

Rmy A Bonnini

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3500124/remy-a-bonnin-publications-by-citations.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.

136
papers

8,127
citations

38
h-index

89
g-index

147
ext. papers

9,802
ext. citations

6.9
avg, IF

6.36
L-index

| # | Paper | IF | Citations |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 136 | Global spread of Carbapenemase-producing Enterobacteriaceae. <i>Emerging Infectious Diseases</i> , 2011 , 17, 1791-8 | 10.2 | 1568 |
| 135 | The real threat of <i>Klebsiella pneumoniae</i> carbapenemase-producing bacteria. <i>Lancet Infectious Diseases</i> , 2009 , 9, 228-36 | 25.5 | 1105 |
| 134 | Diversity, epidemiology, and genetics of class D beta-lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 24-38 | 5.9 | 434 |
| 133 | Genetic structures at the origin of acquisition of the beta-lactamase bla KPC gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 1257-63 | 5.9 | 377 |
| 132 | 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 |
| 131 | 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 |
| 130 | Worldwide diversity of <i>Klebsiella pneumoniae</i> that produce beta-lactamase blaKPC-2 gene. <i>Emerging Infectious Diseases</i> , 2010 , 16, 1349-56 | 10.2 | 249 |
| 129 | Beta-lactamase database (BLDB) - structure and function. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 917-919 | 5.6 | 187 |
| 128 | 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 |
| 127 | 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 |
| 126 | Outbreak of OXA-48-positive carbapenem-resistant <i>Klebsiella pneumoniae</i> isolates in France. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 2420-3 | 5.9 | 155 |
| 125 | Efficacy and safety of cefiderocol or best available therapy for the treatment of serious infections caused by carbapenem-resistant Gram-negative bacteria (CREDIBLE-CR): a randomised, open-label, multicentre, pathogen-focused, descriptive, phase 3 trial. <i>Lancet Infectious Diseases</i> , 2021 , 21, 226-240 | 25.5 | 147 |
| 124 | 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 |
| 123 | A multiplex lateral flow immunoassay for the rapid identification of NDM-, KPC-, IMP- and VIM-type and OXA-48-like carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 909-915 | 5.1 | 117 |
| 122 | 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 |
| 121 | Genetic support and diversity of acquired extended-spectrum beta-lactamases in Gram-negative rods. <i>Infection, Genetics and Evolution</i> , 2012 , 12, 883-93 | 4.5 | 98 |
| 120 | Efficient Detection of Carbapenemase Activity in Enterobacteriaceae by Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry in Less Than 30 Minutes. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 2163-71 | 9.7 | 96 |

| | | | |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|
| 119 | 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 |
| 118 | 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 |
| 117 | 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 |
| 116 | Outbreak of carbapenem-resistant <i>Acinetobacter baumannii</i> producing the carbapenemase OXA-23 in a tertiary care hospital of Papeete, French Polynesia. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 4826-9 | 9.7 | 84 |
| 115 | Regional occurrence of plasmid-mediated carbapenem-hydrolyzing oxacillinase OXA-58 in <i>Acinetobacter</i> spp. in Europe. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 4885-8 | 9.7 | 82 |
| 114 | GES extended-spectrum β -lactamases in <i>Acinetobacter baumannii</i> isolates in Belgium. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 4872-8 | 5.9 | 74 |
| 113 | Screening and deciphering antibiotic resistance in <i>Acinetobacter baumannii</i> : a state of the art. <i>Expert Review of Anti-Infective Therapy</i> , 2013 , 11, 571-83 | 5.5 | 71 |
| 112 | Structural and Functional Aspects of Class A Carbapenemases. <i>Current Drug Targets</i> , 2016 , 17, 1006-28 | 3 | 71 |
| 111 | Genetic and biochemical characterization of OXA-405, an OXA-48-type extended-spectrum β -lactamase without significant carbapenemase activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 3823-8 | 5.9 | 68 |
| 110 | Molecular characterization of OXA-20, a novel class D beta-lactamase, and its integron from <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1998 , 42, 2074-83 | 5.9 | 61 |
| 109 | Improvement of the Xpert Carba-R Kit for the Detection of Carbapenemase-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 3832-7 | 5.9 | 58 |
| 108 | Aztreonam plus Clavulanate, Tazobactam, or Avibactam for Treatment of Infections Caused by Metallo- β -Lactamase-Producing Gram-Negative Bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63, | 5.9 | 53 |
| 107 | Prospective evaluation of the OKN K-SeT assay, a new multiplex immunochromatographic test for the rapid detection of OXA-48-like, KPC and NDM carbapenemases. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 1955-1960 | 5.1 | 46 |
| 106 | MCR-1 and OXA-48 Acquisition in KPC-Producing <i>Escherichia coli</i> after Colistin Treatment. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 45 |
| 105 | Evaluation of the β CARBA [®] test, a colorimetric test for the rapid detection of carbapenemase activity in Gram-negative bacilli. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 1646-1658 | 5.1 | 45 |
| 104 | Prospective evaluation of the OXA-48 K-SeT assay, an immunochromatographic test for the rapid detection of OXA-48-type carbapenemases. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1834-40 | 5.1 | 43 |
| 103 | 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 |
| 102 | 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 |

| | | | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 101 | MALDI-TOF for the rapid detection of carbapenemase-producing Enterobacteriaceae: comparison of the commercialized MBT STAR [®] -Carba IVD Kit with two in-house MALDI-TOF techniques and the RAPIDEC [®] CARBA NP. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 2352-2359 | 5.1 | 40 |
| 100 | Rapid detection and discrimination of chromosome- and MCR-plasmid-mediated resistance to polymyxins by MALDI-TOF MS in <i>Escherichia coli</i> : the MALDIxin test. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 3359-3367 | 5.1 | 39 |
| 99 | Structure of the imipenem-hydrolyzing class A beta-lactamase SME-1 from <i>Serratia marcescens</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002 , 58, 267-74 | | 38 |
| 98 | OXA-244-Producing <i>Escherichia coli</i> Isolates, a Challenge for Clinical Microbiology Laboratories. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 34 |
| 97 | Genomic Insights into Colistin-Resistant <i>Klebsiella pneumoniae</i> from a Tunisian Teaching Hospital. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62, | 5.9 | 34 |
| 96 | Multidrug-resistant <i>Acinetobacter baumannii</i> clone, France. <i>Emerging Infectious Diseases</i> , 2013 , 19, 822-30.2 | 3.0 | 33 |
| 95 | Diversity of Carbapenemase-Producing <i>Escherichia coli</i> Isolates in France in 2012-2013. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62, | 5.9 | 32 |
| 94 | Performance of the Xpert Carba-R v2 in the daily workflow of a hygiene unit in a country with a low prevalence of carbapenemase-producing Enterobacteriaceae. <i>International Journal of Antimicrobial Agents</i> , 2017 , 49, 774-777 | 14.3 | 31 |
| 93 | Unravelling ceftazidime/avibactam resistance of KPC-28, a KPC-2 variant lacking carbapenemase activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2239-2246 | 5.1 | 31 |
| 92 | Genetics of Acquired Antibiotic Resistance Genes in spp. <i>Frontiers in Microbiology</i> , 2020 , 11, 256 | 5.7 | 31 |
| 91 | Rapid detection of colistin resistance in <i>Acinetobacter baumannii</i> using MALDI-TOF-based lipidomics on intact bacteria. <i>Scientific Reports</i> , 2018 , 8, 16910 | 4.9 | 31 |
| 90 | Chromosomal Amplification of the blaOXA-58 Carbapenemase Gene in a <i>Proteus mirabilis</i> Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 30 |
| 89 | Dissemination of carbapenemase-producing Enterobacteriaceae and <i>Pseudomonas aeruginosa</i> in Romania. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 7100-3 | 5.9 | 29 |
| 88 | Prospective evaluation of an algorithm for the phenotypic screening of carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 135-40 | 5.1 | 28 |
| 87 | Evaluation of the rapid carbapenem inactivation method (rCIM): a phenotypic screening test for carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 900-908 | 5.1 | 28 |
| 86 | AbaR-type transposon structures in <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 234-6 | 5.1 | 28 |
| 85 | Retrospective and prospective evaluation of the Carbapenem inactivation method for the detection of carbapenemase-producing Enterobacteriaceae. <i>PLoS ONE</i> , 2017 , 12, e0170769 | 3.7 | 28 |
| 84 | A 4.5-Year Within-Patient Evolution of a Colistin-Resistant <i>Klebsiella pneumoniae</i> Carbapenemase-Producing K. pneumoniae Sequence Type 258. <i>Clinical Infectious Diseases</i> , 2018 , 67, 1388-1394 | 11.6 | 25 |

| | | | |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 83 | First outbreak of OXA-48-positive carbapenem-resistant <i>Klebsiella pneumoniae</i> isolates in Constantine, Algeria. <i>International Journal of Antimicrobial Agents</i> , 2015 , 46, 725-7 | 14.3 | 23 |
| 82 | Detection of Colistin Resistance in <i>Escherichia coli</i> by Use of the MALDI Biotyper Sirius Mass Spectrometry System. <i>Journal of Clinical Microbiology</i> , 2019 , 57, | 9.7 | 22 |
| 81 | CTX-M-93, a CTX-M variant lacking penicillin hydrolytic activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 1861-6 | 5.9 | 20 |
| 80 | Carbapenemase-producing Enterobacterales outbreak: Another dark side of COVID-19. <i>American Journal of Infection Control</i> , 2020 , 48, 1533-1536 | 3.8 | 20 |
| 79 | Biochemical and genetic characterization of carbapenem-hydrolyzing β -lactamase OXA-229 from <i>Acinetobacter bereziniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 3923-7 | 5.9 | 19 |
| 78 | First identification of bla _{IMI-1} in an <i>Enterobacter cloacae</i> clinical isolate from France. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1664-5 | 5.9 | 18 |
| 77 | Stepwise evolution and convergent recombination underlie the global dissemination of carbapenemase-producing <i>Escherichia coli</i> . <i>Genome Medicine</i> , 2020 , 12, 10 | 14.4 | 17 |
| 76 | First Occurrence of OXA-72-Producing <i>Acinetobacter baumannii</i> in Serbia. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 5724-30 | 5.9 | 17 |
| 75 | AmpD is required for regulation of expression of Nmca, a carbapenem-hydrolyzing beta-lactamase of <i>Enterobacter cloacae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 2908-15 | 5.9 | 17 |
| 74 | Genetic and Biochemical Characterization of OXA-519, a Novel OXA-48-Like β -Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62, | 5.9 | 16 |
| 73 | Emergence of New Non-Clonal Group 258 High-Risk Clones among <i>Klebsiella pneumoniae</i> Carbapenemase-Producing K. pneumoniae Isolates, France. <i>Emerging Infectious Diseases</i> , 2020 , 26, 1212-1220 | 10.2 | 16 |
| 72 | Development and validation of a multiplex polymerase chain reaction assay for detection of the five families of plasmid-encoded colistin resistance. <i>International Journal of Antimicrobial Agents</i> , 2019 , 53, 302-309 | 14.3 | 16 |
| 71 | Evaluation of the CRE and ESBL ELITE MGB [®] kits for the accurate detection of carbapenemase- or CTX-M-producing bacteria. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 92, 1-7 | 2.9 | 15 |
| 70 | Analysis of OXA-204 carbapenemase-producing reveals possible endoscopy-associated transmission, France, 2012 to 2014. <i>Eurosurveillance</i> , 2017 , 22, | 19.8 | 14 |
| 69 | Spread of Plasmids Carrying Multiple GES Variants. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 5040-3 | 5.9 | 14 |
| 68 | Molecular Characterization of OXA-198 Carbapenemase-Producing <i>Pseudomonas aeruginosa</i> Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62, | 5.9 | 13 |
| 67 | A 2.5-years within-patient evolution of a with acquisition of ceftolozane-tazobactam and ceftazidime-avibactam resistance upon treatment. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , | 5.9 | 13 |
| 66 | Evaluation of the Amplidiag CarbaR+MCR Kit for Accurate Detection of Carbapenemase-Producing and Colistin-Resistant Bacteria. <i>Journal of Clinical Microbiology</i> , 2019 , 57, | 9.7 | 13 |

| | | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| 65 | Optimization of the MALDixin test for the rapid identification of colistin resistance in <i>Klebsiella pneumoniae</i> using MALDI-TOF MS. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 110-116 | 5.1 | 13 |
| 64 | Genomic analysis of in vivo acquired resistance to colistin and rifampicin in <i>Acinetobacter baumannii</i> . <i>International Journal of Antimicrobial Agents</i> , 2018 , 51, 266-269 | 14.3 | 13 |
| 63 | Outbreak of IMI-1 carbapenemase-producing colistin-resistant <i>Enterobacter cloacae</i> on the French island of Mayotte (Indian Ocean). <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 416-420 | 14.3 | 13 |
| 62 | Whole-genome sequencing of NDM-1-producing ST85 <i>Acinetobacter baumannii</i> isolates from Tunisia. <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 916-921 | 14.3 | 13 |
| 61 | Development and Multicentric Validation of a Lateral Flow Immunoassay for Rapid Detection of MCR-1-Producing. <i>Journal of Clinical Microbiology</i> , 2019 , 57, | 9.7 | 12 |
| 60 | Evaluation of the Amplidiag CarbaR+VRE Kit for Accurate Detection of Carbapenemase-Producing Bacteria. <i>Journal of Clinical Microbiology</i> , 2018 , 56, | 9.7 | 12 |
| 59 | A Lateral Flow Immunoassay for the Rapid Identification of CTX-M-Producing Enterobacterales from Culture Plates and Positive Blood Cultures. <i>Diagnostics</i> , 2020 , 10, | 3.8 | 12 |
| 58 | False-Positive Carbapenem-Hydrolyzing Confirmatory Tests Due to ACT-28, a Chromosomally Encoded AmpC with Weak Carbapenemase Activity from <i>Enterobacter kobei</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63, | 5.9 | 12 |
| 57 | Detection of GES-5 Carbapenemase in <i>Klebsiella pneumoniae</i> , a Newcomer in France. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 11 |
| 56 | First report of OXA-232-producing <i>Klebsiella pneumoniae</i> strains in Tunisia. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017 , 88, 195-197 | 2.9 | 11 |
| 55 | Chromosome-encoded narrow-spectrum Ambler class A beta-lactamase GIL-1 from <i>Citrobacter gillenii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 1365-72 | 5.9 | 11 |
| 54 | Different phenotypic expression of KPC β -lactamase variants and challenges in their detection. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 769-771 | 5.1 | 11 |
| 53 | ISAbal1-dependent overexpression of eptA in clinical strains of <i>Acinetobacter baumannii</i> resistant to colistin. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2544-2550 | 5.1 | 10 |
| 52 | Compassionate Use of Cefiderocol to Treat a Case of Prosthetic Joint Infection Due to Extensively Drug-Resistant. <i>Microorganisms</i> , 2020 , 8, | 4.9 | 10 |
| 51 | Improvement of the Immunochromatographic NG-Test Carba 5 Assay for the Detection of IMP Variants Previously Undetected. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 64, | 5.9 | 10 |
| 50 | Comparison of the Superpolymyxin and ChromID Colistin R Screening Media for the Detection of Colistin-Resistant from Spiked Rectal Swabs. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63, | 5.9 | 10 |
| 49 | Extended-spectrum resistance to β -lactams/ β -lactamase inhibitors (ESRI) evolved from low-level resistant <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 77-85 | 5.1 | 9 |
| 48 | Whole-Genome Sequence of a European Clone II and OXA-72-Producing <i>Acinetobacter baumannii</i> Strain from Serbia. <i>Genome Announcements</i> , 2015 , 3, | | 9 |

| | | | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|
| 47 | LMB-1 producing <i>Citrobacter freundii</i> from Argentina, a novel player in the field of MBLs. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105857 | 14.3 | 9 |
| 46 | Role of Arginine 214 in the Substrate Specificity of OXA-48. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64, | 5.9 | 8 |
| 45 | Draft Genome Sequence of the <i>Serratia rubidaea</i> CIP 103234T Reference Strain, a Human-Opportunistic Pathogen. <i>Genome Announcements</i> , 2015 , 3, | | 8 |
| 44 | Susceptibility Testing Is Key for the Success of Cefiderocol Treatment: A Retrospective Cohort Study. <i>Microorganisms</i> , 2021 , 9, | 4.9 | 8 |
| 43 | A single <i>Proteus mirabilis</i> lineage from human and animal sources: a hidden reservoir of OXA-23 or OXA-58 carbapenemases in Enterobacterales. <i>Scientific Reports</i> , 2020 , 10, 9160 | 4.9 | 7 |
| 42 | MCR-8 mediated colistin resistance in a carbapenem-resistant <i>Klebsiella pneumoniae</i> isolated from a repatriated patient from Morocco. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105920 | 14.3 | 7 |
| 41 | Molecular characterization of plasmid-encoded Tripoli MBL 1 (TMB-1) in Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 42-47 | 5.1 | 7 |
| 40 | Comparison of Two Phenotypic Algorithms To Detect Carbapenemase-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 6 |
| 39 | Sequential emergence of colistin and rifampicin resistance in an OXA-72- producing outbreak strain of <i>Acinetobacter baumannii</i> . <i>International Journal of Antimicrobial Agents</i> , 2019 , 53, 669-673 | 14.3 | 6 |
| 38 | Endoscopy-associated transmission of carbapenemase-producing Enterobacteriaceae: return of 5 years experience. <i>Endoscopy</i> , 2015 , 47, 561 | 3.4 | 6 |
| 37 | Evaluation of the Revogene Carba C Assay for Detection and Differentiation of Carbapenemase-Producing Gram-Negative Bacteria. <i>Journal of Clinical Microbiology</i> , 2020 , 58, | 9.7 | 6 |
| 36 | NMR Characterization of the Influence of Zinc(II) Ions on the Structural and Dynamic Behavior of the New Delhi Metallo-β-lactamase-1 and on the Binding with Flavonols as Inhibitors. <i>ACS Omega</i> , 2020 , 5, 10466-10480 | 3.9 | 6 |
| 35 | First Occurrence of the OXA-198 Carbapenemase in. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64, | 5.9 | 6 |
| 34 | Occurrence of carbapenemase-producing Enterobacteriaceae in Togo, West Africa. <i>International Journal of Antimicrobial Agents</i> , 2019 , 53, 530-532 | 14.3 | 6 |
| 33 | Genetic Diversity, Biochemical Properties, and Detection Methods of Minor Carbapenemases in Enterobacterales. <i>Frontiers in Medicine</i> , 2020 , 7, 616490 | 4.9 | 6 |
| 32 | Draft Genome Sequence of NDM-1-Producing. <i>Genome Announcements</i> , 2017 , 5, | | 5 |
| 31 | Promoter characterization and expression of the blaKPC-2 gene in <i>Escherichia coli</i> , <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 1597-1601 | 5.1 | 5 |
| 30 | Concomitant carriage of KPC-producing and non-KPC-producing <i>Klebsiella pneumoniae</i> ST512 within a single patient. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 2087-2092 | 5.1 | 5 |

| | | | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|
| 29 | Detection of Colistin Resistance in Using MALDIxin Test on the Routine MALDI Biotyper Sirius Mass Spectrometer. <i>Frontiers in Microbiology</i> , 2020 , 11, 1141 | 5.7 | 5 |
| 28 | Substrate Specificity of OXA-48 after β - β Loop Replacement. <i>ACS Infectious Diseases</i> , 2020 , 6, 1032-1043 | 5.5 | 5 |
| 27 | Ceftazidime-susceptible and imipenem-non-susceptible OXA-58-producing <i>Acinetobacter baumannii</i> from the Comoros archipelago. <i>International Journal of Antimicrobial Agents</i> , 2013 , 41, 297-8 | 14.3 | 5 |
| 26 | Biochemical and Structural Characterization of OXA-405, an OXA-48 Variant with Extended-Spectrum β -Lactamase Activity. <i>Microorganisms</i> , 2019 , 8, | 4.9 | 5 |
| 25 | Azetidinimines as a novel series of non-covalent broad-spectrum inhibitors of β -Lactamases with submicromolar activities against carbapenemases KPC-2 (class A), NDM-1 (class B) and OXA-48 (class D). <i>European Journal of Medicinal Chemistry</i> , 2021 , 219, 113418 | 6.8 | 5 |
| 24 | Outbreak of CTX-M-15 Extended-Spectrum β -Lactamase-Producing ST394 in a French Intensive Care Unit Dedicated to COVID-19. <i>Pathogens</i> , 2021 , 10, | 4.5 | 4 |
| 23 | Emergence and Polyclonal Dissemination of OXA-244-Producing <i>Escherichia coli</i> , France. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1206-1210 | 10.2 | 4 |
| 22 | Evaluation of the Novodiag CarbaR+, a Novel Integrated Sample to Result Platform for the Multiplex Qualitative Detection of Carbapenem and Colistin Resistance Markers. <i>Microbial Drug Resistance</i> , 2021 , 27, 170-178 | 2.9 | 4 |
| 21 | Genetic, Biochemical, and Structural Characterization of CMY-136 β -Lactamase, a Peculiar CMY-2 Variant. <i>ACS Infectious Diseases</i> , 2019 , 5, 528-538 | 5.5 | 3 |
| 20 | Screening of OXA-244 producers, a difficult-to-detect and emerging OXA-48 variant?. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 2120-2123 | 5.1 | 3 |
| 19 | Carbapenemase-producing <i>Acinetobacter</i> spp. from environmental sources in a hospital in French Polynesia. <i>Journal of Global Antimicrobial Resistance</i> , 2019 , 16, 81-82 | 3.4 | 3 |
| 18 | Chromosome-Encoded Broad-Spectrum Ambler Class A β -Lactamase RUB-1 from <i>Serratia rubidaea</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 2 |
| 17 | Outbreak of OXA-48-producing Enterobacterales in a haematological ward associated with an uncommon environmental reservoir, France, 2016 to 2019. <i>Eurosurveillance</i> , 2021 , 26, | 19.8 | 2 |
| 16 | Optimization of the rapid carbapenem inactivation method for use with AmpC hyperproducers. <i>Journal of Antimicrobial Chemotherapy</i> , 2021 , 76, 2294-2301 | 5.1 | 2 |
| 15 | Emergence of VIM-producing <i>Enterobacter cloacae</i> complex in France between 2015 and 2018.. <i>Journal of Antimicrobial Chemotherapy</i> , 2022 , | 5.1 | 1 |
| 14 | KPC-39-Mediated Resistance to Ceftazidime-Avibactam in a <i>Klebsiella pneumoniae</i> ST307 Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0116021 | 5.9 | 1 |
| 13 | Genomic analysis of VIM-2-producing <i>Enterobacter hormaechei</i> subsp. <i>steigerwaltii</i> . <i>International Journal of Antimicrobial Agents</i> , 2021 , 57, 106285 | 14.3 | 1 |
| 12 | Polyclonal Dissemination of NDM-1- and NDM-9-Producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in French Polynesia. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, | 5.9 | 1 |

| | | | |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|
| 11 | Redefining the Origin and Evolution of Chromosomally Encoded in the Context of a Revised Taxonomy of Genus. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0242420 | 5.9 | 1 |
| 10 | Phylogeny, Resistome, and Virulome of Causing Biliary Tract Infections. <i>Journal of Clinical Medicine</i> , 2019 , 8, | 5.1 | 1 |
| 9 | <i>Bordetella hinzii</i> Pneumonia in Patient with SARS-CoV-2 Infection.. <i>Emerging Infectious Diseases</i> , 2022 , 28, 844-847 | 10.2 | 1 |
| 8 | Specificities and Commonalities of Carbapenemase-Producing <i>Escherichia coli</i> Isolated in France from 2012 to 2015.. <i>MSystems</i> , 2022 , e0116921 | 7.6 | 0 |
| 7 | activity of cefiderocol and comparators against isolates of Gram-negative pathogens from a range of infection sources: SIDERO-WT-2014-2018 studies in France. <i>JAC-Antimicrobial Resistance</i> , 2021 , 3, dlab081 | 2.9 | 0 |
| 6 | Biochemical characterization of OXA-244, an emerging OXA-48 variant with reduced β -lactam hydrolytic activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2021 , 76, 2024-2028 | 5.1 | 0 |
| 5 | High prevalence of OXA-23 carbapenemase-producing among amoxicillin-clavulanate resistant isolates in France.. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , AAC0198321 | 5.9 | 0 |
| 4 | Undetectable Production of the VIM-1 Carbapenemase in an Clinical Isolate.. <i>Frontiers in Microbiology</i> , 2021 , 12, 741972 | 5.7 | 0 |
| 3 | Characterisation of incompatibility groups and plasmid addiction systems in a collection of multiresistant-producing <i>Klebsiella pneumoniae</i> strains. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105855 | 14.3 | |
| 2 | Detection and Characterization of VIM-52, a New Variant of VIM-1 from a <i>Klebsiella pneumoniae</i> Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0266020 | 5.9 | |
| 1 | <i>Bordetella hinzii</i> Pneumonia in Patient with SARS-CoV-2 Infection. <i>Emerging Infectious Diseases</i> , 2022 , 28, 844-847 | 10.2 | |