

Laurent Poirel

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/76804/laurent-poirel-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

397
papers

35,582
citations

97
h-index

177
g-index

414
ext. papers

41,263
ext. citations

6.5
avg, IF

7.73
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 397 | Comment on: Optimization of the rapid carbapenem inactivation method for use with AmpC hyperproducers.. <i>Journal of Antimicrobial Chemotherapy</i> , 2022 , | 5.1 | 0 |
| 396 | as possible source of the integron- and plasmid-mediated fosfomycin resistance gene .. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , aac0222721 | 5.9 | 0 |
| 395 | Co-resistance to ceftazidime-avibactam and cefiderocol in clinical isolates producing KPC variants.. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2022 , 41, 677 | 5.3 | 4 |
| 394 | Fosfomycin as a salvage therapy for treating urinary tract infections due to multidrug-resistant <i>Escherichia coli</i> .. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2022 , 41, 689 | 5.3 | 0 |
| 393 | Reduced chlorhexidine susceptibility is associated with tetracycline resistance genes in clinical isolates of .. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , AAC0197221 | 5.9 | |
| 392 | Impact of Acquired Broad-Spectrum β Lactamases on Susceptibility to Cefiderocol and Newly Developed β Lactam/ β Lactamase Inhibitor Combinations in <i>Escherichia coli</i> and <i>Pseudomonas aeruginosa</i> .. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , e0003922 | 5.9 | 3 |
| 391 | Consensus on β Lactamase Nomenclature.. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , e0033322 | 5.9 | 2 |
| 390 | Rapid ESBL NP Test for Rapid Detection of Expanded-Spectrum β Lactamase Producers in Enterobacterales. <i>Microbial Drug Resistance</i> , 2021 , 27, 1131-1135 | 2.9 | 5 |
| 389 | Selective screening culture medium for fosfomycin resistance in. <i>Journal of Clinical Microbiology</i> , 2021 , JCM0206321 | 9.7 | 0 |
| 388 | A Patient With Multiple Carbapenemase Producers Including an Unusual Hosting an IncC - and -carrying Plasmid.. <i>Pathogens and Immunity</i> , 2021 , 6, 119-134 | 4.9 | 0 |
| 387 | International circulation of aztreonam/avibactam-resistant NDM-5-producing <i>Escherichia coli</i> isolates: successful epidemic clones. <i>Journal of Global Antimicrobial Resistance</i> , 2021 , 27, 326-328 | 3.4 | 1 |
| 386 | Hypervirulent <i>Klebsiella pneumoniae</i> ST23 producing OXA-48 in Switzerland. <i>International Journal of Antimicrobial Agents</i> , 2021 , 58, 106457 | 14.3 | 1 |
| 385 | Diarrhea in an infant due to <i>Shigella flexneri</i> 1 carrying multiple cephalosporinase-encoding genes. <i>Gut Pathogens</i> , 2021 , 13, 18 | 5.4 | |
| 384 | A Selective Culture Medium for Screening Carbapenem Resistance in spp. <i>Microbial Drug Resistance</i> , 2021 , 27, 1355-1359 | 2.9 | |
| 383 | Does an Antibiotic Stewardship Applied in a Pig Farm Lead to Low ESBL Prevalence?. <i>Antibiotics</i> , 2021 , 10, | 4.9 | 2 |
| 382 | False Immunological Detection of CTX-M Enzymes in <i>Klebsiella oxytoca</i> . <i>Journal of Clinical Microbiology</i> , 2021 , 59, | 9.7 | 4 |
| 381 | Antioxidant Molecules as a Source of Mitigation of Antibiotic Resistance Gene Dissemination. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, | 5.9 | 4 |

| | | | |
|-----|---|------|----|
| 380 | MCR-like protein from <i>Kosakonia sacchari</i> , an environmental Enterobacterales. <i>Journal of Global Antimicrobial Resistance</i> , 2021 , 25, 339-340 | 3.4 | |
| 379 | Rapid detection of carbapenemase-producing <i>Pseudomonas</i> spp. using the NitroSpeed-Carba NP test. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021 , 99, 115280 | 2.9 | 2 |
| 378 | Genomic Features of MCR-1 and Extended-Spectrum β -Lactamase-Producing Enterobacterales from Retail Raw Chicken in Egypt. <i>Microorganisms</i> , 2021 , 9, | 4.9 | 13 |
| 377 | Cross-Border Emergence of <i>Escherichia coli</i> Producing the Carbapenemase NDM-5 in Switzerland and Germany. <i>Journal of Clinical Microbiology</i> , 2021 , 59, | 9.7 | 9 |
| 376 | Lack of association between colistin resistance and chlorhexidine reduced susceptibility in clinical isolates of <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2021 , 76, 2736-2737 | 5.1 | 1 |
| 375 | Occurrence of Aztreonam-Avibactam-Resistant NDM-5-Producing <i>Escherichia coli</i> in the Food Chain. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0088221 | 5.9 | 1 |
| 374 | KPC-Mediated Resistance to Ceftazidime-Avibactam and Collateral Effects in <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0089021 | 5.9 | 6 |
| 373 | Contribution of PER-Type and NDM-Type β -Lactamases to Cefiderocol Resistance in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0087721 | 5.9 | 10 |
| 372 | New Delhi Metallo- β -Lactamase-Producing Enterobacterales Bacteria, Switzerland, 2019-2020. <i>Emerging Infectious Diseases</i> , 2021 , 27, 2628-2637 | 10.2 | 3 |
| 371 | Evaluation of SuperCAZ/AVI \square Medium for Screening Ceftazidime-avibactam Resistant Gram-negative Isolates. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021 , 101, 115475 | 2.9 | 0 |
| 370 | Pathogenicity Genomic Island-Associated CrpP-Like Fluoroquinolone-Modifying Enzymes among <i>Pseudomonas aeruginosa</i> Clinical Isolates in Europe. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64, | 5.9 | 10 |
| 369 | PFM-Like Enzymes Are a Novel Family of Subclass B2 Metallo- β -Lactamases from <i>Pseudomonas synxantha</i> Belonging to the <i>Pseudomonas fluorescens</i> Complex. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64, | 5.9 | 6 |
| 368 | The type I-E CRISPR-Cas system influences the acquisition of -IncF plasmid in. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1011-1022 | 18.9 | 12 |
| 367 | KPC-50 Confers Resistance to Ceftazidime-Avibactam Associated with Reduced Carbapenemase Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64, | 5.9 | 20 |
| 366 | High-risk KPC-producing <i>Klebsiella pneumoniae</i> lack type I R-M systems. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106050 | 14.3 | 3 |
| 365 | A phage-based decolonisation strategy against pan-resistant enterobacterial strains. <i>Lancet Infectious Diseases</i> , 2020 , 20, 525-526 | 25.5 | 4 |
| 364 | A Selective Culture Medium for Screening Ceftazidime-Avibactam Resistance in and <i>Pseudomonas aeruginosa</i> . <i>Journal of Clinical Microbiology</i> , 2020 , 58, | 9.7 | 3 |
| 363 | NitroSpeed-Carba NP Test for Rapid Detection and Differentiation between Different Classes of Carbapenemases in. <i>Journal of Clinical Microbiology</i> , 2020 , 58, | 9.7 | 9 |

| | | | |
|-----|--|------|----|
| 362 | Occurrence of NDM-1-producing <i>Morganella morganii</i> and <i>Proteus mirabilis</i> in a single patient in Portugal: probable in vivo transfer by conjugation. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 903-906 | 5.1 | 15 |
| 361 | Emergence of colistin-resistant Gram-negative Enterobacterales in the gut of patients receiving oral colistin and neomycin decontamination. <i>Journal of Infection</i> , 2020 , 80, 578-606 | 18.9 | 2 |
| 360 | Characterization of FosL1, a Plasmid-Encoded Fosfomycin Resistance Protein Identified in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64, | 5.9 | 9 |
| 359 | Epidemiology of carbapenemase-producing <i>Klebsiella pneumoniae</i> in northern Portugal: Predominance of KPC-2 and OXA-48. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 22, 349-353 | 3.4 | 11 |
| 358 | Ongoing dissemination of OXA-244 carbapenemase-producing <i>Escherichia coli</i> in Switzerland and their detection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020 , 97, 115059 | 2.9 | 5 |
| 357 | IS-Mediated Transposition Leads to Fosfomycin and Broad-Spectrum Cephalosporin Resistance in <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64, | 5.9 | 5 |
| 356 | Crisis of emerging antibiotic resistances mirroring that of the COVID-19 in the age of globalisation. <i>Swiss Medical Weekly</i> , 2020 , 150, w20402 | 3.1 | 2 |
| 355 | Genetic Features Leading to Reduced Susceptibility to Aztreonam-Avibactam among Metallo- β -Lactamase-Producing <i>Escherichia coli</i> Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64, | 5.9 | 16 |
| 354 | A Standard Numbering Scheme for Class C β -Lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64, | 5.9 | 25 |
| 353 | Optimal detection of extended-spectrum β -Lactamase producers, carbapenemase producers, polymyxin-resistant Enterobacterales, and vancomycin-resistant enterococci from stools. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020 , 96, 114919 | 2.9 | 2 |
| 352 | In-vitro evaluation of a dual carbapenem combination against carbapenemase-producing <i>Acinetobacter baumannii</i> . <i>Journal of Infection</i> , 2020 , 80, 121-142 | 18.9 | 16 |
| 351 | Intestinal carriage of extended-spectrum beta-lactamase-producing Enterobacteriaceae at admission in a Portuguese hospital. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020 , 39, 783-790 | 5.3 | 9 |
| 350 | Draft genome sequence of an mcr-1/IncI2-carrying multidrug-resistant <i>Escherichia coli</i> B1:ST101 isolated from meat and meat products in Egypt. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 20, 41-42 | 3.4 | 14 |
| 349 | High Colonization Rate and Heterogeneity of ESBL- and Carbapenemase-Producing Isolated from Gull Feces in Lisbon, Portugal. <i>Microorganisms</i> , 2020 , 8, | 4.9 | 5 |
| 348 | Epidemiology of extended-spectrum β -Lactamase-producing Enterobacteriaceae among healthcare students, at the Portuguese Red Cross Health School of Lisbon, Portugal. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 22, 733-737 | 3.4 | 2 |
| 347 | Implementation and evaluation of methods for the optimal detection of carbapenem-resistant and colistin-resistant <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> from stools. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020 , 98, 115121 | 2.9 | 2 |
| 346 | Genetic characterisation of NDM-1 and NDM-5-producing Enterobacterales from retail chicken meat in Egypt. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 23, 70-71 | 3.4 | 3 |
| 345 | Fast and reliable detection of carbapenemase genes in various Gram negatives using a new commercially available fluorescence-based real-time polymerase chain reaction platform. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020 , 98, 115127 | 2.9 | 3 |

| | | | |
|-----|--|------|----|
| 344 | First Genomic Characterization of and Coharboured Isolated from Food of Animal Origin. <i>Pathogens</i> , 2020 , 9, | 4.5 | 13 |
| 343 | Occurrence of CTX-M-15- and MCR-1-producing Enterobacterales in pigs in Portugal: Evidence of direct links with antibiotic selective pressure. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105802 | 14.3 | 25 |
| 342 | Wide spread of carbapenemase-producing bacterial isolates in a Nigerian environment. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 21, 321-323 | 3.4 | 5 |
| 341 | Eradication of a Multidrug-Resistant, Carbapenemase-Producing <i>Klebsiella pneumoniae</i> Isolate Following Oral and Intra-rectal Therapy With a Custom Made, Lytic Bacteriophage Preparation. <i>Clinical Infectious Diseases</i> , 2020 , 70, 1998-2001 | 11.6 | 46 |
| 340 | Rapid Polymyxin/Pseudomonas NP test for rapid detection of polymyxin susceptibility/resistance in <i>Pseudomonas aeruginosa</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020 , 39, 1657-1662 | 5.3 | 6 |
| 339 | Epidemiology of Carbapenemase-Producing <i>Klebsiella pneumoniae</i> in a Hospital, Portugal. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1632-1638 | 10.2 | 35 |
| 338 | Identification of FosA8, a Plasmid-Encoded Fosfomycin Resistance Determinant from <i>Escherichia coli</i> , and Its Origin in <i>Leclercia adecarboxylata</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63, | 5.9 | 17 |
| 337 | Full Genome Sequence of pT3, a Multiresistant Plasmid Carrying the Colistin Resistance Gene, Recovered from an Extended-Spectrum- β -Lactamase-Producing <i>Escherichia coli</i> Isolate from Crickets Sold as Food. <i>Microbiology Resource Announcements</i> , 2019 , 8, | 1.3 | 4 |
| 336 | Cooccurrence of NDM-1, ESBL, RmtC, AAC(6 β -Ib), and QnrB in Clonally Related Isolates Together with Coexistence of CMY-4 and AAC(6 β -Ib) in Isolates from Saudi Arabia. <i>BioMed Research International</i> , 2019 , 2019, 6736897 | 3 | 4 |
| 335 | Phenotypic, biochemical and genetic analysis of KPC-41, a KPC-3 variant conferring resistance to ceftazidime-avibactam and exhibiting reduced carbapenemase activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , | 5.9 | 33 |
| 334 | Increased Resistance to Carbapenems in <i>Escherichia coli</i> Mediated by Amplification of the <i>bla</i> _{KPC} -Carrying and IS-Associated Class 1 Integron. <i>Microbial Drug Resistance</i> , 2019 , 25, 663-667 | 2.9 | 7 |
| 333 | <i>bla</i> _{TEM-52} , an Inducible Gene Encoding an Acquired Phosphoethanolamine Transferase in <i>Escherichia coli</i> , and Its Origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63, | 5.9 | 71 |
| 332 | Rapid immunochromatography-based detection of carbapenemase producers. <i>Infection</i> , 2019 , 47, 673-678 | 5.8 | 8 |
| 331 | Functional Characterization of a Miniature Inverted Transposable Element at the Origin of Gene Acquisition in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63, | 5.9 | 8 |
| 330 | ESBLs and resistance to ceftazidime/avibactam and ceftolozane/tazobactam combinations in <i>Escherichia coli</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 1934-1939 | 5.1 | 49 |
| 329 | Non-typhoidal <i>Salmonella</i> blood stream infection in Kuwait: Clinical and microbiological characteristics. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007293 | 4.8 | 4 |
| 328 | A selective culture medium for screening linezolid-resistant gram-positive bacteria. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019 , 95, 1-4 | 2.9 | 4 |
| 327 | Colistin resistance in Parisian inpatient faecal <i>Escherichia coli</i> as the result of two distinct evolutionary pathways. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 1521-1530 | 5.1 | 36 |

| | | | |
|-----|---|------|-----|
| 326 | Prevalence of fosfomycin resistance among ESBL-producing <i>Escherichia coli</i> isolates in the community, Switzerland. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019 , 38, 945-949 | 5.3 | 17 |
| 325 | Multiple colonization with carbapenem-resistant Gram-negative bacteria acquired in India and transferred to Switzerland. <i>Infection</i> , 2019 , 47, 669-671 | 5.8 | 1 |
| 324 | Evaluation of resazurin-based rapid test to detect colistin resistance in <i>Acinetobacter baumannii</i> isolates. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019 , 38, 2159-2162 | 5.3 | 7 |
| 323 | Characterization of PAN-1, a Carbapenem-Hydrolyzing Class B β -Lactamase From the Environmental Gram-Negative. <i>Frontiers in Microbiology</i> , 2019 , 10, 1673 | 5.7 | 2 |
| 322 | Molecular characterization of multidrug-resistance in Gram-negative bacteria from the Peshawar teaching hospital, Pakistan. <i>New Microbes and New Infections</i> , 2019 , 32, 100605 | 4.1 | 9 |
| 321 | ZHO-1, an intrinsic MBL from the environmental Gram-negative species <i>Zhongshania aliphaticivorans</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 1568-1571 | 5.1 | 2 |
| 320 | Epidemiology and Diagnostics of Carbapenem Resistance in Gram-negative Bacteria. <i>Clinical Infectious Diseases</i> , 2019 , 69, S521-S528 | 11.6 | 157 |
| 319 | Epidemiology and antimicrobial resistance of methicillin-resistant <i>Staphylococcus aureus</i> isolates colonizing pigs with different exposure to antibiotics. <i>PLoS ONE</i> , 2019 , 14, e0225497 | 3.7 | 10 |
| 318 | CTX-M-33, a CTX-M-15 derivative conferring reduced susceptibility to carbapenems. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , | 5.9 | 12 |
| 317 | A Resazurin Reduction-Based Assay for Rapid Detection of Polymyxin Resistance in <i>Acinetobacter baumannii</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Clinical Microbiology</i> , 2019 , 57, | 9.7 | 25 |
| 316 | Rapid Detection of Fosfomycin Resistance in <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2019 , 57, | 9.7 | 15 |
| 315 | Acquisition of Extended-Spectrum β -Lactamase GES-6 Leading to Resistance to Ceftolozane-Tazobactam Combination in. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63, | 5.9 | 15 |
| 314 | Performances of the Rapid Polymyxin and Tests for Colistin Susceptibility Testing. <i>Microbial Drug Resistance</i> , 2019 , 25, 520-523 | 2.9 | 8 |
| 313 | Complete Genome Sequencing of <i>Acinetobacter baumannii</i> Strain K50 Discloses the Large Conjugative Plasmid pK50a Encoding Carbapenemase OXA-23 and Extended-Spectrum β -Lactamase GES-11. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62, | 5.9 | 17 |
| 312 | Evaluation of three broth microdilution systems to determine colistin susceptibility of Gram-negative bacilli. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 1272-1278 | 5.1 | 23 |
| 311 | Resistome Analysis of a Carbapenemase (OXA-48)-Producing and Colistin-Resistant <i>Klebsiella pneumoniae</i> Strain. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62, | 5.9 | 5 |
| 310 | Colistin-resistant carbapenemase-producing isolates among <i>Klebsiella</i> spp. and <i>Acinetobacter baumannii</i> in Tripoli, Libya. <i>Journal of Global Antimicrobial Resistance</i> , 2018 , 13, 37-39 | 3.4 | 6 |
| 309 | Integrase-Mediated Recombination of the Gene Cassette Encoding the Extended-Spectrum β -Lactamase BEL-1. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62, | 5.9 | 2 |

| | | | |
|-----|---|------|-----|
| 308 | A culture medium for screening 16S rRNA methylase-producing pan-aminoglycoside resistant Gram-negative bacteria. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 91, 118-122 | 2.9 | 4 |
| 307 | High Rate of Association of 16S rRNA Methylases and Carbapenemases in Enterobacteriaceae Recovered from Hospitalized Children in Angola. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62, | 5.9 | 15 |
| 306 | Emergence of an MDR Klebsiella pneumoniae ST231 producing OXA-232 and RmtF in Switzerland. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 821-823 | 5.1 | 23 |
| 305 | Ceftazidime/avibactam alone or in combination with aztreonam against colistin-resistant and carbapenemase-producing Klebsiella pneumoniae. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 542-544 | 5.1 | 48 |
| 304 | Transposition of Tn Encoding the PER-1 Extended-Spectrum β -Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62, | 5.9 | 3 |
| 303 | Carbapenemase-Producing Organisms: A Global Scourge. <i>Clinical Infectious Diseases</i> , 2018 , 66, 1290-1297 | 11.6 | 221 |
| 302 | Rapid multiplex polymerase chain reaction for detection of mcr-1 to mcr-5 genes. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 92, 267-269 | 2.9 | 32 |
| 301 | Genetic and Functional Characterization of an MCR-3-Like Enzyme-Producing Escherichia coli Isolate Recovered from Swine in Brazil. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62, | 5.9 | 26 |
| 300 | Co-production of MCR-1 and extended-spectrum β -lactamase in Escherichia coli recovered from urinary tract infections in Switzerland. <i>Infection</i> , 2018 , 46, 143-144 | 5.8 | 4 |
| 299 | CHROMagar mSuperCARBA and RAPIDEC [®] Carba NP test for detection of carbapenemase-producing Enterobacteriaceae. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 90, 77-80 | 2.9 | 13 |
| 298 | Rapid Polymyxin NP test for the detection of polymyxin resistance mediated by the mcr-1/mcr-2 genes. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 90, 7-10 | 2.9 | 24 |
| 297 | Antimicrobial Resistance in. <i>Microbiology Spectrum</i> , 2018 , 6, | 8.9 | 153 |
| 296 | First report of an mcr-1-harboring Salmonella enterica subsp. enterica serotype 4,5,12:i:- strain isolated from blood of a patient in Switzerland. <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 740-741 | 14.3 | 7 |
| 295 | Klebsiella pneumoniae co-producing KPC and RmtG, finally targeting Switzerland. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 90, 151-152 | 2.9 | 3 |
| 294 | Stability of cefiderocol against clinically significant broad-spectrum oxacillinases. <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 866-867 | 14.3 | 25 |
| 293 | Antimicrobial Resistance in Escherichia coli 2018 , 289-316 | | 22 |
| 292 | Detection of colistin-resistant Gram-negative rods by using the SuperPolymyxin medium. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 92, 95-101 | 2.9 | 9 |
| 291 | Evaluation of the Rapid Polymyxin NP test and its industrial version for the detection of polymyxin-resistant Enterobacteriaceae. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 92, 90-94 | 2.9 | 17 |

| | | | |
|-----|--|------|-----|
| 290 | Screening and Characterization of Multidrug-Resistant Gram-Negative Bacteria from a Remote African Area, São Tomé and Príncipe. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62, | 5.9 | 16 |
| 289 | Rapid Aminoglycoside NP Test for Rapid Detection of Multiple Aminoglycoside Resistance in Enterobacteriaceae. <i>Journal of Clinical Microbiology</i> , 2017 , 55, 1074-1079 | 9.7 | 6 |
| 288 | Characterization of BRP, the Bleomycin Resistance Protein Associated with the Carbapenemase NDM. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 14 |
| 287 | Recent advances in biochemical and molecular diagnostics for the rapid detection of antibiotic-resistant Enterobacteriaceae: a focus on β -lactam resistance. <i>Expert Review of Molecular Diagnostics</i> , 2017 , 17, 327-350 | 3.8 | 31 |
| 286 | Polymyxins: Antibacterial Activity, Susceptibility Testing, and Resistance Mechanisms Encoded by Plasmids or Chromosomes. <i>Clinical Microbiology Reviews</i> , 2017 , 30, 557-596 | 34 | 692 |
| 285 | Lack of polymyxin resistance among carbapenemase-producing Enterobacteriaceae in a university hospital in China. <i>Infectious Diseases</i> , 2017 , 49, 556-557 | 3.1 | 6 |
| 284 | Study of IS-Mediated Mobilization of the Colistin Resistance Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 54 |
| 283 | Evaluation of the RAPIDEC [®] CARBA NP and β CARBA [®] tests for rapid detection of Carbapenemase-producing Enterobacteriaceae. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017 , 88, 293-297 | 2.9 | 34 |
| 282 | Hafnia, an enterobacterial genus naturally resistant to colistin revealed by three susceptibility testing methods. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 2507-2511 | 5.1 | 18 |
| 281 | FRI-2 carbapenemase-producing Enterobacter cloacae complex in the UK. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 2478-2482 | 5.1 | 18 |
| 280 | Moraxella Species as Potential Sources of MCR-Like Polymyxin Resistance Determinants. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 53 |
| 279 | Transferability of the mcr-1 Colistin Resistance Gene. <i>Microbial Drug Resistance</i> , 2017 , 23, 813-814 | 2.9 | 18 |
| 278 | Screening for fecal carriage of MCR-producing in healthy humans and primary care patients. <i>Antimicrobial Resistance and Infection Control</i> , 2017 , 6, 28 | 6.2 | 37 |
| 277 | Key features of β -bearing plasmids from isolated from humans and food. <i>Antimicrobial Resistance and Infection Control</i> , 2017 , 6, 91 | 6.2 | 44 |
| 276 | High Rate of MCR-1-Producing Escherichia coli and Klebsiella pneumoniae among Pigs, Portugal. <i>Emerging Infectious Diseases</i> , 2017 , 23, 2023-2029 | 10.2 | 56 |
| 275 | Antimicrobial activity of octenidine against multidrug-resistant Gram-negative pathogens. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2017 , 36, 2379-2383 | 5.3 | 29 |
| 274 | High-Level Resistance to Colistin Mediated by Various Mutations in the Gene among Carbapenemase-Producing Klebsiella pneumoniae. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 32 |
| 273 | Increased colistin resistance upon acquisition of the plasmid-mediated mcr-1 gene in Escherichia coli isolates with chromosomally encoded reduced susceptibility to polymyxins. <i>International Journal of Antimicrobial Agents</i> , 2017 , 50, 503-504 | 14.3 | 4 |

| | | | |
|-----|--|------|-----|
| 272 | Plazomicin activity against polymyxin-resistant Enterobacteriaceae, including MCR-1-producing isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 2787-2791 | 5.1 | 31 |
| 271 | MCR-2-mediated plasmid-borne polymyxin resistance most likely originates from <i>Moraxella pluranimalium</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 2947-2949 | 5.1 | 34 |
| 270 | Occurrence of carbapenemase-producing <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> in the European survey of carbapenemase-producing Enterobacteriaceae (EuSCAPE): a prospective, multinational study. <i>Lancet Infectious Diseases</i> , 2017 , 17, 153-163 | 25.5 | 349 |
| 269 | Prevalence of faecal carriage of colistin-resistant Gram-negative rods in a university hospital in western France, 2016. <i>Journal of Medical Microbiology</i> , 2017 , 66, 842-843 | 3.2 | 19 |
| 268 | The Soil Microbiota Harbors a Diversity of Carbapenem-Hydrolyzing β -Lactamases of Potential Clinical Relevance. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 151-60 | 5.9 | 38 |
| 267 | Draft Genome Sequence of <i>Escherichia coli</i> S51, a Chicken Isolate Harboring a Chromosomally Encoded <i>mcr-1</i> Gene. <i>Genome Announcements</i> , 2016 , 4, | | 27 |
| 266 | Very low prevalence of MCR-1/MCR-2 plasmid-mediated colistin resistance in urinary tract Enterobacteriaceae in Switzerland. <i>International Journal of Infectious Diseases</i> , 2016 , 51, 4-5 | 10.5 | 50 |
| 265 | Features of the <i>mcr-1</i> Cassette Related to Colistin Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 6438-9 | 5.9 | 21 |
| 264 | Rapid Detection of Polymyxin-Resistant Enterobacteriaceae from Blood Cultures. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 2273-7 | 9.7 | 21 |
| 263 | Comment on: Resistance gene naming and numbering: is it a new gene or not?. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 2677-8 | 5.1 | 10 |
| 262 | VIM-1, VIM-34, and IMP-8 Carbapenemase-Producing <i>Escherichia coli</i> Strains Recovered from a Portuguese River. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 2585-6 | 5.9 | 21 |
| 261 | Co-occurrence of extended spectrum β -lactamase and MCR-1 encoding genes on plasmids. <i>Lancet Infectious Diseases</i> , 2016 , 16, 281-2 | 25.5 | 145 |
| 260 | Plasmid-mediated carbapenem and colistin resistance in a clinical isolate of <i>Escherichia coli</i> . <i>Lancet Infectious Diseases</i> , 2016 , 16, 281 | 25.5 | 199 |
| 259 | Comparison of Three Biochemical Tests for Rapid Detection of Extended-Spectrum β -Lactamase-Producing Enterobacteriaceae. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 423-7 | 9.7 | 20 |
| 258 | A Universal Culture Medium for Screening Polymyxin-Resistant Gram-Negative Isolates. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 1395-9 | 9.7 | 69 |
| 257 | Occurrence of the Plasmid-Borne <i>mcr-1</i> Colistin Resistance Gene in Extended-Spectrum β -Lactamase-Producing Enterobacteriaceae in River Water and Imported Vegetable Samples in Switzerland. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 2594-5 | 5.9 | 122 |
| 256 | <i>Chromobacterium</i> spp. harbour Ambler class A β -lactamases showing high identity with KPC. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1493-6 | 5.1 | 15 |
| 255 | Concomitant and multiclonal dissemination of OXA-48-producing <i>Klebsiella pneumoniae</i> in a Spanish hospital. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1734-6 | 5.1 | 7 |

| | | | |
|-----|---|------|-----|
| 254 | Acquisition of Broad-Spectrum Cephalosporin Resistance Leading to Colistin Resistance in <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 3199-201 | 5.9 | 25 |
| 253 | Intraspecies Transfer of the Chromosomal <i>Acinetobacter baumannii</i> blaNDM-1 Carbapenemase Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 3032-40 | 5.9 | 49 |
| 252 | Characterisation of OXA-244, a chromosomally-encoded OXA-48-like β lactamase from <i>Escherichia coli</i> . <i>International Journal of Antimicrobial Agents</i> , 2016 , 47, 102-3 | 14.3 | 31 |
| 251 | In vitro evaluation of dual carbapenem combinations against carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 156-61 | 5.1 | 54 |
| 250 | Rapid Detection of Polymyxin Resistance in Enterobacteriaceae. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1038-43 | 10.2 | 118 |
| 249 | National survey of colistin resistance among carbapenemase-producing Enterobacteriaceae and outbreak caused by colistin-resistant OXA-48-producing <i>Klebsiella pneumoniae</i> , France, 2014. <i>Eurosurveillance</i> , 2016 , 21, | 19.8 | 42 |
| 248 | Emergence of plasmid-mediated colistin resistance (MCR-1) among <i>Escherichia coli</i> isolated from South African patients. <i>South African Medical Journal</i> , 2016 , 106, 35-6 | 1.5 | 48 |
| 247 | Emerging plasmid-encoded colistin resistance: the animal world as the culprit?. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 2326-7 | 5.1 | 44 |
| 246 | Plasmid-Mediated Colistin-Resistant <i>Escherichia coli</i> in Bacteremia in Switzerland. <i>Clinical Infectious Diseases</i> , 2016 , 62, 1322-3 | 11.6 | 45 |
| 245 | Real-time PCR for detection of plasmid-mediated polymyxin resistance (mcr-1) from cultured bacteria and stools. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 2318-20 | 5.1 | 64 |
| 244 | Genetic Features of MCR-1-Producing Colistin-Resistant <i>Escherichia coli</i> Isolates in South Africa. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 4394-7 | 5.9 | 107 |
| 243 | Crystal Structure of the <i>Pseudomonas aeruginosa</i> BEL-1 Extended-Spectrum β lactamase and Its Complexes with Moxalactam and Imipenem. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 7189-7199 | 5.9 | 7 |
| 242 | Transposition of Tn125 Encoding the NDM-1 Carbapenemase in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 7245-7251 | 5.9 | 43 |
| 241 | Structure of the catalytic domain of the colistin resistance enzyme MCR-1. <i>BMC Biology</i> , 2016 , 14, 81 | 7.3 | 70 |
| 240 | High Prevalence of Carbapenemase-Producing Enterobacteriaceae among Hospitalized Children in Luanda, Angola. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 6189-92 | 5.9 | 38 |
| 239 | Heterogeneous hydrolytic features for OXA-48-like β lactamases. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1059-63 | 5.1 | 87 |
| 238 | Heteroresistance to colistin in <i>Klebsiella pneumoniae</i> associated with alterations in the PhoPQ regulatory system. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 2780-4 | 5.9 | 111 |
| 237 | Rapidec Carba NP Test for Rapid Detection of Carbapenemase Producers. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 3003-8 | 9.7 | 91 |

| | | | |
|-----|---|------|-----|
| 236 | Dissemination of multiresistant <i>Enterobacter cloacae</i> isolates producing OXA-48 and CTX-M-15 in a Spanish hospital. <i>International Journal of Antimicrobial Agents</i> , 2015 , 46, 469-74 | 14.3 | 30 |
| 235 | Carbapenemase-Producing <i>Klebsiella pneumoniae</i> , a Key Pathogen Set for Global Nosocomial Dominance. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 5873-84 | 5.9 | 441 |
| 234 | Emergence of <i>Escherichia coli</i> producing OXA-48 β -lactamase in the community in Switzerland. <i>Antimicrobial Resistance and Infection Control</i> , 2015 , 4, 9 | 6.2 | 24 |
| 233 | Structural Basis for Different Substrate Profiles of Two Closely Related Class D β -Lactamases and Their Inhibition by Halogens. <i>Biochemistry</i> , 2015 , 54, 3370-80 | 3.2 | 29 |
| 232 | Emerging broad-spectrum resistance in <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> : Mechanisms and epidemiology. <i>International Journal of Antimicrobial Agents</i> , 2015 , 45, 568-85 | 14.3 | 430 |
| 231 | Modulation of <i>mgrB</i> gene expression as a source of colistin resistance in <i>Klebsiella oxytoca</i> . <i>International Journal of Antimicrobial Agents</i> , 2015 , 46, 108-10 | 14.3 | 34 |
| 230 | Characterization of Tn3000, a Transposon Responsible for bla _{NDM-1} Dissemination among Enterobacteriaceae in Brazil, Nepal, Morocco, and India. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 7387-95 | 5.9 | 42 |
| 229 | Genetic and Biochemical Characterization of FRI-1, a Carbapenem-Hydrolyzing Class A β -Lactamase from <i>Enterobacter cloacae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 7420-5 | 5.9 | 33 |
| 228 | Complete Genome Sequence of the Clinical Strain <i>Acinetobacter baumannii</i> R2090 Carrying the Chromosomally Encoded Metallo- β -Lactamase Gene bla _{NDM-1} . <i>Genome Announcements</i> , 2015 , 3, | | 1 |
| 227 | Rapid detection of ESBL-producing Enterobacteriaceae in blood cultures. <i>Emerging Infectious Diseases</i> , 2015 , 21, 504-7 | 10.2 | 25 |
| 226 | Evaluation of the RAPIDEC [®] CARBA NP, the Rapid CARB Screen [®] and the Carba NP test for biochemical detection of carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 3014-22 | 5.1 | 90 |
| 225 | Complete Genome Sequence of <i>Acinetobacter baumannii</i> CIP 70.10, a Susceptible Reference Strain for Comparative Genome Analyses. <i>Genome Announcements</i> , 2015 , 3, | | 9 |
| 224 | The <i>mgrB</i> gene as a key target for acquired resistance to colistin in <i>Klebsiella pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 75-80 | 5.1 | 193 |
| 223 | Integration of the bla _{NDM-1} carbapenemase gene into <i>Proteus</i> genomic island 1 (PGI1-PmPEL) in a <i>Proteus mirabilis</i> clinical isolate. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 98-102 | 5.1 | 45 |
| 222 | NDM-Type Carbapenemases in Gram-Negative Rods 2015 , 897-913 | | 0 |
| 221 | About the usefulness of contact precautions for carriers of extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> . <i>BMC Infectious Diseases</i> , 2015 , 15, 512 | 4 | 31 |
| 220 | <i>Acinetobacter variabilis</i> sp. nov. (formerly DNA group 15 sensu Tjernberg & Ursing), isolated from humans and animals. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 857-863 | 2.2 | 23 |
| 219 | Emergence of New Sequence Type OXA-48 Carbapenemase-Producing Enterobacteriaceae in Kuwait. <i>Microbial Drug Resistance</i> , 2015 , 21, 329-34 | 2.9 | 24 |

| | | | |
|-----|--|------|-----|
| 218 | Clonal distribution of multidrug-resistant <i>Enterobacter cloacae</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2015 , 81, 264-8 | 2.9 | 24 |
| 217 | Emergence of NDM-1-producing <i>Acinetobacter pittii</i> in Brazil. <i>International Journal of Antimicrobial Agents</i> , 2015 , 45, 444-5 | 14.3 | 28 |
| 216 | In vitro prediction of the evolution of GES-1 β -lactamase hydrolytic activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 1664-70 | 5.9 | 14 |
| 215 | Emergence of colistin resistance in <i>Klebsiella pneumoniae</i> from veterinary medicine. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1265-7 | 5.1 | 16 |
| 214 | Crystal Structure of DIM-1, an Acquired Subclass B1 Metallo- β -Lactamase from <i>Pseudomonas stutzeri</i> . <i>PLoS ONE</i> , 2015 , 10, e0140059 | 3.7 | 3 |
| 213 | GES-type and OXA-23 carbapenemase-producing <i>Acinetobacter baumannii</i> in Turkey. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 1145-6 | 5.1 | 14 |
| 212 | Strategy for rapid detection of carbapenemase-producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 2441-5 | 5.9 | 62 |
| 211 | Outbreak caused by NDM-1- and RmtB-producing <i>Escherichia coli</i> in Bulgaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 2472-4 | 5.9 | 35 |
| 210 | Impact of the isolation medium for detection of carbapenemase-producing Enterobacteriaceae using an updated version of the Carba NP test. <i>Journal of Medical Microbiology</i> , 2014 , 63, 772-776 | 3.2 | 95 |
| 209 | Further proofs of concept for the Carba NP test. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 1269 | 5.9 | 21 |
| 208 | Emergence of OXA-72-producing <i>Acinetobacter pittii</i> clinical isolates. <i>International Journal of Antimicrobial Agents</i> , 2014 , 43, 195-6 | 14.3 | 7 |
| 207 | Temocillin and piperacillin/tazobactam resistance by disc diffusion as antimicrobial surrogate markers for the detection of carbapenemase-producing Enterobacteriaceae in geographical areas with a high prevalence of OXA-48 producers. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 445-50 | 5.1 | 68 |
| 206 | New Delhi metallo- β -lactamase-producing <i>Acinetobacter baumannii</i> : a novel paradigm for spreading antibiotic resistance genes. <i>Future Microbiology</i> , 2014 , 9, 33-41 | 2.9 | 41 |
| 205 | Carbapenem resistance in a human clinical isolate identified to be closely related to <i>Acinetobacter indicus</i> . <i>International Journal of Antimicrobial Agents</i> , 2014 , 44, 345-50 | 14.3 | 4 |
| 204 | Rapid detection of extended-spectrum- β -lactamase-producing enterobacteriaceae from urine samples by use of the ESBL NDP test. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 3701-6 | 9.7 | 27 |
| 203 | Multidrug-resistant <i>Acinetobacter baumannii</i> strains carrying the bla(OxA-23) and the bla(GES-11) genes in a neonatology center in Tunisia. <i>Microbial Pathogenesis</i> , 2014 , 74, 20-4 | 3.8 | 25 |
| 202 | Spread of NDM-1-producing Enterobacteriaceae in a neonatal intensive care unit in Istanbul, Turkey. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 2929-33 | 5.9 | 45 |
| 201 | Resistance to colistin associated with a single amino acid change in protein PmrB among <i>Klebsiella pneumoniae</i> isolates of worldwide origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 4762-6 | 5.9 | 142 |

| | | | |
|-----|---|------|------|
| 200 | Characteristics of Escherichia coli sequence type 131 isolates that produce extended-spectrum β -lactamases: global distribution of the H30-Rx sublineage. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 3762-7 | 5.9 | 60 |
| 199 | CarbAcineto NP test for rapid detection of carbapenemase-producing Acinetobacter spp. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 2359-64 | 9.7 | 102 |
| 198 | IncH-type plasmid harboring bla CTX-M-15, bla DHA-1, and qnrB4 genes recovered from animal isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 3768-73 | 5.9 | 18 |
| 197 | 347Antimicrobial Susceptibility of OXA-48, NDM-1 And VIM-4 Carbapenemase-producing Clinical Isolates of Enterobacteriaceae From Kuwait Government Hospitals. <i>Open Forum Infectious Diseases</i> , 2014 , 1, S138-S138 | 1 | 78 |
| 196 | Bloodstream infections caused by Pseudomonas spp.: how to detect carbapenemase producers directly from blood cultures. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 1269-73 | 9.7 | 10 |
| 195 | The carbapenemase threat in the animal world: the wrong culprit. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 2007-8 | 5.1 | 27 |
| 194 | Worldwide dissemination of the NDM-type carbapenemases in Gram-negative bacteria. <i>BioMed Research International</i> , 2014 , 2014, 249856 | 3 | 284 |
| 193 | Emergence of the 16S rRNA methylase RmtG in an extended-spectrum- β -lactamase-producing and colistin-resistant Klebsiella pneumoniae isolate in Chile. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 618-9 | 5.9 | 17 |
| 192 | Infections Due to NDM-1 Producers 2014 , 273-293 | | |
| 191 | Derepressed transfer properties leading to the efficient spread of the plasmid encoding carbapenemase OXA-48. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 467-71 | 5.9 | 80 |
| 190 | Clinical epidemiology of the global expansion of Klebsiella pneumoniae carbapenemases. <i>Lancet Infectious Diseases</i> , 2013 , 13, 785-96 | 25.5 | 1030 |
| 189 | Comparison of the SUPERCARBA, CHROMagar KPC, and Brilliance CRE screening media for detection of Enterobacteriaceae with reduced susceptibility to carbapenems. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013 , 75, 214-7 | 2.9 | 61 |
| 188 | Genetic and biochemical characterisation of OXA-232, a carbapenem-hydrolysing class D β -lactamase from Enterobacteriaceae. <i>International Journal of Antimicrobial Agents</i> , 2013 , 41, 325-9 | 14.3 | 99 |
| 187 | Complete sequence of the IncT-type plasmid pT-OXA-181 carrying the blaOXA-181 carbapenemase gene from Citrobacter freundii. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 1965-7 | 5.9 | 41 |
| 186 | Screening and deciphering antibiotic resistance in Acinetobacter baumannii: a state of the art. <i>Expert Review of Anti-Infective Therapy</i> , 2013 , 11, 571-83 | 5.5 | 71 |
| 185 | High prevalence of VIM-4 and NDM-1 metallo- β -lactamase among carbapenem-resistant Enterobacteriaceae. <i>Journal of Medical Microbiology</i> , 2013 , 62, 1239-1244 | 3.2 | 36 |
| 184 | Occurrence of OXA-48 and VIM-1 carbapenemase-producing Enterobacteriaceae in Egypt. <i>International Journal of Antimicrobial Agents</i> , 2013 , 41, 90-1 | 14.3 | 33 |
| 183 | Strategies for identification of carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 487-9 | 5.1 | 118 |

| | | | |
|-----|--|------|-----|
| 182 | Wide dissemination of GES-type carbapenemases in <i>Acinetobacter baumannii</i> isolates in Kuwait. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 183-8 | 5.9 | 61 |
| 181 | Emergence of OXA-48 and OXA-181 carbapenemases among Enterobacteriaceae in South Africa and evidence of in vivo selection of colistin resistance as a consequence of selective decontamination of the gastrointestinal tract. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 369-72 | 9.7 | 75 |
| 180 | Eighteen years of experience with <i>Acinetobacter baumannii</i> in a tertiary care hospital. <i>Critical Care Medicine</i> , 2013 , 41, 2733-42 | 1.4 | 47 |
| 179 | Extended-spectrum β -lactamase CTX-M-15-producing <i>Klebsiella pneumoniae</i> of sequence type ST274 in companion animals. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 2372-5 | 5.9 | 32 |
| 178 | Characterization of OXA-204, a carbapenem-hydrolyzing class D β -lactamase from <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 633-6 | 5.9 | 34 |
| 177 | Complete sequencing of an IncHI1 plasmid encoding the carbapenemase NDM-1, the ArmA 16S RNA methylase and a resistance-nodulation-cell division/multidrug efflux pump. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 34-9 | 5.1 | 103 |
| 176 | Public health risks of enterobacterial isolates producing extended-spectrum β -lactamases or AmpC β -lactamases in food and food-producing animals: an EU perspective of epidemiology, analytical methods, risk factors, and control options. <i>Clinical Infectious Diseases</i> , 2013 , 56, 1030-7 | 11.6 | 188 |
| 175 | Comparative genomics of IncL/M-type plasmids: evolution by acquisition of resistance genes and insertion sequences. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 674-6 | 5.9 | 43 |
| 174 | Multidrug-resistant <i>Acinetobacter baumannii</i> clone, France. <i>Emerging Infectious Diseases</i> , 2013 , 19, 822-3 | 10.2 | 33 |
| 173 | Genetic support and diversity of acquired extended-spectrum β -lactamases in Gram-negative rods. <i>Infection, Genetics and Evolution</i> , 2012 , 12, 883-93 | 4.5 | 98 |
| 172 | Rapid detection of extended-spectrum- β -lactamase-producing Enterobacteriaceae. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 3016-22 | 9.7 | 87 |
| 171 | Emergence of an autochthonous and community-acquired NDM-1-producing <i>Klebsiella pneumoniae</i> in Europe. <i>Clinical Infectious Diseases</i> , 2012 , 54, 150-1 | 11.6 | 44 |
| 170 | Complete sequence of broad-host-range plasmid pRIO-5 harboring the extended-spectrum- β -lactamase gene blaBES-1. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1116-9 | 5.9 | 8 |
| 169 | Rapid identification of carbapenemase types in Enterobacteriaceae and <i>Pseudomonas</i> spp. by using a biochemical test. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 6437-40 | 5.9 | 179 |
| 168 | Detection of carbapenemase producers in Enterobacteriaceae by use of a novel screening medium. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 2761-6 | 9.7 | 90 |
| 167 | Broad-spectrum β -lactam antibiotics for treating experimental peritonitis in mice due to <i>Klebsiella pneumoniae</i> producing the carbapenemase OXA-48. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2759-60 | 5.9 | 30 |
| 166 | Complete sequencing of an IncH plasmid carrying the blaNDM-1, blaCTX-M-15 and qnrB1 genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 1645-50 | 5.1 | 101 |
| 165 | Rapid detection of carbapenemase-producing <i>Pseudomonas</i> spp. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 3773-6 | 9.7 | 109 |

| | | | |
|-----|--|------|-----|
| 164 | Genetic features of the widespread plasmid coding for the carbapenemase OXA-48. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 559-62 | 5.9 | 266 |
| 163 | Carbapenem resistance in Enterobacteriaceae: here is the storm!. <i>Trends in Molecular Medicine</i> , 2012 , 18, 263-72 | 11.5 | 599 |
| 162 | Efficacies of colistin and tigecycline in mice with experimental pneumonia due to NDM-1-producing strains of <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> . <i>International Journal of Antimicrobial Agents</i> , 2012 , 39, 251-4 | 14.3 | 40 |
| 161 | A novel and hybrid composite transposon at the origin of acquisition of bla(RTG-5) in <i>Acinetobacter baumannii</i> . <i>International Journal of Antimicrobial Agents</i> , 2012 , 40, 257-9 | 14.3 | 11 |
| 160 | Spectrophotometry-based detection of carbapenemase producers among Enterobacteriaceae. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012 , 74, 88-90 | 2.9 | 68 |
| 159 | Characterization of an IncFII plasmid encoding NDM-1 from <i>Escherichia coli</i> ST131. <i>PLoS ONE</i> , 2012 , 7, e34752 | 3.7 | 95 |
| 158 | Rapid detection of carbapenemase-producing Enterobacteriaceae. <i>Emerging Infectious Diseases</i> , 2012 , 18, 1503-7 | 10.2 | 547 |
| 157 | Phenotypic, biochemical, and molecular techniques for detection of metallo- β -lactamase NDM in <i>Acinetobacter baumannii</i> . <i>Journal of Clinical Microbiology</i> , 2012 , 50, 1419-21 | 9.7 | 55 |
| 156 | Characterization of a multidrug-resistant <i>Acinetobacter baumannii</i> strain carrying the blaNDM-1 and blaOXA-23 carbapenemase genes from the Czech Republic. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 1550-2 | 5.1 | 22 |
| 155 | OXA-48-like carbapenemases: the phantom menace. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 1597-606 | 5.1 | 578 |
| 154 | Carbapenem-hydrolyzing GES-5-encoding gene on different plasmid types recovered from a bacterial community in a sewage treatment plant. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 1292-5 | 4.8 | 26 |
| 153 | NDM-1-producing <i>Klebsiella pneumoniae</i> now in Turkey. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2784-5 | 5.9 | 38 |
| 152 | Importation of OXA-48-producing <i>Klebsiella pneumoniae</i> from Kuwait. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 2051-2 | 5.1 | 19 |
| 151 | IMP-29, a novel IMP-type metallo- β -lactamase in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2187-90 | 5.9 | 15 |
| 150 | Wild coastline birds as reservoirs of broad-spectrum- β -lactamase-producing Enterobacteriaceae in Miami Beach, Florida. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2756-8 | 5.9 | 51 |
| 149 | Value of the modified Hodge test for detection of emerging carbapenemases in Enterobacteriaceae. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 477-9 | 9.7 | 176 |
| 148 | Evolution of IncA/C blaCMY- β -carrying plasmids by acquisition of the blaNDM-1 carbapenemase gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 783-6 | 5.9 | 106 |
| 147 | Association of the emerging carbapenemase NDM-1 with a bleomycin resistance protein in Enterobacteriaceae and <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1693-7 | 5.9 | 79 |

| | | | |
|-----|---|------|------|
| 146 | Tn125-related acquisition of blaNDM-like genes in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1087-9 | 5.9 | 133 |
| 145 | NDM-4 metallo-β-lactamase with increased carbapenemase activity from <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2184-6 | 5.9 | 113 |
| 144 | Non-ST131 <i>Escherichia coli</i> from cattle harbouring human-like bla(CTX-M-15)-carrying plasmids. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 578-81 | 5.1 | 50 |
| 143 | Emergence of OXA-48-type carbapenemase-producing Enterobacteriaceae in German hospitals. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2125-8 | 5.9 | 64 |
| 142 | Role of common blaOXA-24/OXA-40-carrying platforms and plasmids in the spread of OXA-24/OXA-40 among <i>Acinetobacter</i> species clinical isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 3969-72 | 5.9 | 41 |
| 141 | Environmental KPC-producing <i>Escherichia coli</i> isolates in Portugal. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1662-3 | 5.9 | 49 |
| 140 | Emergence of New Delhi metallo-beta-lactamase (NDM-1) and <i>Klebsiella pneumoniae</i> carbapenemase (KPC-2) in South Africa. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 525-7 | 9.7 | 72 |
| 139 | Diversity of naturally occurring Ambler class B metallo-β-lactamases in <i>Erythrobacter</i> spp. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 2661-4 | 5.1 | 14 |
| 138 | AbaR-type transposon structures in <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 234-6 | 5.1 | 28 |
| 137 | Genetic features of CTX-M-15-producing <i>Acinetobacter baumannii</i> from Haiti. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 5946-8 | 5.9 | 26 |
| 136 | Molecular analysis of NDM-1-producing enterobacterial isolates from Geneva, Switzerland. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1730-3 | 5.1 | 71 |
| 135 | Multiplex PCR for detection of acquired carbapenemase genes. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011 , 70, 119-23 | 2.9 | 1059 |
| 134 | Updated multiplex polymerase chain reaction for detection of 16S rRNA methylases: high prevalence among NDM-1 producers. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011 , 71, 442-5 | 2.9 | 81 |
| 133 | Global spread of Carbapenemase-producing Enterobacteriaceae. <i>Emerging Infectious Diseases</i> , 2011 , 17, 1791-8 | 10.2 | 1568 |
| 132 | The emerging NDM carbapenemases. <i>Trends in Microbiology</i> , 2011 , 19, 588-95 | 12.4 | 450 |
| 131 | International transfer of NDM-1-producing <i>Klebsiella pneumoniae</i> from Iraq to France. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 1821-2 | 5.9 | 54 |
| 130 | Plasmid-mediated transfer of the bla(NDM-1) gene in Gram-negative rods. <i>FEMS Microbiology Letters</i> , 2011 , 324, 111-6 | 2.9 | 52 |
| 129 | Carbapenem-hydrolyzing GES-type extended-spectrum beta-lactamase in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 349-54 | 5.9 | 87 |

| | | | |
|-----|---|-----|-----|
| 128 | NDM-2 carbapenemase in <i>Acinetobacter baumannii</i> from Egypt. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1260-2 | 5.1 | 164 |
| 127 | Genetic basis of antibiotic resistance in pathogenic <i>Acinetobacter</i> species. <i>IUBMB Life</i> , 2011 , 63, 1061-7 | 4.7 | 96 |
| 126 | Does broad-spectrum beta-lactam resistance due to NDM-1 herald the end of the antibiotic era for treatment of infections caused by Gram-negative bacteria?. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 689-92 | 5.1 | 218 |
| 125 | NDM-1-producing <i>Klebsiella pneumoniae</i> isolated in the Sultanate of Oman. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 304-6 | 5.1 | 106 |
| 124 | PER-7, an extended-spectrum beta-lactamase with increased activity toward broad-spectrum cephalosporins in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 2424-7 | 5.9 | 45 |
| 123 | Genetic features of blaNDM-1-positive Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 5403-7 | 5.9 | 301 |
| 122 | Extremely drug-resistant <i>Citrobacter freundii</i> isolate producing NDM-1 and other carbapenemases identified in a patient returning from India. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 447-8 | 5.9 | 104 |
| 121 | Origin of OXA-181, an emerging carbapenem-hydrolyzing oxacillinase, as a chromosomal gene in <i>Shewanella xiamenensis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 4405-7 | 5.9 | 80 |
| 120 | OXA-163, an OXA-48-related class D beta-lactamase with extended activity toward expanded-spectrum cephalosporins. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 2546-51 | 5.9 | 110 |
| 119 | Detection of NDM-1-producing <i>Klebsiella pneumoniae</i> in Kenya. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 934-6 | 5.9 | 165 |
| 118 | Emergence of OXA-48-producing <i>Escherichia coli</i> clone ST38 in France. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 4937-8 | 5.9 | 43 |
| 117 | How to detect NDM-1 producers. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 718-21 | 9.7 | 235 |
| 116 | Long-term carriage of NDM-1-producing <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2185-6 | 5.1 | 29 |
| 115 | Occurrence of the carbapenem-hydrolyzing beta-lactamase gene blaOXA-48 in the environment in Morocco. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 5413-4 | 5.9 | 40 |
| 114 | Characterization of OXA-181, a carbapenem-hydrolyzing class D beta-lactamase from <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 4896-9 | 5.9 | 131 |
| 113 | In vitro evaluation of antibiotic synergy for NDM-1-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2295-7 | 5.1 | 46 |
| 112 | NDM-1-producing <i>Escherichia coli</i> in Germany. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 1318-9 | 5.9 | 55 |
| 111 | Analysis of the resistome of a multidrug-resistant NDM-1-producing <i>Escherichia coli</i> strain by high-throughput genome sequencing. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 4224-9 | 5.9 | 111 |

| | | | |
|-----|---|------|-----|
| 110 | Emergence of NDM-1-producing <i>Klebsiella pneumoniae</i> in Morocco. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2781-3 | 5.1 | 78 |
| 109 | PER-6, an extended-spectrum beta-lactamase from <i>Aeromonas allosaccharophila</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 1619-22 | 5.9 | 20 |
| 108 | Characterization and PCR-based replicon typing of resistance plasmids in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 4168-77 | 5.9 | 157 |
| 107 | Spread of OXA-48-encoding plasmid in Turkey and beyond. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 1369-73 | 5.9 | 208 |
| 106 | Emergence of KPC-producing <i>Pseudomonas aeruginosa</i> in the United States. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 3072 | 5.9 | 69 |
| 105 | Extended-spectrum cephalosporinase in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 3484-8 | 5.9 | 55 |
| 104 | European clinical isolate of <i>Proteus mirabilis</i> harbouring the <i>Salmonella</i> genomic island 1 variant SGI1-O. <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 2260-2 | 5.1 | 23 |
| 103 | Characterization of DIM-1, an integron-encoded metallo-beta-lactamase from a <i>Pseudomonas stutzeri</i> clinical isolate in the Netherlands. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2420-4 | 5.9 | 63 |
| 102 | BEL-2, an extended-spectrum beta-lactamase with increased activity toward expanded-spectrum cephalosporins in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 533-5 | 5.9 | 18 |
| 101 | Diversity, epidemiology, and genetics of class D beta-lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 24-38 | 5.9 | 434 |
| 100 | Emergence of metallo-beta-lactamase NDM-1-producing multidrug-resistant <i>Escherichia coli</i> in Australia. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 4914-6 | 5.9 | 207 |
| 99 | Global spread of New Delhi metallo-beta-lactamase 1. <i>Lancet Infectious Diseases</i> , 2010 , 10, 832 | 25.5 | 98 |
| 98 | Worldwide dissemination of the blaOXA-23 carbapenemase gene of <i>Acinetobacter baumannii</i> . <i>Emerging Infectious Diseases</i> , 2010 , 16, 35-40 | 10.2 | 305 |
| 97 | Novel ambler class A carbapenem-hydrolyzing beta-lactamase from a <i>Pseudomonas fluorescens</i> isolate from the Seine River, Paris, France. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 328-32 | 5.9 | 51 |
| 96 | Seagulls and beaches as reservoirs for multidrug-resistant <i>Escherichia coli</i> . <i>Emerging Infectious Diseases</i> , 2010 , 16, 110-2 | 10.2 | 89 |
| 95 | Emergence of SHV-2a extended-spectrum beta-lactamases in clinical isolates of <i>Pseudomonas aeruginosa</i> in a university hospital in Tunisia. <i>Microbial Drug Resistance</i> , 2009 , 15, 295-301 | 2.9 | 17 |
| 94 | Integron mobilization unit as a source of mobility of antibiotic resistance genes. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2492-8 | 5.9 | 62 |
| 93 | OXA-143, a novel carbapenem-hydrolyzing class D beta-lactamase in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 5035-8 | 5.9 | 174 |

| | | | |
|----|--|-----|-----|
| 92 | CTX-M expression and selection of ertapenem resistance in <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 832-4 | 5.9 | 47 |
| 91 | Molecular epidemiology and mechanisms of carbapenem resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4783-8 | 5.9 | 212 |
| 90 | Functional analysis of insertion sequence ISAb ₁ , responsible for genomic plasticity of <i>Acinetobacter baumannii</i> . <i>Journal of Bacteriology</i> , 2009 , 191, 2414-8 | 3.5 | 110 |
| 89 | Extended-spectrum cephalosporinases in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 1766-71 | 5.9 | 121 |
| 88 | Genetic and biochemical characterization of the first extended-spectrum CARB-type beta-lactamase, RTG-4, from <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 3010-6 | 5.9 | 34 |
| 87 | In vivo selection of reduced susceptibility to carbapenems in <i>Acinetobacter baumannii</i> related to ISAb ₁ -mediated overexpression of the natural bla(OXA-66) oxacillinase gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2657-9 | 5.9 | 64 |
| 86 | ISCR2, another vehicle for bla(VEB) gene acquisition. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4940-3 | 5.9 | 27 |
| 85 | Further identification of CTX-M-2 extended-spectrum beta-lactamase in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2225-6 | 5.9 | 24 |
| 84 | Diversity of beta-lactamases produced by ceftazidime-resistant <i>Pseudomonas aeruginosa</i> isolates causing bloodstream infections in Brazil. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 3908-13 | 5.9 | 83 |
| 83 | Overexpression of the naturally occurring blaOXA-51 gene in <i>Acinetobacter baumannii</i> mediated by novel insertion sequence ISAb ₉ . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4045-7 | 5.9 | 48 |
| 82 | Metallo-beta-lactamase-producing <i>Pseudomonas aeruginosa</i> isolates in Tunisia. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009 , 64, 458-61 | 2.9 | 31 |
| 81 | Carbapenem-resistant <i>Acinetobacter baumannii</i> isolates from Tunisia producing the OXA-58-like carbapenem-hydrolyzing oxacillinase OXA-97. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 1613-7 | 5.9 | 40 |
| 80 | Dissemination of OXA-23-producing and carbapenem-resistant <i>Acinetobacter baumannii</i> in a University Hospital in Tunisia. <i>Microbial Drug Resistance</i> , 2008 , 14, 289-92 | 2.9 | 24 |
| 79 | <i>Acinetobacter radioresistens</i> as a silent source of carbapenem resistance for <i>Acinetobacter</i> spp. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 1252-6 | 5.9 | 144 |
| 78 | Spread of OXA-48-positive carbapenem-resistant <i>Klebsiella pneumoniae</i> isolates in Istanbul, Turkey. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2950-4 | 5.9 | 153 |
| 77 | ISEcp1-mediated transposition of qnrB-like gene in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 2929-32 | 5.9 | 56 |
| 76 | Do CTX-M beta-lactamases hydrolyse ertapenem?. <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 62, 1155-6 | 5.9 | 20 |
| 75 | Plasmid-mediated 16S rRNA methylases among extended-spectrum beta-lactamase-producing Enterobacteriaceae isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 4526-7 | 5.9 | 43 |

| | | | |
|----|--|------|-----|
| 74 | Plasmid-mediated quinolone resistance determinants among enterobacterial isolates from outpatients in Brazil. <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 62, 474-8 | 5.1 | 75 |
| 73 | Unexpected occurrence of plasmid-mediated quinolone resistance determinants in environmental <i>Aeromonas</i> spp. <i>Emerging Infectious Diseases</i> , 2008 , 14, 231-7 | 10.2 | 176 |
| 72 | Dissemination of clonally related <i>Escherichia coli</i> strains expressing extended-spectrum beta-lactamase CTX-M-15. <i>Emerging Infectious Diseases</i> , 2008 , 14, 195-200 | 10.2 | 572 |
| 71 | Comparative analysis of <i>Acinetobacters</i> : three genomes for three lifestyles. <i>PLoS ONE</i> , 2008 , 3, e1805 | 3.7 | 246 |
| 70 | Expanded-spectrum beta-lactamase PER-1 in an environmental <i>Aeromonas media</i> isolate from Switzerland. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 3461-2 | 5.9 | 18 |
| 69 | Beta-lactam induction of ISEcp1B-mediated mobilization of the naturally occurring bla(CTX-M) beta-lactamase gene of <i>Kluyvera ascorbata</i> . <i>FEMS Microbiology Letters</i> , 2008 , 288, 247-9 | 2.9 | 20 |
| 68 | Identification of PER-1 extended-spectrum beta-lactamase producing <i>Pseudomonas aeruginosa</i> clinical isolates of the international clonal complex CC11 from Hungary and Serbia. <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 54, 330-8 | | 48 |
| 67 | Multiplex PCR for detection of plasmid-mediated quinolone resistance qnr genes in ESBL-producing enterobacterial isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2007 , 60, 394-7 | 5.1 | 448 |
| 66 | Genetics and expression of the carbapenem-hydrolyzing oxacillinase gene blaOXA-23 in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 1530-3 | 5.9 | 159 |
| 65 | Metallo-beta-lactamases as emerging resistance determinants in Gram-negative pathogens: open issues. <i>International Journal of Antimicrobial Agents</i> , 2007 , 29, 380-8 | 14.3 | 121 |
| 64 | Carbapenemases: molecular diversity and clinical consequences. <i>Future Microbiology</i> , 2007 , 2, 501-12 | 2.9 | 221 |
| 63 | Ertapenem resistance of <i>Escherichia coli</i> . <i>Emerging Infectious Diseases</i> , 2007 , 13, 315-7 | 10.2 | 70 |
| 62 | Expanded-spectrum beta-lactamase and plasmid-mediated quinolone resistance. <i>Emerging Infectious Diseases</i> , 2007 , 13, 803-5 | 10.2 | 36 |
| 61 | Identification of the novel narrow-spectrum beta-lactamase SCO-1 in <i>Acinetobacter</i> spp. from Argentina. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2179-84 | 5.9 | 37 |
| 60 | Multicopy blaOXA-58 gene as a source of high-level resistance to carbapenems in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2324-8 | 5.9 | 79 |
| 59 | Extended-spectrum beta-lactamases of the CTX-M type now in Switzerland. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2855-60 | 5.9 | 58 |
| 58 | Extended-spectrum beta-lactamase CTX-M-1 in <i>Escherichia coli</i> isolates from healthy poultry in France. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 4681-5 | 4.8 | 120 |
| 57 | SME-2-producing <i>Serratia marcescens</i> isolate from Switzerland. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2282-3 | 5.9 | 19 |

| | | | |
|----|--|------|------|
| 56 | Superbugs in the coming new decade; multidrug resistance and prospects for treatment of <i>Staphylococcus aureus</i> , <i>Enterococcus</i> spp. and <i>Pseudomonas aeruginosa</i> in 2010. <i>Current Opinion in Microbiology</i> , 2007 , 10, 436-40 | 7.9 | 172 |
| 55 | CTX-M: changing the face of ESBLs in Europe. <i>Journal of Antimicrobial Chemotherapy</i> , 2007 , 59, 165-74 | 5.1 | 622 |
| 54 | Pyrosequencing as a rapid tool for identification of GES-type extended-spectrum beta-lactamases. <i>Journal of Clinical Microbiology</i> , 2006 , 44, 3008-11 | 9.7 | 15 |
| 53 | In vitro analysis of ISEcp1B-mediated mobilization of naturally occurring beta-lactamase gene blaCTX-M of <i>Kluyvera ascorbata</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 1282-6 | 5.9 | 118 |
| 52 | Functional characterization of IS1999, an IS4 family element involved in mobilization and expression of beta-lactam resistance genes. <i>Journal of Bacteriology</i> , 2006 , 188, 6506-14 | 3.5 | 94 |
| 51 | Comparative genomics of multidrug resistance in <i>Acinetobacter baumannii</i> . <i>PLoS Genetics</i> , 2006 , 2, e7 | 6 | 553 |
| 50 | In vivo selection of fluoroquinolone-resistant <i>Escherichia coli</i> isolates expressing plasmid-mediated quinolone resistance and expanded-spectrum beta-lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 1525-7 | 5.9 | 76 |
| 49 | Common region CR1 for expression of antibiotic resistance genes. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 2544-6 | 5.9 | 35 |
| 48 | Emergence of Enterobacteriaceae producing extended-spectrum beta-lactamases (ESBLs) in the community. <i>Journal of Antimicrobial Chemotherapy</i> , 2005 , 56, 52-9 | 5.1 | 524 |
| 47 | Carbapenemase-producing Enterobacteriaceae, U.S. rivers. <i>Emerging Infectious Diseases</i> , 2005 , 11, 260-4 | 10.2 | 110 |
| 46 | OXA-58, a novel class D {beta}-lactamase involved in resistance to carbapenems in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 202-8 | 5.9 | 205 |
| 45 | Metallo-beta-lactamases: the quiet before the storm?. <i>Clinical Microbiology Reviews</i> , 2005 , 18, 306-25 | 34 | 1102 |
| 44 | BEL-1, a novel clavulanic acid-inhibited extended-spectrum beta-lactamase, and the class 1 integron In120 in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 3743-8 | 5.9 | 64 |
| 43 | 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 |
| 42 | Genetic environment and expression of the extended-spectrum beta-lactamase blaPER-1 gene in gram-negative bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 1708-13 | 5.9 | 103 |
| 41 | Integron-encoded GES-type extended-spectrum beta-lactamase with increased activity toward aztreonam in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 3593-7 | 5.9 | 51 |
| 40 | ISEcp1B-mediated transposition of blaCTX-M in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 447-50 | 5.9 | 180 |
| 39 | Origin of plasmid-mediated quinolone resistance determinant QnrA. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 3523-5 | 5.9 | 270 |

| | | | |
|----|---|-----|-----|
| 38 | Characterization of the naturally occurring oxacillinase of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 4174-9 | 5.9 | 229 |
| 37 | A nosocomial outbreak of <i>Acinetobacter baumannii</i> isolates expressing the carbapenem-hydrolyzing oxacillinase OXA-58. <i>Journal of Antimicrobial Chemotherapy</i> , 2005 , 55, 115-8 | 5.1 | 92 |
| 36 | Contribution of acquired carbapenem-hydrolyzing oxacillinases to carbapenem resistance in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 3198-202 | 5.9 | 211 |
| 35 | SHV-49, a novel inhibitor-resistant beta-lactamase in a clinical isolate of <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 4466-9 | 5.9 | 27 |
| 34 | Emergence of oxacillinase-mediated resistance to imipenem in <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 15-22 | 5.9 | 672 |
| 33 | Chromosome-encoded ambler class D beta-lactamase of <i>Shewanella oneidensis</i> as a progenitor of carbapenem-hydrolyzing oxacillinase. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 348-51 | 5.9 | 122 |
| 32 | Nosocomial outbreak of extended-spectrum beta-lactamase SHV-5-producing isolates of <i>Pseudomonas aeruginosa</i> in Athens, Greece. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 2277-9 | 5.9 | 31 |
| 31 | In vivo acquisition of high-level resistance to imipenem in <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2004 , 42, 3831-3 | 9.7 | 76 |
| 30 | Molecular analysis of metallo-beta-lactamase gene bla(SPM-1)-surrounding sequences from disseminated <i>Pseudomonas aeruginosa</i> isolates in Recife, Brazil. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 1406-9 | 5.9 | 78 |
| 29 | Diversity of genetic environment of blaCTX-M genes. <i>FEMS Microbiology Letters</i> , 2004 , 234, 201-207 | 2.9 | 96 |
| 28 | Diversity of genetic environment of bla(CTX-M) genes. <i>FEMS Microbiology Letters</i> , 2004 , 234, 201-7 | 2.9 | 48 |
| 27 | Genetic and functional analysis of the chromosome-encoded carbapenem-hydrolyzing oxacillinase OXA-40 of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 268-73 | 5.9 | 114 |
| 26 | Chromosomal integration of a cephalosporinase gene from <i>Acinetobacter baumannii</i> into <i>Oligella urethralis</i> as a source of acquired resistance to beta-lactams. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 1536-42 | 5.9 | 57 |
| 25 | Ambler class A extended-spectrum beta-lactamases in <i>Pseudomonas aeruginosa</i> : novel developments and clinical impact. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 2385-92 | 5.9 | 157 |
| 24 | Outbreak of extended-spectrum beta-lactamase VEB-1-producing isolates of <i>Acinetobacter baumannii</i> in a French hospital. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 3542-7 | 9.7 | 193 |
| 23 | Emergence in <i>Klebsiella pneumoniae</i> of a chromosome-encoded SHV beta-lactamase that compromises the efficacy of imipenem. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 755-8 | 5.9 | 52 |
| 22 | Insertion sequence ISEcp1B is involved in expression and mobilization of a bla(CTX-M) beta-lactamase gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 2938-45 | 5.9 | 269 |
| 21 | Molecular characterization of a novel class 1 integron containing bla(GES-1) and a fused product of aac3-Ib/aac6P1bP gene cassettes in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 638-45 | 5.9 | 114 |

| | | | |
|----|---|------|-----|
| 20 | Integron-located oxa-32 gene cassette encoding an extended-spectrum variant of OXA-2 beta-lactamase from <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 566-9 | 5.9 | 37 |
| 19 | Nosocomial spread of the integron-located veb-1-like cassette encoding an extended-spectrum beta-lactamase in <i>Pseudomonas aeruginosa</i> in Thailand. <i>Clinical Infectious Diseases</i> , 2002 , 34, 603-11 | 11.6 | 86 |
| 18 | Chromosome-encoded Ambler class A beta-lactamase of <i>Kluyvera georgiana</i> , a probable progenitor of a subgroup of CTX-M extended-spectrum beta-lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 4038-40 | 5.9 | 199 |
| 17 | Biochemical analysis of the ceftazidime-hydrolysing extended-spectrum beta-lactamase CTX-M-15 and of its structurally related beta-lactamase CTX-M-3. <i>Journal of Antimicrobial Chemotherapy</i> , 2002 , 50, 1031-4 | 5.1 | 192 |
| 16 | A nosocomial outbreak of <i>Pseudomonas aeruginosa</i> isolates expressing the extended-spectrum beta-lactamase GES-2 in South Africa. <i>Journal of Antimicrobial Chemotherapy</i> , 2002 , 49, 561-5 | 5.1 | 67 |
| 15 | Plasmid-mediated extended-spectrum beta-lactamase (CTX-M-3 like) from India and gene association with insertion sequence ISEcp1. <i>FEMS Microbiology Letters</i> , 2001 , 201, 237-41 | 2.9 | 288 |
| 14 | Oxacillinase-mediated resistance to cefepime and susceptibility to ceftazidime in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 1615-20 | 5.9 | 87 |
| 13 | OXA-28, an extended-spectrum variant of OXA-10 beta-lactamase from <i>Pseudomonas aeruginosa</i> and its plasmid- and integron-located gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 447-53 | 5.9 | 107 |
| 12 | GES-2, a class A beta-lactamase from <i>Pseudomonas aeruginosa</i> with increased hydrolysis of imipenem. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 2598-603 | 5.9 | 172 |
| 11 | VEB-1-like Extended-Spectrum β -Lactamases in <i>Pseudomonas aeruginosa</i> , Kuwait. <i>Emerging Infectious Diseases</i> , 2001 , 7, 468-470 | 10.2 | 46 |
| 10 | Biochemical-genetic characterization and regulation of expression of an ACC-1-like chromosome-borne cephalosporinase from <i>Hafnia alvei</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 1470-8 | 5.9 | 52 |
| 9 | Characterization of VIM-2, a carbapenem-hydrolyzing metallo-beta-lactamase and its plasmid- and integron-borne gene from a <i>Pseudomonas aeruginosa</i> clinical isolate in France. <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 891-7 | 5.9 | 450 |
| 8 | Genetic diversity of carbapenem-hydrolyzing metallo-beta-lactamases from <i>Chryseobacterium</i> (<i>Flavobacterium</i>) <i>indologenes</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 3028-34 | 5.9 | 60 |
| 7 | Biochemical sequence analyses of GES-1, a novel class A extended-spectrum beta-lactamase, and the class 1 integron In52 from <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 622-32 | 5.9 | 344 |
| 6 | An SHV-derived extended-spectrum beta-lactamase in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 1281-4 | 5.9 | 90 |
| 5 | Molecular and biochemical characterization of VEB-1, a novel class A extended-spectrum beta-lactamase encoded by an <i>Escherichia coli</i> integron gene. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 573-81 | 5.9 | 197 |
| 4 | Cloning, sequence analyses, expression, and distribution of ampC-ampR from <i>Morganella morganii</i> clinical isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 769-76 | 5.9 | 101 |
| 3 | Molecular characterization of In50, a class 1 integron encoding the gene for the extended-spectrum beta-lactamase VEB-1 in <i>Pseudomonas aeruginosa</i> . <i>FEMS Microbiology Letters</i> , 1999 , 176, 411-9 | 2.9 | 94 |

| | | | |
|---|---|-----|----|
| 2 | Extended-spectrum β lactamase TEM-4 in <i>Pseudomonas aeruginosa</i> . <i>Clinical Microbiology and Infection</i> , 1999 , 5, 651-2 | 9.5 | 22 |
| 1 | Integron- and carbapenemase-mediated reduced susceptibility to amoxicillin-clavulanic acid in isolates of multidrug-resistant <i>Salmonella enterica</i> serotype typhimurium DT104 from French patients. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 1098-104 | 5.9 | 55 |