Laurent Poirel

List of Publications by Year
in descending order

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407 papers	45,079 citations	1614 105 h-index	2509 196 g-index
414 all docs	414 docs citations	414 times ranked	19718 citing authors

#	Article	IF	Citations
1	Selective Culture Medium for Screening of Fosfomycin Resistance in Enterobacterales. Journal of Clinical Microbiology, 2022, 60, JCM0206321.	3.9	4
2	Comment on: Optimization of the rapid carbapenem inactivation method for use with AmpC hyperproducers. Journal of Antimicrobial Chemotherapy, 2022, , .	3.0	1
3	Aliidiomarina shirensis as Possible Source of the Integron- and Plasmid-Mediated Fosfomycin Resistance Gene fosC2. Antimicrobial Agents and Chemotherapy, 2022, 66, aac0222721.	3.2	2
4	Co-resistance to ceftazidime-avibactam and cefiderocol in clinical isolates producing KPC variants. European Journal of Clinical Microbiology and Infectious Diseases, 2022, 41, 677-680.	2.9	26
5	Fosfomycin as a salvage therapy for treating urinary tract infections due to multidrug-resistant Escherichia coli. European Journal of Clinical Microbiology and Infectious Diseases, 2022, 41, 689-690.	2.9	1
6	Increasing Trends of Association of 16S rRNA Methylases and Carbapenemases in Enterobacterales Clinical Isolates from Switzerland, 2017â€“2020. Microorganisms, 2022, 10, 615.	3.6	8
7	Reduced Chlorhexidine Susceptibility Is Associated with Tetracycline Resistance tet Genes in Clinical Isolates of Escherichia coli. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0197221.	3.2	5
8	Impact of Acquired Broad-Spectrum Î²-Lactamases on Susceptibility to Cefiderocol and Newly Developed Î²-Lactam/Î²-Lactamase Inhibitor Combinations in Escherichia coli and Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2022, 66, e0003922.	3.2	43
9	Consensus on Î²-Lactamase Nomenclature. Antimicrobial Agents and Chemotherapy, 2022, 66, e0033322.	3.2	11
10	Co-Lateral Effect of Octenidine, Chlorhexidine and Colistin Selective Pressures on Four Enterobacterial Species: A Comparative Genomic Analysis. Antibiotics, 2022, 11, 50.	3.7	4
11	Molecular Characterization of Extended-Spectrum ÃŸ-lactamase Producers, Carbapenemase Producers, Polymyxin-Resistant, and Fosfomycin-Resistant Enterobacterales Among Pigs from Egypt. Journal of Global Antimicrobial Resistance, 2022, , .	2.2	6
12	KPC-3-Producing Klebsiella pneumoniae Sequence Type 392 from a Dogâ€™s Clinical Isolate in Portugal. Microbiology Spectrum, 2022, 10, .	3.0	2
13	Evaluation of novel immunological rapid test (K.N.I.V.O. Detection K-Set) for rapid detection of carbapenemase producers in multidrug-resistant gram negatives. Diagnostic Microbiology and Infectious Disease, 2022, 104, 115761.	1.8	3
14	Cross-reaction of naturally-produced Î²-lactamases from Citrobacter farmeri and Citrobacter amalonaticus with immunological detection of CTX-M enzymes. Diagnostic Microbiology and Infectious Disease, 2022, , 115760.	1.8	0
15	NDM-35-Producing ST167 Escherichia coli Highly Resistant to Î²-Lactams Including Cefiderocol. Antimicrobial Agents and Chemotherapy, 2022, 66, .	3.2	11
16	Screening and Characterization of Multidrug-Resistant Enterobacterales among Hospitalized Patients in the African Archipelago of Cape Verde. Microorganisms, 2022, 10, 1426.	3.6	2
17	Rapid ESBL NP Test for Rapid Detection of Expanded-Spectrum Î²-Lactamase Producers in Enterobacterales. Microbial Drug Resistance, 2021, 27, 1131-1135.	2.0	12
18	Rapid detection of carbapenemase-producing Pseudomonas spp. using the NitroSpeed-Carba NP test. Diagnostic Microbiology and Infectious Disease, 2021, 99, 115280.	1.8	5

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19	Genomic Features of MCR-1 and Extended-Spectrum Î²-Lactamase-Producing Enterobacterales from Retail Raw Chicken in Egypt. Microorganisms, 2021, 9, 195.	3.6	19
20	Cross-Border Emergence of Escherichia coli Producing the Carbapenemase NDM-5 in Switzerland and Germany. Journal of Clinical Microbiology, 2021, 59, .	3.9	35
21	Diarrhea in an infant due to Shigella flexneri 1 carrying multiple cephalosporinase-encoding genes. Gut Pathogens, 2021, 13, 18.	3.4	1
22	A Selective Culture Medium for Screening Carbapenem Resistance in Pseudomonas spp.. Microbial Drug Resistance, 2021, 27, 1355-1359.	2.0	1
23	Does an Antibiotic Stewardship Applied in a Pig Farm Lead to Low ESBL Prevalence?. Antibiotics, 2021, 10, 574.	3.7	10
24	False Immunological Detection of CTX-M Enzymes in Klebsiella oxytoca. Journal of Clinical Microbiology, 2021, 59, .	3.9	7
25	Rapid ResaImipenem/Acinetobacter NP Test for Detection of Carbapenem Susceptibility/Resistance in Acinetobacter baumannii. Journal of Clinical Microbiology, 2021, 59, .	3.9	6
26	RapidResa Polymyxin Acinetobacter NPÂ® Test for Rapid Detection of Polymyxin Resistance in Acinetobacter baumannii. Antibiotics, 2021, 10, 558.	3.7	1
27	Antioxidant Molecules as a Source of Mitigation of Antibiotic Resistance Gene Dissemination. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	8
28	MCR-like protein from Kosakonia sacchari, an environmental Enterobacterales. Journal of Global Antimicrobial Resistance, 2021, 25, 339-340.	2.2	0
29	Lack of association between colistin resistance and chlorhexidine reduced susceptibility in clinical isolates of Escherichia coli. Journal of Antimicrobial Chemotherapy, 2021, 76, 2736-2737.	3.0	3
30	Occurrence of Aztreonam-Avibactam-Resistant NDM-5-Producing Escherichia coli in the Food Chain. Antimicrobial Agents and Chemotherapy, 2021, 65, e0088221.	3.2	4
31	KPC-Mediated Resistance to Ceftazidime-Avibactam and Collateral Effects in Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2021, 65, e0089021.	3.2	34
32	Contribution of PER-Type and NDM-Type Î²-Lactamases to Cefiderocol Resistance in Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2021, 65, e0087721.	3.2	68
33	New Delhi Metallo-Î²-Lactamaseâ€“Producing Enterobacterales Bacteria, Switzerland, 2019â€“2020. Emerging Infectious Diseases, 2021, 27, 2628-2637.	4.3	14
34	Evaluation of SuperCAZ/AVIÂ® Medium for Screening Ceftazidime-avibactam Resistant Gram-negative Isolates. Diagnostic Microbiology and Infectious Disease, 2021, 101, 115475.	1.8	2
35	Hypervirulent Klebsiella pneumoniae ST23 producing OXA-48 in Switzerland. International Journal of Antimicrobial Agents, 2021, 58, 106457.	2.5	4
36	A Patient With Multiple Carbapenemase Producers Including an Unusual Citrobacter sedlakii Hosting an IncC blaNDM-1- and armA-carrying Plasmid. Pathogens and Immunity, 2021, 6, 119-134.	3.1	5

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37	International circulation of aztreonam/avibactam-resistant NDM-5-producing Escherichia coli isolates: successful epidemic clones. Journal of Global Antimicrobial Resistance, 2021, 27, 326-328.	2.2	7
38	Occurrence of CTX-M-15- and MCR-1-producing Enterobacterales in pigs in Portugal: Evidence of direct links with antibiotic selective pressure. International Journal of Antimicrobial Agents, 2020, 55, 105802.	2.5	49
39	Wide spread of carbapenemase-producing bacterial isolates in a Nigerian environment. Journal of Global Antimicrobial Resistance, 2020, 21, 321-323.	2.2	12
40	Eradication of a Multidrug-Resistant, Carbapenemase-Producing Klebsiella pneumoniae Isolate Following Oral and Intra-rectal Therapy With a Custom Made, Lytic Bacteriophage Preparation. Clinical Infectious Diseases, 2020, 70, 1998-2001.	5.8	84
41	A Standard Numbering Scheme for Class C Î²-Lactamases. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	50
42	Optimal detection of extended-spectrum Î²-lactamase producers, carbapenemase producers, polymyxin-resistant Enterobacterales, and vancomycin-resistant enterococci from stools. Diagnostic Microbiology and Infectious Disease, 2020, 96, 114919.	1.8	7
43	In-vitro evaluation of a dual carbapenem combination against carbapenemase-producing Acinetobacter baumannii. Journal of Infection, 2020, 80, 121-142.	3.3	22
44	Intestinal carriage of extended-spectrum beta-lactamaseâ€“producing Enterobacteriaceae at admission in a Portuguese hospital. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 783-790.	2.9	16
45	Draft genome sequence of an mcr-1/IncI2-carrying multidrug-resistant Escherichia coli B1:ST101 isolated from meat and meat products in Egypt. Journal of Global Antimicrobial Resistance, 2020, 20, 41-42.	2.2	19
46	High Colonization Rate and Heterogeneity of ESBL- and Carbapenemase-Producing Enterobacteriaceae Isolated from Gull Feces in Lisbon, Portugal. Microorganisms, 2020, 8, 1487.	3.6	10
47	Epidemiology of extended-spectrum Î²-lactamase-producing Enterobacteriaceae among healthcare students, at the Portuguese Red Cross Health School of Lisbon, Portugal. Journal of Global Antimicrobial Resistance, 2020, 22, 733-737.	2.2	6
48	Implementation and evaluation of methods for the optimal detection of carbapenem-resistant and colistin-resistant Pseudomonas aeruginosa and Acinetobacter baumannii from stools. Diagnostic Microbiology and Infectious Disease, 2020, 98, 115121.	1.8	4
49	Genetic characterisation of NDM-1 and NDM-5-producing Enterobacterales from retail chicken meat in Egypt. Journal of Global Antimicrobial Resistance, 2020, 23, 70-71.	2.2	9
50	Fast and reliable detection of carbapenemase genes in various Gram negatives using a new commercially available fluorescence-based real-time polymerase chain reaction platform. Diagnostic Microbiology and Infectious Disease, 2020, 98, 115127.	1.8	5
51	First Genomic Characterization of blaVIM-1 and mcr-9-Coharbouring Enterobacter hormaechei Isolated from Food of Animal Origin. Pathogens, 2020, 9, 687.	2.8	21
52	Pathogenicity Genomic Island-Associated CrpP-Like Fluoroquinolone-Modifying Enzymes among Pseudomonas aeruginosa Clinical Isolates in Europe. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	13
53	PFM-Like Enzymes Are a Novel Family of Subclass B2 Metallo-Î²-Lactamases from Pseudomonas synxantha Belonging to the Pseudomonas fluorescens Complex. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	13
54	The type I-E CRISPR-Cas system influences the acquisition of bla _{KPC} -IncF plasmid in Klebsiella pneumonia. Emerging Microbes and Infections, 2020, 9, 1011-1022.	6.5	33

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55	KPC-50 Confers Resistance to Ceftazidime-Avibactam Associated with Reduced Carbapenemase Activity. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	32
56	High-risk KPC-producing Klebsiella pneumoniae lack type I R-M systems. International Journal of Antimicrobial Agents, 2020, 56, 106050.	2.5	8
57	A phage-based decolonisation strategy against pan-resistant enterobacterial strains. Lancet Infectious Diseases, The, 2020, 20, 525-526.	9.1	7
58	A Selective Culture Medium for Screening Ceftazidime-Avibactam Resistance in Enterobacterales and Pseudomonas aeruginosa. Journal of Clinical Microbiology, 2020, 58, .	3.9	9
59	NitroSpeed-Carba NP Test for Rapid Detection and Differentiation between Different Classes of Carbapenemases in Enterobacterales. Journal of Clinical Microbiology, 2020, 58, .	3.9	18
60	Occurrence of NDM-1-producing Morganella morganii and Proteus mirabilis in a single patient in Portugal: probable in vivo transfer by conjugation. Journal of Antimicrobial Chemotherapy, 2020, 75, 903-906.	3.0	24
61	Emergence of colistin-resistant Gram-negative Enterobacterales in the gut of patients receiving oral colistin and neomycin decontamination. Journal of Infection, 2020, 80, 578-606.	3.3	5
62	Characterization of FosL1, a Plasmid-Encoded Fosfomycin Resistance Protein Identified in Escherichia coli. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	18
63	Epidemiology of carbapenemase-producing Klebsiella pneumoniae in northern Portugal: Predominance of KPC-2 and OXA-48. Journal of Global Antimicrobial Resistance, 2020, 22, 349-353.	2.2	31
64	Ongoing dissemination of OXA-244 carbapenemase-producing Escherichia coli in Switzerland and their detection. Diagnostic Microbiology and Infectious Disease, 2020, 97, 115059.	1.8	12
65	IS Ecp1 -Mediated Transposition Leads to Fosfomycin and Broad-Spectrum Cephalosporin Resistance in Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	8
66	Rapid Polymyxin/Pseudomonas NP test for rapid detection of polymyxin susceptibility/resistance in Pseudomonas aeruginosa. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 1657-1662.	2.9	15
67	Genetic Features Leading to Reduced Susceptibility to Aztreonam-Avibactam among Metallo-Î²-Lactamase-Producing Escherichia coli Isolates. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	41
68	Crisis of emerging antibiotic resistances mirroring that of the COVID-19 in the age of globalisation. Swiss Medical Weekly, 2020, 150, w20402.	1.6	2
69	Evaluation of resazurin-based rapid test to detect colistin resistance in Acinetobacter baumannii isolates. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 2159-2162.	2.9	14
70	Characterization of PAN-1, a Carbapenem-Hydrolyzing Class B Î²-Lactamase From the Environmental Gram-Negative Pseudobacteriovorax antillogorgiicola. Frontiers in Microbiology, 2019, 10, 1673.	3.5	5
71	Molecular characterization of multidrug-resistance in Gram-negative bacteria from the Peshawar teaching hospital, Pakistan. New Microbes and New Infections, 2019, 32, 100605.	1.6	15
72	Epidemiology of Carbapenemase-Producing Klebsiella pneumoniae in a Hospital, Portugal. Emerging Infectious Diseases, 2019, 25, 1632-1638.	4.3	52

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73	Identification of FosA8, a Plasmid-Encoded Fosfomycin Resistance Determinant from Escherichia coli, and Its Origin in Leclercia adecarboxylata. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	26
74	Full Genome Sequence of pT3, a Multiresistant Plasmid Carrying the mcr-3.5 Colistin Resistance Gene, Recovered from an Extended-Spectrum-Î²-Lactamase-Producing Escherichia coli Isolate from Crickets Sold as Food. Microbiology Resource Announcements, 2019, 8, .	0.6	4
75	Cooccurrence of NDM-1, ESBL, RmtC, AAC(6â€²)-Ib, and QnrB in Clonally Related Klebsiella pneumoniae Isolates Together with Coexistence of CMY-4 and AAC(6â€²)-Ib in Enterobacter cloacae Isolates from Saudi Arabia. BioMed Research International, 2019, 2019, 1-7.	1.9	13
76	Phenotypic, Biochemical, and Genetic Analysis of KPC-41, a KPC-3 Variant Conferring Resistance to Ceftazidime-Avibactam and Exhibiting Reduced Carbapenemase Activity. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	53
77	Increased Resistance to Carbapenems inProteus mirabilisMediated by Amplification of thebla_{VIM-1}-Carrying and IS26-Associated Class 1 Integron. Microbial Drug Resistance, 2019, 25, 663-667.	2.0	18
78	mcr-9 , an Inducible Gene Encoding an Acquired Phosphoethanolamine Transferase in Escherichia coli, and Its Origin. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	131
79	Rapid immunochromatography-based detection of carbapenemase producers. Infection, 2019, 47, 673-675.	4.7	13
80	Functional Characterization of a Miniature Inverted Transposable Element at the Origin of mcr-5 Gene Acquisition in Escherichia coli. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	13
81	ESBLs and resistance to ceftazidime/avibactam and ceftolozane/tazobactam combinations in Escherichia coli and Pseudomonas aeruginosa. Journal of Antimicrobial Chemotherapy, 2019, 74, 1934-1939.	3.0	82
82	Non-typhoidal Salmonella blood stream infection in Kuwait: Clinical and microbiological characteristics. PLoS Neglected Tropical Diseases, 2019, 13, e0007293.	3.0	13
83	A selective culture medium for screening linezolid-resistant gram-positive bacteria. Diagnostic Microbiology and Infectious Disease, 2019, 95, 1-4.	1.8	7
84	Colistin resistance in Parisian inpatient faecal Escherichia coli as the result of two distinct evolutionary pathways. Journal of Antimicrobial Chemotherapy, 2019, 74, 1521-1530.	3.0	65
85	Prevalence of fosfomycin resistance among ESBL-producing Escherichia coli isolates in the community, Switzerland. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 945-949.	2.9	28
86	Multiple colonization with carbapenem-resistant Gram-negative bacteria acquired in India and transferred to Switzerland. Infection, 2019, 47, 669-671.	4.7	1
87	ZHO-1, an intrinsic MBL from the environmental Gram-negative species Zhongshania aliphaticivorans. Journal of Antimicrobial Chemotherapy, 2019, 74, 1568-1571.	3.0	5
88	Epidemiology and Diagnostics of Carbapenem Resistance in Gram-negative Bacteria. Clinical Infectious Diseases, 2019, 69, S521-S528.	5.8	388
89	Epidemiology and antimicrobial resistance of methicillin-resistant Staphylococcus aureus isolates colonizing pigs with different exposure to antibiotics. PLoS ONE, 2019, 14, e0225497.	2.5	18
90	CTX-M-33 Is a CTX-M-15 Derivative Conferring Reduced Susceptibility to Carbapenems. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	17

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91	A Resazurin Reduction-Based Assay for Rapid Detection of Polymyxin Resistance in Acinetobacter baumannii and Pseudomonas aeruginosa. Journal of Clinical Microbiology, 2019, 57, .	3.9	43
92	Rapid Detection of Fosfomycin Resistance in Escherichia coli. Journal of Clinical Microbiology, 2019, 57, .	3.9	25
93	Acquisition of Extended-Spectrum Î²-Lactamase GES-6 Leading to Resistance to Ceftolozane-Tazobactam Combination in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	21
94	Performances of the Rapid Polymyxin Acinetobacter and Pseudomonas Tests for Colistin Susceptibility Testing. Microbial Drug Resistance, 2019, 25, 520-523.	2.0	12
95	Complete Genome Sequencing of Acinetobacter baumannii Strain K50 Discloses the Large Conjugative Plasmid pK50a Encoding Carbapenemase OXA-23 and Extended-Spectrum Î²-Lactamase GES-11. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	46
96	Evaluation of three broth microdilution systems to determine colistin susceptibility of Gram-negative bacilli. Journal of Antimicrobial Chemotherapy, 2018, 73, 1272-1278.	3.0	43
97	Resistome Analysis of a Carbapenemase (OXA-48)-Producing and Colistin-Resistant Klebsiella pneumoniae Strain. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	8
98	Colistin-resistant carbapenemase-producing isolates among Klebsiella spp. and Acinetobacter baumannii in Tripoli, Libya. Journal of Global Antimicrobial Resistance, 2018, 13, 37-39.	2.2	13
99	Integrase-Mediated Recombination of the bel-1 Gene Cassette Encoding the Extended-Spectrum Î²-Lactamase BEL-1. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	3
100	A culture medium for screening 16S rRNA methylase-producing pan-aminoglycoside resistant Gram-negative bacteria. Diagnostic Microbiology and Infectious Disease, 2018, 91, 118-122.	1.8	7
101	High Rate of Association of 16S rRNA Methylases and Carbapenemases in Enterobacteriaceae Recovered from Hospitalized Children in Angola. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	26
102	Emergence of an MDR Klebsiella pneumoniae ST231 producing OXA-232 and RmtF in Switzerland. Journal of Antimicrobial Chemotherapy, 2018, 73, 821-823.	3.0	37
103	Ceftazidime/avibactam alone or in combination with aztreonam against colistin-resistant and carbapenemase-producing Klebsiella pneumoniae. Journal of Antimicrobial Chemotherapy, 2018, 73, 542-544.	3.0	69
104	Transposition of Tn 1213 Encoding the PER-1 Extended-Spectrum Î²-Lactamase. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	4
105	Carbapenemase-Producing Organisms: A Global Scourge. Clinical Infectious Diseases, 2018, 66, 1290-1297.	5.8	397
106	Rapid multiplex polymerase chain reaction for detection of mcr-1 to mcr-5 genes. Diagnostic Microbiology and Infectious Disease, 2018, 92, 267-269.	1.8	51
107	Genetic and Functional Characterization of an MCR-3-Like Enzyme-Producing Escherichia coli Isolate Recovered from Swine in Brazil. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	34
108	Co-production of MCR-1 and extended-spectrum Î²-lactamase in Escherichia coli recovered from urinary tract infections in Switzerland. Infection, 2018, 46, 143-144.	4.7	4

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109	CHROMagar mSuperCARBA and RAPIDECÂ® Carba NP test for detection of carbapenemase-producing Enterobacteriaceae. Diagnostic Microbiology and Infectious Disease, 2018, 90, 77-80.	1.8	16
110	Rapid Polymyxin NP test for the detection of polymyxin resistance mediated by the mcr-1/mcr-2 genes. Diagnostic Microbiology and Infectious Disease, 2018, 90, 7-10.	1.8	36
111	Klebsiella pneumoniae co-producing KPC and RmtG, finally targeting Switzerland. Diagnostic Microbiology and Infectious Disease, 2018, 90, 151-152.	1.8	9
112	Stability of cefiderocol against clinically significant broad-spectrum oxacillinases. International Journal of Antimicrobial Agents, 2018, 52, 866-867.	2.5	42
113	Detection of colistin-resistant Gram-negative rods by using the SuperPolymyxin medium. Diagnostic Microbiology and Infectious Disease, 2018, 92, 95-101.	1.8	12
114	Evaluation of the Rapid Polymyxin NP test and its industrial version for the detection of polymyxin-resistant Enterobacteriaceae. Diagnostic Microbiology and Infectious Disease, 2018, 92, 90-94.	1.8	24
115	Screening and Characterization of Multidrug-Resistant Gram-Negative Bacteria from a Remote African Area, SÃ£o TomÃ© and PrÃncipe. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	25
116	Antimicrobial Resistance inEscherichia coli. Microbiology Spectrum, 2018, 6, .	3.0	406
117	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. International Journal of Antimicrobial Agents, 2018, 52, 740-741.	2.5	10
118	Rapid Aminoglycoside NP Test for Rapid Detection of Multiple Aminoglycoside Resistance in Enterobacteriaceae. Journal of Clinical Microbiology, 2017, 55, 1074-1079.	3.9	9
119	Characterization of BRP _{MBL} , the Bleomycin Resistance Protein Associated with the Carbapenemase NDM. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	22
120	Recent advances in biochemical and molecular diagnostics for the rapid detection of antibiotic-resistantEnterobacteriaceae: a focus on ÃŸ-lactam resistance. Expert Review of Molecular Diagnostics, 2017, 17, 327-350.	3.1	42
121	Polymyxins: Antibacterial Activity, Susceptibility Testing, and Resistance Mechanisms Encoded by Plasmids or Chromosomes. Clinical Microbiology Reviews, 2017, 30, 557-596.	13.6	1,044
122	Lack of polymyxin resistance among carbapenemase-producing Enterobacteriaceae in a university hospital in China. Infectious Diseases, 2017, 49, 556-557.	2.8	8
123	In Vitro Study of IS Apl1 -Mediated Mobilization of the Colistin Resistance Gene mcr-1. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	79
124	Evaluation of the RAPIDECÂ® CARBA NP and Î²-CARBAÂ® tests for rapid detection of Carbapenemase-producing Enterobacteriaceae. Diagnostic Microbiology and Infectious Disease, 2017, 88, 293-297.	1.8	44
125	Hafnia, an enterobacterial genus naturally resistant to colistin revealed by three susceptibility testing methods. Journal of Antimicrobial Chemotherapy, 2017, 72, 2507-2511.	3.0	29
126	FRI-2 carbapenemase-producing Enterobacter cloacae complex in the UK. Journal of Antimicrobial Chemotherapy, 2017, 72, 2478-2482.	3.0	23

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127	Moraxella Species as Potential Sources of MCR-Like Polymyxin Resistance Determinants. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	71
128	Transferability of the mcr-1 Colistin Resistance Gene. Microbial Drug Resistance, 2017, 23, 813-814.	2.0	28
129	Screening for fecal carriage of MCR-producing Enterobacteriaceae in healthy humans and primary care patients. Antimicrobial Resistance and Infection Control, 2017, 6, 28.	4.1	46
130	Antimicrobial activity of octenidine against multidrug-resistant Gram-negative pathogens. European Journal of Clinical Microbiology and Infectious Diseases, 2017, 36, 2379-2383.	2.9	38
131	High-Level Resistance to Colistin Mediated by Various Mutations in the crrB Gene among Carbapenemase-Producing Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	53
132	Increased colistin resistance upon acquisition of the plasmid-mediated mcr-1 gene in Escherichia coli isolates with chromosomally encoded reduced susceptibility to polymyxins. International Journal of Antimicrobial Agents, 2017, 50, 503-504.	2.5	6
133	Plazomicin activity against polymyxin-resistant Enterobacteriaceae, including MCR-1-producing isolates. Journal of Antimicrobial Chemotherapy, 2017, 72, 2787-2791.	3.0	39
134	MCR-2-mediated plasmid-borne polymyxin resistance most likely originates from Moraxella pluranimalium. Journal of Antimicrobial Chemotherapy, 2017, 72, 2947-2949.	3.0	45
135	Occurrence of carbapenemase-producing Klebsiella pneumoniae and Escherichia coli in the European survey of carbapenemase-producing Enterobacteriaceae (EuSCAPE): a prospective, multinational study. Lancet Infectious Diseases, The, 2017, 17, 153-163.	9.1	522
136	Key features of mcr-1-bearing plasmids from Escherichia coli isolated from humans and food. Antimicrobial Resistance and Infection Control, 2017, 6, 91.	4.1	64
137	High Rate of MCR-1â€“Producing Escherichia coli and Klebsiella pneumoniae among Pigs, Portugal. Emerging Infectious Diseases, 2017, 23, 2023-2029.	4.3	75
138	Prevalence of faecal carriage of colistin-resistant Gram-negative rods in a university hospital in western France, 2016. Journal of Medical Microbiology, 2017, 66, 842-843.	1.8	24
139	Rapid Detection of Polymyxin Resistance inEnterobacteriaceae. Emerging Infectious Diseases, 2016, 22, 1038-1043.	4.3	163
140	National survey of colistin resistance among carbapenemase-producing Enterobacteriaceae and outbreak caused by colistin-resistant OXA-48-producing Klebsiella pneumoniae, France, 2014. Eurosurveillance, 2016, 21, .	7.0	58
141	Emergence of plasmid-mediated colistin resistance (MCR-1) among Escherichia coli isolated from South African patients. South African Medical Journal, 2016, 106, 449.	0.6	59
142	Emerging plasmid-encoded colistin resistance: the animal world as the culprit?. Journal of Antimicrobial Chemotherapy, 2016, 71, 2326-2327.	3.0	58
143	Plasmid-Mediated Colistin-ResistantEscherichia coliin Bacteremia in Switzerland. Clinical Infectious Diseases, 2016, 62, 1322-1323.	5.8	55
144	Real-time PCR for detection of plasmid-mediated polymyxin resistance (mcr-1) from cultured bacteria and stools. Journal of Antimicrobial Chemotherapy, 2016, 71, 2318-2320.	3.0	84

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145	Genetic Features of MCR-1-Producing Colistin-Resistant Escherichia coli Isolates in South Africa. Antimicrobial Agents and Chemotherapy, 2016, 60, 4394-4397.	3.2	135
146	Crystal Structure of the Pseudomonas aeruginosa BEL-1 Extended-Spectrum Î²-Lactamase and Its Complexes with Moxalactam and Imipenem. Antimicrobial Agents and Chemotherapy, 2016, 60, 7189-7199.	3.2	9
147	Transposition of Tn 125 Encoding the NDM-1 Carbapenemase in Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2016, 60, 7245-7251.	3.2	69
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