistance in clinical <i>Escherichia coli</i> during therapy. <i>International Journal of Antimicrobial Agents</i> , 2008 , 32, 534-7	14.3	82
246	Risk-factors for the acquisition of imipenem-resistant <i>Acinetobacter baumannii</i> in Spain: a nationwide study. <i>Clinical Microbiology and Infection</i> , 2005 , 11, 874-9	9.5	82
245	Biological markers of <i>Pseudomonas aeruginosa</i> epidemic high-risk clones. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 5527-35	5.9	81

244	Contribution of OqxAB efflux pumps to quinolone resistance in extended-spectrum- β -lactamase-producing <i>Klebsiella pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 68-73	5.1	81
243	The undiagnosed cases of <i>Clostridium difficile</i> infection in a whole nation: where is the problem?. <i>Clinical Microbiology and Infection</i> , 2012 , 18, E204-13	9.5	78
242	Diversity of <i>Escherichia coli</i> strains producing extended-spectrum beta-lactamases in Spain: second nationwide study. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 2840-5	9.7	76
241	Alterations of OprD in carbapenem-intermediate and -susceptible strains of <i>Pseudomonas aeruginosa</i> isolated from patients with bacteremia in a Spanish multicenter study. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1703-13	5.9	76
240	Prevalence and molecular epidemiology of acquired AmpC β -lactamases and carbapenemases in Enterobacteriaceae isolates from 35 hospitals in Spain. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013 , 32, 253-9	5.3	73
239	Evaluation of the VITEK 2 system for the identification and susceptibility testing of three species of nonfermenting gram-negative rods frequently isolated from clinical samples. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 3247-53	9.7	73
238	Long-term control of hospital-wide, endemic multidrug-resistant <i>Acinetobacter baumannii</i> through a comprehensive "bundle" approach. <i>American Journal of Infection Control</i> , 2009 , 37, 715-22	3.8	72
237	Genomics and Susceptibility Profiles of Extensively Drug-Resistant <i>Pseudomonas aeruginosa</i> Isolates from Spain. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	70
236	Four main virotypes among extended-spectrum- β -lactamase-producing isolates of <i>Escherichia coli</i> O25b:H4-B2-ST131: bacterial, epidemiological, and clinical characteristics. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 3358-67	9.7	69
235	Mutant prevention concentrations of fluoroquinolones for Enterobacteriaceae expressing the plasmid-carried quinolone resistance determinant qnrA1. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2236-9	5.9	69
234	Deciphering the Resistome of the Widespread <i>Pseudomonas aeruginosa</i> Sequence Type 175 International High-Risk Clone through Whole-Genome Sequencing. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 7415-7423	5.9	69
233	Management of multidrug resistant Gram-negative bacilli infections in solid organ transplant recipients: SET/GESITRA-SEIMC/REIPI recommendations. <i>Transplantation Reviews</i> , 2018 , 32, 36-57	3.3	68
232	Plasmid-mediated quinolone resistance. <i>Expert Review of Anti-Infective Therapy</i> , 2008 , 6, 685-711	5.5	68
231	Relationship between outer membrane alterations and susceptibility to antimicrobial agents in isogenic strains of <i>Klebsiella pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2000 , 46, 273-7	5.1	68
230	Use of positive blood cultures for direct identification and susceptibility testing with the vitek 2 system. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 3734-8	9.7	67
229	Development of resistance during antimicrobial therapy caused by insertion sequence interruption of porin genes. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 937-9	5.9	67
228	A Predictive Model of Mortality in Patients With Bloodstream Infections due to Carbapenemase-Producing Enterobacteriaceae. <i>Mayo Clinic Proceedings</i> , 2016 , 91, 1362-1371	6.4	66
227	Monotherapy versus combination therapy for sepsis due to multidrug-resistant <i>Acinetobacter baumannii</i> : analysis of a multicentre prospective cohort. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 3119-26	5.1	64

226	Impact of empirical treatment in extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> and <i>Klebsiella</i> spp. bacteremia. A multicentric cohort study. <i>BMC Infectious Diseases</i> , 2012 , 12, 245	4	64
225	The safety of medical devices containing DEHP plasticized PVC or other plasticizers on neonates and other groups possibly at risk (2015 update). <i>Regulatory Toxicology and Pharmacology</i> , 2016 , 76, 209-10	3.4	62
224	Interplay between plasmid-mediated and chromosomal-mediated fluoroquinolone resistance and bacterial fitness in <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 3203-15	5.1	62
223	Detection of the plasmid-mediated quinolone resistance determinant qnr among clinical isolates of <i>Klebsiella pneumoniae</i> producing AmpC-type beta-lactamase. <i>Journal of Antimicrobial Chemotherapy</i> , 2003 , 52, 703-6	5.1	62
222	Activities of imipenem and cephalosporins against clonally related strains of <i>Escherichia coli</i> hyperproducing chromosomal beta-lactamase and showing altered porin profiles. <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 2534-6	5.9	59
221	Correlation of quinolone resistance levels and differences in basal and quinolone-induced expression from three qnrA-containing plasmids. <i>Clinical Microbiology and Infection</i> , 2006 , 12, 440-5	9.5	58
220	Zinc eluted from siliconized latex urinary catheters decreases OprD expression, causing carbapenem resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 2313-5	5.9	54
219	Energy-dependent accumulation of norfloxacin and porin expression in clinical isolates of <i>Klebsiella pneumoniae</i> and relationship to extended-spectrum beta-lactamase production. <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 3926-32	5.9	53
218	Spanish nationwide survey on <i>Pseudomonas aeruginosa</i> antimicrobial resistance mechanisms and epidemiology. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 1825-1835	5.1	52
217	High concentrations of manganese in Mueller-Hinton agar increase MICs of tigecycline determined by Etest. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 827-9	9.7	52
216	Role of association of OmpK35 and OmpK36 alteration and bla and/or bla genes in conferring carbapenem resistance among non-carbapenemase-producing <i>Klebsiella pneumoniae</i> . <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 898-905	14.3	49
215	Comprehensive clinical and epidemiological assessment of colonisation and infection due to carbapenemase-producing Enterobacteriaceae in Spain. <i>Journal of Infection</i> , 2016 , 72, 152-60	18.9	49
214	Relationship between mutations in the gyrA gene and quinolone resistance in clinical isolates of <i>Corynebacterium striatum</i> and <i>Corynebacterium amycolatum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 1714-9	5.9	48
213	Effect of polyurethane catheters and bacterial biofilms on the in-vitro activity of antimicrobials against <i>Staphylococcus epidermidis</i> . <i>Journal of Hospital Infection</i> , 1993 , 24, 211-8	6.9	48
212	Long-term study of the frequency of <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> isolates producing extended-spectrum beta-lactamases. <i>Clinical Microbiology and Infection</i> , 2005 , 11, 625-31	9.5	47
211	Risks of Infection and Mortality Among Patients Colonized With <i>Klebsiella pneumoniae</i> Carbapenemase-Producing K. pneumoniae: Validation of Scores and Proposal for Management. <i>Clinical Infectious Diseases</i> , 2018 , 66, 1204-1210	11.6	45
210	Energy-dependent accumulation of fluoroquinolones in quinolone-resistant <i>Klebsiella pneumoniae</i> strains. <i>Antimicrobial Agents and Chemotherapy</i> , 1998 , 42, 1850-2	5.9	44
209	Accuracy of different diagnostic tests for early, delayed and late prosthetic joint infection. <i>BMC Infectious Diseases</i> , 2017 , 17, 592	4	43

208	Occurrence of <i>Corynebacterium striatum</i> as an emerging antibiotic-resistant nosocomial pathogen in a Tunisian hospital. <i>Scientific Reports</i> , 2017 , 7, 9704	4.9	43
207	Detection of plasmid-mediated quinolone resistance genes in clinical isolates of <i>Enterobacter</i> spp. in Spain. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 2033-9	9.7	43
206	Reduced susceptibility to biocides in <i>Acinetobacter baumannii</i> : association with resistance to antimicrobials, epidemiological behaviour, biological cost and effect on the expression of genes encoding porins and efflux pumps. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 3222-9	5.1	42
205	Spanish multicenter study of the epidemiology and mechanisms of amoxicillin-clavulanate resistance in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 3576-81	5.9	42
204	Carbapenem-resistant <i>Klebsiella pneumoniae</i> isolates from Egypt containing blaNDM-1 on IncR plasmids and its association with rmtF. <i>International Journal of Infectious Diseases</i> , 2016 , 43, 17-20	10.5	41
203	Molecular epidemiology and virulence of <i>Escherichia coli</i> O16:H5-ST131: comparison with H30 and H30-Rx subclones of O25b:H4-ST131. <i>International Journal of Medical Microbiology</i> , 2014 , 304, 1247-57	3.7	41
202	Epidemiologic and clinical impact of <i>Acinetobacter baumannii</i> colonization and infection: a reappraisal. <i>Medicine (United States)</i> , 2014 , 93, 202-210	1.8	40
201	Identification of clinically relevant <i>Corynebacterium</i> spp., <i>Arcanobacterium haemolyticum</i> , and <i>Rhodococcus equi</i> by matrix-assisted laser desorption ionization-time of flight mass spectrometry. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 1745-7	9.7	40
200	In vitro activity of ceftolozane/tazobactam against clinical isolates of <i>Pseudomonas aeruginosa</i> and <i>Enterobacteriaceae</i> recovered in Spanish medical centres: Results of the CENIT study. <i>International Journal of Antimicrobial Agents</i> , 2015 , 46, 502-10	14.3	39
199	Kinetics of adherence of mucoid and non-mucoid <i>Pseudomonas aeruginosa</i> to plastic catheters. <i>Journal of Medical Microbiology</i> , 1991 , 34, 7-12	3.2	38
198	First identification of NDM-5 associated with OXA-181 in <i>Escherichia coli</i> from Egypt. <i>Emerging Microbes and Infections</i> , 2016 , 5, e30	18.9	38
197	Non-molecular detection of carbapenemases in <i>Enterobacteriaceae</i> clinical isolates. <i>Journal of Infection and Chemotherapy</i> , 2017 , 23, 1-11	2.2	37
196	Development and validation of the INCREMENT-ESBL predictive score for mortality in patients with bloodstream infections due to extended-spectrum-β-lactamase-producing <i>Enterobacteriaceae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 906-913	5.1	36
195	Carbapenemases in <i>Enterobacteriaceae</i> : types and molecular epidemiology. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2014 , 32 Suppl 4, 4-9	0.9	36
194	Analysis of genes encoding penicillin-binding proteins in clinical isolates of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 5907-13	5.9	36
193	Overproduction of Outer Membrane Protein A by <i>Acinetobacter baumannii</i> as a Risk Factor for Nosocomial Pneumonia, Bacteremia, and Mortality Rate Increase. <i>Journal of Infectious Diseases</i> , 2017 , 215, 966-974	7	35
192	Mutational analysis of quinolone resistance in the plasmid-encoded pentapeptide repeat proteins QnrA, QnrB and QnrS. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 63, 1128-34	5.1	35
191	<i>Escherichia coli</i> y <i>Klebsiella pneumoniae</i> productores de betalactamasas de espectro extendido en hospitales españoles (Proyecto GEIH-BLEE 2000). <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2003 , 21, 77-82	0.9	35

190	Activity of Ceftazidime-Avibactam against Clinical and Isogenic Laboratory <i>Pseudomonas aeruginosa</i> Isolates Expressing Combinations of Most Relevant β -Lactam Resistance Mechanisms. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 6407-10	5.9	35
189	Cost of bacteraemia caused by methicillin-resistant vs. methicillin-susceptible <i>Staphylococcus aureus</i> in Spain: a retrospective cohort study. <i>Clinical Microbiology and Infection</i> , 2010 , 16, 722-8	9.5	34
188	CTX-M-15-H30Rx-ST131 subclone is one of the main causes of healthcare-associated ESBL-producing <i>Escherichia coli</i> bacteraemia of urinary origin in Spain. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 2125-30	5.1	34
187	In vitro and in vivo efficacy of combinations of colistin and different endolysins against clinical strains of multi-drug resistant pathogens. <i>Scientific Reports</i> , 2020 , 10, 7163	4.9	33
186	Ertapenem for the treatment of bloodstream infections due to ESBL-producing Enterobacteriaceae: a multinational pre-registered cohort study. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1672-80	5.1	33
185	Empiric Therapy With Carbapenem-Sparing Regimens for Bloodstream Infections due to Extended-Spectrum β -Lactamase-Producing Enterobacteriaceae: Results From the INCREMENT Cohort. <i>Clinical Infectious Diseases</i> , 2017 , 65, 1615-1623	11.6	33
184	Characterization of plasmids carrying the blaOXA-24/40 carbapenemase gene and the genes encoding the AbkA/AbkB proteins of a toxin/antitoxin system. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 2629-33	5.1	32
183	Comparative activity of carbapenem testing: the COMPACT study. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1070-8	5.1	32
182	In-vitro activity of antimicrobial agent combinations against multiresistant <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 1996 , 38, 1107-8	5.1	32
181	Biofilm Formation and Quorum-Sensing-Molecule Production by Clinical Isolates of <i>Serratia liquefaciens</i> . <i>Applied and Environmental Microbiology</i> , 2015 , 81, 3306-15	4.8	31
180	High-level quinolone resistance is associated with the overexpression of smeVWX in <i>Stenotrophomonas maltophilia</i> clinical isolates. <i>Clinical Microbiology and Infection</i> , 2015 , 21, 464-7	9.5	31
179	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,	5.9	31
178	Interplay among Resistance Profiles, High-Risk Clones, and Virulence in the <i>Caenorhabditis elegans</i> <i>Pseudomonas aeruginosa</i> Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	31
177	Activity of ciprofloxacin and levofloxacin in experimental pneumonia caused by <i>Klebsiella pneumoniae</i> deficient in porins, expressing active efflux and producing QnrA1. <i>Clinical Microbiology and Infection</i> , 2008 , 14, 691-7	9.5	31
176	In vitro adherence of <i>Enterococcus faecalis</i> and <i>Enterococcus faecium</i> to urinary catheters. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2000 , 19, 124-7	5.3	31
175	26 Postoperative diagnosis and outcome in patients with revision arthroplasty for aseptic loosening. <i>BMC Infectious Diseases</i> , 2015 , 15, 232	4	30
174	Construction of a new class of tetracycline lead structures with potent antibacterial activity through biosynthetic engineering. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3937-40	16.4	30
173	Antimicrobial susceptibility pattern of <i>Corynebacterium striatum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1996 , 40, 2671-2	5.9	30

172	Biofilm formation by multidrug resistant Enterobacteriaceae strains isolated from solid organ transplant recipients. <i>Scientific Reports</i> , 2019 , 9, 8928	4.9	29
171	Molecular identification of aminoglycoside-modifying enzymes in clinical isolates of Escherichia coli resistant to amoxicillin/clavulanic acid isolated in Spain. <i>International Journal of Antimicrobial Agents</i> , 2015 , 46, 157-63	14.3	29
170	Spanish consensus on the prevention and treatment of Pseudomonas aeruginosa bronchial infections in cystic fibrosis patients. <i>Archivos De Bronconeumologia</i> , 2015 , 51, 140-50	0.7	29
169	Effect of three plastic catheters on survival and growth of Pseudomonas aeruginosa. <i>Journal of Hospital Infection</i> , 1990 , 16, 311-8	6.9	28
168	Selective reporting of antibiotic susceptibility test results in European countries: an ESCMID cross-sectional survey. <i>International Journal of Antimicrobial Agents</i> , 2017 , 49, 162-166	14.3	27
167	How to measure and monitor antimicrobial consumption and resistance. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2013 , 31 Suppl 4, 16-24	0.9	27
166	Type 1 integrons in epidemiologically unrelated Acinetobacter baumannii isolates collected at Spanish hospitals. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 364-5	5.9	27
165	Effects of Subinhibitory Concentrations of Ceftaroline on Methicillin-Resistant Staphylococcus aureus (MRSA) Biofilms. <i>PLoS ONE</i> , 2016 , 11, e0147569	3.7	27
164	Effect of the efflux pump QepA2 combined with chromosomally mediated mechanisms on quinolone resistance and bacterial fitness in Escherichia coli. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 2524-7	5.1	26
163	Post-operative mediastinitis, pleuritis and pericarditis due to Mycoplasma hominis and Ureaplasma urealyticum with a fatal outcome. <i>Journal of Medical Microbiology</i> , 2008 , 57, 656-657	3.2	26
162	Multicenter study evaluating the role of enterococci in secondary bacterial peritonitis. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 456-9	9.7	25
161	Relationship between haemolysis production and resistance to fluoroquinolones among clinical isolates of Escherichia coli. <i>Journal of Antimicrobial Chemotherapy</i> , 1999 , 43, 277-9	5.1	25
160	Characterization of the first CTX-M-14-producing Salmonella enterica serotype Enteritidis isolate. <i>Journal of Antimicrobial Chemotherapy</i> , 2004 , 53, 1113-4	5.1	24
159	An Outbreak of NDM-1-Producing Klebsiella pneumoniae, Associated with OmpK35 and OmpK36 Porin Loss in Tunisia. <i>Microbial Drug Resistance</i> , 2018 , 24, 1137-1147	2.9	23
158	Mechanisms of resistance in clinical isolates of Pseudomonas aeruginosa less susceptible to cefepime than to ceftazidime. <i>Clinical Microbiology and Infection</i> , 2011 , 17, 1817-22	9.5	23
157	Molecular characterization of multiresistant Escherichia coli producing or not extended-spectrum β -lactamases. <i>BMC Microbiology</i> , 2013 , 13, 84	4.5	22
156	Klebsiella pneumoniae strains producing extended-spectrum beta-lactamases in Spain: microbiological and clinical features. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 1134-6	9.7	22
155	Isolation of Mycoplasma hominis in critically ill patients with pulmonary infections: clinical and microbiological analysis in an intensive care unit. <i>Intensive Care Medicine</i> , 2007 , 33, 143-7	14.5	22

154	Resistance of <i>Pseudomonas aeruginosa</i> to imipenem induced by eluates from siliconized latex urinary catheters is related to outer membrane protein alterations. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 397-9	5.9	22
153	<i>Acinetobacter baumannii</i> and <i>A. pittii</i> clinical isolates lack adherence and cytotoxicity to lung epithelial cells in vitro. <i>Microbes and Infection</i> , 2016 , 18, 559-64	9.3	22
152	Evaluation of the carbapenem inactivation method (CIM) for detecting carbapenemase activity in enterobacteria. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017 , 88, 214-218	2.9	21
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1	Evaluation of Vitek-MS™ and Microflex LT™ commercial systems for identification of Acinetobacter calcoaceticus–Baumannii complex. <i>Enfermedades Infecciosas Y Microbiologia Clinica (English Ed)</i> , 2021 , 39, 9-13	0.1	