

Laurent Poirel

List of Publications by Citations

Source: <https://exaly.com/author-pdf/76804/laurent-poirel-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.

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	Global spread of Carbapenemase-producing Enterobacteriaceae. <i>Emerging Infectious Diseases</i> , 2011 , 17, 1791-8	10.2	1568
396	Metallo-beta-lactamases: the quiet before the storm?. <i>Clinical Microbiology Reviews</i> , 2005 , 18, 306-25	34	1102
395	Multiplex PCR for detection of acquired carbapenemase genes. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011 , 70, 119-23	2.9	1059
394	Clinical epidemiology of the global expansion of Klebsiella pneumoniae carbapenemases. <i>Lancet Infectious Diseases</i> , 2013 , 13, 785-96	25.5	1030
393	Polymyxins: Antibacterial Activity, Susceptibility Testing, and Resistance Mechanisms Encoded by Plasmids or Chromosomes. <i>Clinical Microbiology Reviews</i> , 2017 , 30, 557-596	34	692
392	Emergence of oxacillinase-mediated resistance to imipenem in Klebsiella pneumoniae. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 15-22	5.9	672
391	CTX-M: changing the face of ESBLs in Europe. <i>Journal of Antimicrobial Chemotherapy</i> , 2007 , 59, 165-74	5.1	622
390	Carbapenem resistance in Enterobacteriaceae: here is the storm!. <i>Trends in Molecular Medicine</i> , 2012 , 18, 263-72	11.5	599
389	OXA-48-like carbapenemases: the phantom menace. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 1597-606	5.1	578
388	Dissemination of clonally related Escherichia coli strains expressing extended-spectrum beta-lactamase CTX-M-15. <i>Emerging Infectious Diseases</i> , 2008 , 14, 195-200	10.2	572
387	Comparative genomics of multidrug resistance in Acinetobacter baumannii. <i>PLoS Genetics</i> , 2006 , 2, e7	6	553
386	Rapid detection of carbapenemase-producing Enterobacteriaceae. <i>Emerging Infectious Diseases</i> , 2012 , 18, 1503-7	10.2	547
385	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
384	The emerging NDM carbapenemases. <i>Trends in Microbiology</i> , 2011 , 19, 588-95	12.4	450
383	Characterization of VIM-2, a carbapenem-hydrolyzing metallo-beta-lactamase and its plasmid- and integron-borne gene from a Pseudomonas aeruginosa clinical isolate in France. <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 891-7	5.9	450
382	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
381	Carbapenemase-Producing Klebsiella pneumoniae, a Key Pathogen Set for Global Nosocomial Dominance. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 5873-84	5.9	441

380	Diversity, epidemiology, and genetics of class D beta-lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 24-38	5.9	434
379	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
378	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
377	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
376	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
375	Genetic features of blaNDM-1-positive Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 5403-7	5.9	301
374	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
373	Worldwide dissemination of the NDM-type carbapenemases in Gram-negative bacteria. <i>BioMed Research International</i> , 2014 , 2014, 249856	3	284
372	Origin of plasmid-mediated quinolone resistance determinant QnrA. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 3523-5	5.9	270
371	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
370	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
369	Comparative analysis of <i>Acinetobacters</i> : three genomes for three lifestyles. <i>PLoS ONE</i> , 2008 , 3, e1805	3.7	246
368	How to detect NDM-1 producers. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 718-21	9.7	235
367	Characterization of the naturally occurring oxacillinase of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 4174-9	5.9	229
366	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
365	Carbapenemase-Producing Organisms: A Global Scourge. <i>Clinical Infectious Diseases</i> , 2018 , 66, 1290-1297	11.6	221
364	Carbapenemases: molecular diversity and clinical consequences. <i>Future Microbiology</i> , 2007 , 2, 501-12	2.9	221
363	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

362	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
361	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
360	Spread of OXA-48-encoding plasmid in Turkey and beyond. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 1369-73	5.9	208
359	Emergence of metallo- β -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
358	OXA-58, a novel class D β -lactamase involved in resistance to carbapenems in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 202-8	5.9	205
357	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
356	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
355	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
354	The mgrB 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
353	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
352	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
351	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
350	ISEcp1B-mediated transposition of blaCTX-M in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 447-50	5.9	180
349	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
348	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
347	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
346	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
345	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

344	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
343	Detection of NDM-1-producing <i>Klebsiella pneumoniae</i> in Kenya. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 934-6	5.9	165
342	NDM-2 carbapenemase in <i>Acinetobacter baumannii</i> from Egypt. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1260-2	5.1	164
341	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
340	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
339	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
338	Epidemiology and Diagnostics of Carbapenem Resistance in Gram-negative Bacteria. <i>Clinical Infectious Diseases</i> , 2019 , 69, S521-S528	11.6	157
337	Antimicrobial Resistance in. <i>Microbiology Spectrum</i> , 2018 , 6,	8.9	153
336	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
335	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
334	<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
333	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
332	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
331	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
330	Occurrence of the Plasmid-Borne mcr-1 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
329	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
328	Extended-spectrum cephalosporinases in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 1766-71	5.9	121
327	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

326	Extended-spectrum beta-lactamase CTX-M-1 in Escherichia coli isolates from healthy poultry in France. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 4681-5	4.8	120
325	Strategies for identification of carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 487-9	5.1	118
324	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
323	Rapid Detection of Polymyxin Resistance in Enterobacteriaceae. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1038-43	10.2	118
322	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
321	Molecular characterization of a novel class 1 integron containing bla(GES-1) and a fused product of aac3-lb/aac6P1bPgene cassettes in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 638-45	5.9	114
320	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
319	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
318	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
317	Functional analysis of insertion sequence ISAb1, responsible for genomic plasticity of <i>Acinetobacter baumannii</i> . <i>Journal of Bacteriology</i> , 2009 , 191, 2414-8	3.5	110
316	OXA-163, an OXA-48-related class D β-lactamase with extended activity toward expanded-spectrum cephalosporins. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 2546-51	5.9	110
315	Carbapenemase-producing Enterobacteriaceae, U.S. rivers. <i>Emerging Infectious Diseases</i> , 2005 , 11, 260-4	10.2	110
314	Rapid detection of carbapenemase-producing <i>Pseudomonas</i> spp. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 3773-6	9.7	109
313	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
312	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
311	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
310	Evolution of IncA/C blaCMY-β-carrying plasmids by acquisition of the blaNDM-β-carbapenemase gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 783-6	5.9	106
309	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

308	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
307	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
306	CarbAcineto NP test for rapid detection of carbapenemase-producing Acinetobacter spp. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 2359-64	9.7	102
305	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
304	Cloning, sequence analyses, expression, and distribution of ampC-ampR from Morganella morganii clinical isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 769-76	5.9	101
303	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
302	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
301	Global spread of New Delhi metallo- β -lactamase 1. <i>Lancet Infectious Diseases, The</i> , 2010 , 10, 832	25.5	98
300	Genetic basis of antibiotic resistance in pathogenic Acinetobacter species. <i>IUBMB Life</i> , 2011 , 63, 1061-7	4.7	96
299	Diversity of genetic environment of blaCTX-M genes. <i>FEMS Microbiology Letters</i> , 2004 , 234, 201-207	2.9	96
298	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
297	Characterization of an IncFII plasmid encoding NDM-1 from Escherichia coli ST131. <i>PLoS ONE</i> , 2012 , 7, e34752	3.7	95
296	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
295	Molecular characterization of In50, a class 1 integron encoding the gene for the extended-spectrum beta-lactamase VEB-1 in Pseudomonas aeruginosa. <i>FEMS Microbiology Letters</i> , 1999 , 176, 411-9	2.9	94
294	A nosocomial outbreak of Acinetobacter baumannii isolates expressing the carbapenem-hydrolysing oxacillinase OXA-58. <i>Journal of Antimicrobial Chemotherapy</i> , 2005 , 55, 115-8	5.1	92
293	Rapidec Carba NP Test for Rapid Detection of Carbapenemase Producers. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 3003-8	9.7	91
292	Evaluation of the RAPIDEC \square CARBA NP, the Rapid CARB Screen \square 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
291	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

290	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
289	Seagulls and beaches as reservoirs for multidrug-resistant <i>Escherichia coli</i> . <i>Emerging Infectious Diseases</i> , 2010 , 16, 110-2	10.2	89
288	Heterogeneous hydrolytic features for OXA-48-like β -lactamases. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1059-63	5.1	87
287	Rapid detection of extended-spectrum- β -lactamase-producing Enterobacteriaceae. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 3016-22	9.7	87
286	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
285	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
284	Nosocomial spread of the integron-located <i>veb-1</i> -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
283	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
282	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
281	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
280	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
279	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
278	Multicopy <i>bla</i> OXA-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
277	Antimicrobial 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
276	Emergence of NDM-1-producing <i>Klebsiella pneumoniae</i> in Morocco. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2781-3	5.1	78
275	Molecular analysis of metallo-beta-lactamase gene <i>bla</i> (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
274	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
273	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

272	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
271	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
270	Emergence of New Delhi metallo-beta-lactamase (NDM-1) and Klebsiella pneumoniae carbapenemase (KPC-2) in South Africa. <i>Journal of Clinical Microbiology</i> , 2012 , 50, 525-7	9.7	72
269	, an Inducible Gene Encoding an Acquired Phosphoethanolamine Transferase in Escherichia coli, and Its Origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	71
268	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
267	Molecular analysis of NDM-1-producing enterobacterial isolates from Geneva, Switzerland. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1730-3	5.1	71
266	Ertapenem resistance of Escherichia coli. <i>Emerging Infectious Diseases</i> , 2007 , 13, 315-7	10.2	70
265	Structure of the catalytic domain of the colistin resistance enzyme MCR-1. <i>BMC Biology</i> , 2016 , 14, 81	7.3	70
264	A Universal Culture Medium for Screening Polymyxin-Resistant Gram-Negative Isolates. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 1395-9	9.7	69
263	Emergence of KPC-producing Pseudomonas aeruginosa in the United States. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 3072	5.9	69
262	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
261	Spectrophotometry-based detection of carbapenemase producers among Enterobacteriaceae. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012 , 74, 88-90	2.9	68
260	A nosocomial outbreak of Pseudomonas aeruginosa 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
259	In vivo selection of reduced susceptibility to carbapenems in Acinetobacter baumannii related to ISAb1-mediated overexpression of the natural bla(OXA-66) oxacillinase gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2657-9	5.9	64
258	Emergence of OXA-48-type carbapenemase-producing Enterobacteriaceae in German hospitals. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2125-8	5.9	64
257	BEL-1, a novel clavulanic acid-inhibited extended-spectrum beta-lactamase, and the class 1 integron In120 in Pseudomonas aeruginosa. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 3743-8	5.9	64
256	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
255	Characterization of DIM-1, an integron-encoded metallo-beta-lactamase from a Pseudomonas stutzeri clinical isolate in the Netherlands. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2420-4	5.9	63

254	Strategy for rapid detection of carbapenemase-producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 2441-5	5.9	62
253	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
252	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
251	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
250	Characteristics of <i>Escherichia coli</i> 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
249	Genetic diversity of carbapenem-hydrolyzing metallo-beta-lactamases from <i>Chryseobacterium</i> (<i>Flavobacterium</i>) indologenes. <i>Antimicrobial Agents and Chemotherapy</i> , 2000 , 44, 3028-34	5.9	60
248	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
247	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
246	High Rate of MCR-1-Producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> among Pigs, Portugal. <i>Emerging Infectious Diseases</i> , 2017 , 23, 2023-2029	10.2	56
245	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
244	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
243	Extended-spectrum cephalosporinase in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 3484-8	5.9	55
242	NDM-1-producing <i>Escherichia coli</i> in Germany. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 1318-9	5.9	55
241	Integron- and carbenicillinase-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
240	Study of IS-Mediated Mobilization of the Colistin Resistance Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	54
239	In vitro evaluation of dual carbapenem combinations against carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 156-61	5.1	54
238	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
237	<i>Moraxella</i> Species as Potential Sources of MCR-Like Polymyxin Resistance Determinants. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	53

236	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
235	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
234	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
233	Wild coastline birds as reservoirs of broad-spectrum-lactamase-producing Enterobacteriaceae in Miami Beach, Florida. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2756-8	5.9	51
232	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
231	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
230	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
229	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
228	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
227	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
226	Environmental KPC-producing <i>Escherichia coli</i> isolates in Portugal. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1662-3	5.9	49
225	Ceftazidime/avibactam alone or in combination with aztreonam against colistin-resistant and carbapenemase-producing <i>Klebsiella pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 542-544	5.1	48
224	Overexpression of the naturally occurring blaOXA-51 gene in <i>Acinetobacter baumannii</i> mediated by novel insertion sequence ISAb9. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4045-7	5.9	48
223	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
222	Diversity of genetic environment of bla(CTX-M) genes. <i>FEMS Microbiology Letters</i> , 2004 , 234, 201-7	2.9	48
221	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
220	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
219	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

218	In vitro evaluation of antibiotic synergy for NDM-1-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2295-7	5.1	46
217	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
216	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
215	Integration of the blaNDM-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
214	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
213	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
212	Plasmid-Mediated Colistin-Resistant <i>Escherichia coli</i> in Bacteremia in Switzerland. <i>Clinical Infectious Diseases</i> , 2016 , 62, 1322-3	11.6	45
211	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
210	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
209	Emerging plasmid-encoded colistin resistance: the animal world as the culprit?. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 2326-7	5.1	44
208	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
207	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
206	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
205	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
204	Characterization of Tn3000, a Transposon Responsible for blaNDM-1 Dissemination among Enterobacteriaceae in Brazil, Nepal, Morocco, and India. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 7387-95	5.9	42
203	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
202	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
201	Complete sequence of the IncT-type plasmid pT-OXA-181 carrying the blaOXA-181 carbapenemase gene from <i>Citrobacter freundii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 1965-7	5.9	41

200	Role of common blaOXA-24/OXA-40-carrying platforms and plasmids in the spread of OXA-24/OXA-40 among Acinetobacter species clinical isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 3969-72	5.9	41
199	Efficacies of colistin and tigecycline in mice with experimental pneumonia due to NDM-1-producing strains of Klebsiella pneumoniae and Escherichia coli. <i>International Journal of Antimicrobial Agents</i> , 2012 , 39, 251-4	14.3	40
198	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
197	Carbapenem-resistant Acinetobacter baumannii 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
196	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
195	NDM-1-producing Klebsiella pneumoniae now in Turkey. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2784-5	5.9	38
194	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
193	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
192	Identification of the novel narrow-spectrum beta-lactamase SCO-1 in Acinetobacter spp. from Argentina. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2179-84	5.9	37
191	Integron-located oxa-32 gene cassette encoding an extended-spectrum variant of OXA-2 beta-lactamase from Pseudomonas aeruginosa. <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 566-9	5.9	37
190	Colistin resistance in Parisian inpatient faecal Escherichia coli as the result of two distinct evolutionary pathways. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 1521-1530	5.1	36
189	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
188	Expanded-spectrum beta-lactamase and plasmid-mediated quinolone resistance. <i>Emerging Infectious Diseases</i> , 2007 , 13, 803-5	10.2	36
187	Epidemiology of Carbapenemase-Producing Klebsiella pneumoniae in a Hospital, Portugal. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1632-1638	10.2	35
186	Outbreak caused by NDM-1- and RmtB-producing Escherichia coli in Bulgaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 2472-4	5.9	35
185	Common region CR1 for expression of antibiotic resistance genes. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 2544-6	5.9	35
184	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
183	Modulation of mgrB gene expression as a source of colistin resistance in Klebsiella oxytoca. <i>International Journal of Antimicrobial Agents</i> , 2015 , 46, 108-10	14.3	34

182	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
181	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
180	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
179	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
178	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
177	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
176	Multidrug-resistant <i>Acinetobacter baumannii</i> clone, France. <i>Emerging Infectious Diseases</i> , 2013 , 19, 822-310.2	30.2	33
175	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
174	High-Level Resistance to Colistin Mediated by Various Mutations in the Gene among Carbapenemase-Producing <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	32
173	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
172	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
171	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
170	Plazomicin activity against polymyxin-resistant Enterobacteriaceae, including MCR-1-producing isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 2787-2791	5.1	31
169	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
168	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
167	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
166	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
165	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

164	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
163	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
162	Long-term carriage of NDM-1-producing <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2185-6	5.1	29
161	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
160	AbaR-type transposon structures in <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 234-6	5.1	28
159	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
158	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
157	The carbapenemase threat in the animal world: the wrong culprit. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 2007-8	5.1	27
156	ISCR2, another vehicle for <i>bla</i> (VEB) gene acquisition. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4940-3	5.9	27
155	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
154	Genetic and Functional Characterization of an MCR-3-Like Enzyme-Producing <i>Escherichia coli</i> Isolate Recovered from Swine in Brazil. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	26
153	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
152	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
151	Rapid detection of ESBL-producing Enterobacteriaceae in blood cultures. <i>Emerging Infectious Diseases</i> , 2015 , 21, 504-7	10.2	25
150	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
149	Multidrug-resistant <i>Acinetobacter baumannii</i> strains carrying the <i>bla</i> (OxA-23) and the <i>bla</i> (GES-11) genes in a neonatology center in Tunisia. <i>Microbial Pathogenesis</i> , 2014 , 74, 20-4	3.8	25
148	A Standard Numbering Scheme for Class C β -Lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	25
147	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

146	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
145	Stability of cefiderocol against clinically significant broad-spectrum oxacillinases. <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 866-867	14.3	25
144	Emergence of Escherichia coli producing OXA-48 β -lactamase in the community in Switzerland. <i>Antimicrobial Resistance and Infection Control</i> , 2015 , 4, 9	6.2	24
143	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
142	Emergence of New Sequence Type OXA-48 Carbapenemase-Producing Enterobacteriaceae in Kuwait. <i>Microbial Drug Resistance</i> , 2015 , 21, 329-34	2.9	24
141	Clonal distribution of multidrug-resistant Enterobacter cloacae. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015 , 81, 264-8	2.9	24
140	Further identification of CTX-M-2 extended-spectrum beta-lactamase in Pseudomonas aeruginosa. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2225-6	5.9	24
139	Dissemination of OXA-23-producing and carbapenem-resistant Acinetobacter baumannii in a University Hospital in Tunisia. <i>Microbial Drug Resistance</i> , 2008 , 14, 289-92	2.9	24
138	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
137	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
136	Acinetobacter variabilis 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
135	European clinical isolate of Proteus mirabilis harbouring the Salmonella genomic island 1 variant SGI1-O. <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 2260-2	5.1	23
134	Characterization of a multidrug-resistant Acinetobacter baumannii strain carrying the bla _{NDM-1} and bla _{OXA-23} carbapenemase genes from the Czech Republic. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 1550-2	5.1	22
133	Extended-spectrum β -lactamase TEM-4 in Pseudomonas aeruginosa. <i>Clinical Microbiology and Infection</i> , 1999 , 5, 651-2	9.5	22
132	Antimicrobial Resistance in Escherichia coli 2018 , 289-316		22
131	Features of the mcr-1 Cassette Related to Colistin Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 6438-9	5.9	21
130	Rapid Detection of Polymyxin-Resistant Enterobacteriaceae from Blood Cultures. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 2273-7	9.7	21
129	VIM-1, VIM-34, and IMP-8 Carbapenemase-Producing Escherichia coli Strains Recovered from a Portuguese River. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 2585-6	5.9	21

128	Further proofs of concept for the Carba NP test. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 1269-5.9	21
127	KPC-50 Confers Resistance to Ceftazidime-Avibactam Associated with Reduced Carbapenemase Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64, 5.9	20
126	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
125	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
124	Do CTX-M beta-lactamases hydrolyse ertapenem?. <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 62, 1155-6	20
123	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
122	Importation of OXA-48-producing <i>Klebsiella pneumoniae</i> from Kuwait. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 2051-2	5.1 19
121	SME-2-producing <i>Serratia marcescens</i> isolate from Switzerland. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 2282-3	5.9 19
120	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
119	<i>Hafnia</i> , 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
118	FRI-2 carbapenemase-producing <i>Enterobacter cloacae</i> complex in the UK. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 2478-2482	5.1 18
117	Transferability of the mcr-1 Colistin Resistance Gene. <i>Microbial Drug Resistance</i> , 2017 , 23, 813-814	2.9 18
116	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
115	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
114	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
113	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
112	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
111	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

110	Emergence of the 16S rRNA methylase RmtG in an extended-spectrum- β -lactamase-producing and colistin-resistant <i>Klebsiella pneumoniae</i> isolate in Chile. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 618-9	5.9	17
109	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
108	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
107	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
106	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
105	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
104	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
103	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
102	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
101	<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
100	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
99	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
98	Rapid Detection of Fosfomycin Resistance in <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	15
97	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
96	Characterization of BRP, the Bleomycin Resistance Protein Associated with the Carbapenemase NDM. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	14
95	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
94	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
93	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

92	Draft genome sequence of an mcr-1/IncI2-carrying multidrug-resistant Escherichia coli B1:ST101 isolated from meat and meat products in Egypt. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 20, 41-42	3.4	14
91	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
90	First Genomic Characterization of and Coharboured Isolated from Food of Animal Origin. <i>Pathogens</i> , 2020 , 9,	4.5	13
89	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
88	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
87	CTX-M-33, a CTX-M-15 derivative conferring reduced susceptibility to carbapenems. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 ,	5.9	12
86	Epidemiology of carbapenemase-producing Klebsiella pneumoniae in northern Portugal: Predominance of KPC-2 and OXA-48. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 22, 349-353	3.4	11
85	A novel and hybrid composite transposon at the origin of acquisition of bla(RTG-5) in Acinetobacter baumannii. <i>International Journal of Antimicrobial Agents</i> , 2012 , 40, 257-9	14.3	11
84	Pathogenicity Genomic Island-Associated CrpP-Like Fluoroquinolone-Modifying Enzymes among Pseudomonas aeruginosa Clinical Isolates in Europe. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	10
83	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
82	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
81	Epidemiology and antimicrobial resistance of methicillin-resistant Staphylococcus aureus isolates colonizing pigs with different exposure to antibiotics. <i>PLoS ONE</i> , 2019 , 14, e0225497	3.7	10
80	Contribution of PER-Type and NDM-Type β -Lactamases to Cefiderocol Resistance in Acinetobacter baumannii. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0087721	5.9	10
79	Complete Genome Sequence of Acinetobacter baumannii CIP 70.10, a Susceptible Reference Strain for Comparative Genome Analyses. <i>Genome Announcements</i> , 2015 , 3,		9
78	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
77	Characterization of FosL1, a Plasmid-Encoded Fosfomycin Resistance Protein Identified in Escherichia coli. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	9
76	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
75	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

74	Cross-Border Emergence of Escherichia coli Producing the Carbapenemase NDM-5 in Switzerland and Germany. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	9
73	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
72	Rapid immunochromatography-based detection of carbapenemase producers. <i>Infection</i> , 2019 , 47, 673-675	3.5	8
71	Functional Characterization of a Miniature Inverted Transposable Element at the Origin of Gene Acquisition in Escherichia coli. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	8
70	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
69	Performances of the Rapid Polymyxin and Tests for Colistin Susceptibility Testing. <i>Microbial Drug Resistance</i> , 2019 , 25, 520-523	2.9	8
68	Increased Resistance to Carbapenems in Mediated by Amplification of the -Carrying and IS-Associated Class 1 Integron. <i>Microbial Drug Resistance</i> , 2019 , 25, 663-667	2.9	7
67	Concomitant and multiclonal dissemination of OXA-48-producing Klebsiella pneumoniae in a Spanish hospital. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1734-6	5.1	7
66	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
65	Evaluation of resazurin-based rapid test to detect colistin resistance in Acinetobacter baumannii isolates. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019 , 38, 2159-2162	5.3	7
64	Emergence of OXA-72-producing Acinetobacter pittii clinical isolates. <i>International Journal of Antimicrobial Agents</i> , 2014 , 43, 195-6	14.3	7
63	Crystal Structure of the Pseudomonas aeruginosa BEL-1 Extended-Spectrum β-Lactamase and Its Complexes with Moxalactam and Imipenem. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 7189-7195	5.9	7
62	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
61	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
60	PFM-Like Enzymes Are a Novel Family of Subclass B2 Metallo-β-Lactamases from Pseudomonas synxantha Belonging to the Pseudomonas fluorescens Complex. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	6
59	Colistin-resistant carbapenemase-producing isolates among Klebsiella spp. and Acinetobacter baumannii in Tripoli, Libya. <i>Journal of Global Antimicrobial Resistance</i> , 2018 , 13, 37-39	3.4	6
58	Rapid Polymyxin/Pseudomonas NP test for rapid detection of polymyxin susceptibility/resistance in Pseudomonas aeruginosa. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020 , 39, 1657-1662	5.3	6
57	KPC-Mediated Resistance to Ceftazidime-Avibactam and Collateral Effects in Klebsiella pneumoniae. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0089021	5.9	6

56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	A phage-based decolonisation strategy against pan-resistant enterobacterial strains. <i>Lancet Infectious Diseases</i> , 2020 , 20, 525-526	25.5	4
45	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
44	Co-production of MCR-1 and extended-spectrum β -lactamase in <i>Escherichia coli</i> recovered from urinary tract infections in Switzerland. <i>Infection</i> , 2018 , 46, 143-144	5.8	4
43	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
42	Increased colistin resistance upon acquisition of the plasmid-mediated mcr-1 gene in <i>Escherichia coli</i> isolates with chromosomally encoded reduced susceptibility to polymyxins. <i>International Journal of Antimicrobial Agents</i> , 2017 , 50, 503-504	14.3	4
41	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
40	False Immunological Detection of CTX-M Enzymes in <i>Klebsiella oxytoca</i> . <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	4
39	Antioxidant Molecules as a Source of Mitigation of Antibiotic Resistance Gene Dissemination. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	4

38	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
37	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
36	Transposition of Tn Encoding the PER-1 Extended-Spectrum β Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	3
35	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
34	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
33	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
32	<i>Klebsiella pneumoniae</i> co-producing KPC and RmtG, finally targeting Switzerland. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 90, 151-152	2.9	3
31	New Delhi Metallo- β Lactamase-Producing Enterobacterales Bacteria, Switzerland, 2019-2020. <i>Emerging Infectious Diseases</i> , 2021 , 27, 2628-2637	10.2	3
30	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
29	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
28	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
27	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
26	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
25	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
24	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
23	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
22	Does an Antibiotic Stewardship Applied in a Pig Farm Lead to Low ESBL Prevalence?. <i>Antibiotics</i> , 2021 , 10,	4.9	2
21	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

20	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
19	Consensus on β -Lactamase Nomenclature.. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , e0033322	5.9	2
18	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
17	Complete Genome Sequence of the Clinical Strain <i>Acinetobacter baumannii</i> R2090 Carrying the Chromosomally Encoded Metallo- β -Lactamase Gene blaNDM-1. <i>Genome Announcements</i> , 2015 , 3,		1
16	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
15	Hypervirulent <i>Klebsiella pneumoniae</i> ST23 producing OXA-48 in Switzerland. <i>International Journal of Antimicrobial Agents</i> , 2021 , 58, 106457	14.3	1
14	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
13	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
12	NDM-Type Carbapenemases in Gram-Negative Rods 2015 , 897-913		0
11	Comment on: Optimization of the rapid carbapenem inactivation method for use with AmpC hyperproducers.. <i>Journal of Antimicrobial Chemotherapy</i> , 2022 ,	5.1	0
10	as possible source of the integron- and plasmid-mediated fosfomycin resistance gene .. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , aac0222721	5.9	0
9	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
8	Selective screening culture medium for fosfomycin resistance in. <i>Journal of Clinical Microbiology</i> , 2021 , JCM0206321	9.7	0
7	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
6	Evaluation of SuperCAZ/AVI \square Medium for Screening Ceftriaxime-avibactam Resistant Gram-negative Isolates. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021 , 101, 115475	2.9	0
5	Infections Due to NDM-1 Producers 2014 , 273-293		
4	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	
3	A Selective Culture Medium for Screening Carbapenem Resistance in spp. <i>Microbial Drug Resistance</i> , 2021 , 27, 1355-1359	2.9	

- 2 MCR-like protein from *Kosakonia sacchari*, an environmental Enterobacterales. *Journal of Global Antimicrobial Resistance*, **2021**, 25, 339-340 34
- 1 Reduced chlorhexidine susceptibility is associated with tetracycline resistance genes in clinical isolates of .. *Antimicrobial Agents and Chemotherapy*, **2022**, AAC0197221 59