

Alessandra Carattoli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5324970/publications.pdf>

Version: 2024-02-01

186
papers

22,065
citations

15504

65
h-index

9589

142
g-index

193
all docs

193
docs citations

193
times ranked

14026
citing authors

#	ARTICLE	IF	CITATIONS
1	Spread of hypervirulent multidrug-resistant ST147 <i>Klebsiella pneumoniae</i> in patients with severe COVID-19: an observational study from Italy, 2020–21. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 1140-1145.	3.0	20
2	Interplay between <i>Klebsiella pneumoniae</i> producing KPC-31 and KPC-3 under treatment with high dosage meropenem: a case report. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2022, 41, 495-500.	2.9	10
3	Colistin Resistance Mechanisms in Human <i>Salmonella</i> Enterica Strains Isolated by the National Surveillance Enter-Net Italia (2016–2018). <i>Antibiotics</i> , 2022, 11, 102.	3.7	8
4	Consensus on β -Lactamase Nomenclature. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0033322.	3.2	11
5	An outbreak sustained by ST15 <i>Klebsiella pneumoniae</i> carrying 16S rRNA methyltransferases and bla _{NDM} : evaluation of the global dissemination of these resistance determinants. <i>International Journal of Antimicrobial Agents</i> , 2022, 60, 106615.	2.5	2
6	Virulence plasmid pINV as a genetic signature for <i>Shigella flexneri</i> phylogeny. <i>Microbial Genomics</i> , 2022, 8, .	2.0	3
7	Contemporary IncI1 plasmids involved in the transmission and spread of antimicrobial resistance in Enterobacteriaceae. <i>Plasmid</i> , 2021, 118, 102392.	1.4	67
8	SARS-CoV-2 diagnostics in the virology laboratory of a University Hospital in Rome during the lockdown period. <i>Journal of Medical Virology</i> , 2021, 93, 886-891.	5.0	12
9	<i>Klebsiella pneumoniae</i> infections in COVID-19 patients: a 2-month retrospective analysis in an Italian hospital. <i>International Journal of Antimicrobial Agents</i> , 2021, 57, 106245.	2.5	42
10	Meropenem-Vaborbactam as Salvage Therapy for Ceftazidime-Avibactam-, Cefiderocol-Resistant ST-512 <i>Klebsiella pneumoniae</i> Producing KPC-31, a D179Y Variant of KPC-3. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab141.	0.9	36
11	An XDR <i>Proteus vulgaris</i> isolate hosting a novel bla _{NDM-1} - and armA-carrying plasmid. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1938-1941.	3.0	1
12	Molecular epidemiology of NDM-5-producing <i>Escherichia coli</i> high-risk clones identified in two Italian hospitals in 2017-2019. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115399.	1.8	12
13	Evolutionary Trajectories toward Ceftazidime-Avibactam Resistance in <i>Klebsiella pneumoniae</i> Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0057421.	3.2	41
14	Antibiotic Resistance and Mobile Genetic Elements in Extensively Drug-Resistant <i>Klebsiella pneumoniae</i> Sequence Type 147 Recovered from Germany. <i>Antibiotics</i> , 2020, 9, 675.	3.7	19
15	A Multispecies Cluster of VIM-1 Carbapenemase-Producing Enterobacteriales Linked by a Novel, Highly Conjugative, and Broad-Host-Range IncA Plasmid Forebodes the Reemergence of VIM-1. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	18
16	Novel Insights and Features of the NDM-5-Producing <i>Escherichia coli</i> Sequence Type 167 High-Risk Clone. <i>MSphere</i> , 2020, 5, .	2.9	39
17	Investigating the use of bacteriophages as a new decolonization strategy for intestinal carriage of CTX-M-15-producing ST131 <i>Escherichia coli</i> : An in vitro continuous culture system model. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 664-671.	2.2	11
18	In vitro activity of fosfomycin against mucoid and non-mucoid <i>Pseudomonas aeruginosa</i> strains. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 20, 328-331.	2.2	5

#	ARTICLE	IF	CITATIONS
19	Whole-Genome Characterization of a <i>Shewanella</i> algae Strain Coharboring <i>bla</i> CTX-M-15 and <i>armA</i> Genes on a Novel IncC Plasmid. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	4
20	PlasmidFinder and In Silico pMLST: Identification and Typing of Plasmid Replicons in Whole-Genome Sequencing (WGS). <i>Methods in Molecular Biology</i> , 2020, 2075, 285-294.	0.9	268
21	Plasmid Typing and Classification. <i>Methods in Molecular Biology</i> , 2020, 2075, 309-321.	0.9	17
22	Extremely drug-resistant NDM-9-producing ST147 <i>Klebsiella pneumoniae</i> causing infections in Italy, May 2020. <i>Eurosurveillance</i> , 2020, 25, .	7.0	36
23	Advancing biological hazards risk assessment. <i>EFSA Journal</i> , 2019, 17, e170714.	1.8	3
24	Epidemic IncX3 plasmids spreading carbapenemase genes in the United Arab Emirates and worldwide. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 1729-1742.	2.7	52
25	Interplay among IncA and <i>bla</i> KPC-Carrying Plasmids in <i>Citrobacter freundii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	12
26	Genomics of <i>Klebsiella pneumoniae</i> ST16 producing NDM-1, CTX-M-15, and OXA-232. <i>Clinical Microbiology and Infection</i> , 2019, 25, 385.e1-385.e5.	6.0	35
27	Emergence of NDM-5-producing <i>Escherichia coli</i> sequence type 167 clone in Italy. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 76-81.	2.5	56
28	Outbreak of ST395 KPC-Producing <i>Klebsiella pneumoniae</i> in a Neonatal Intensive Care Unit in Palermo, Italy. <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 496-498.	1.8	17
29	Multiplex PCR for detection of plasmid-mediated colistin resistance determinants, <i>mcr-1</i> , <i>mcr-2</i> , <i>mcr-3</i> , <i>mcr-4</i> and <i>mcr-5</i> for surveillance purposes. <i>Eurosurveillance</i> , 2018, 23, .	7.0	431
30	Editorial. <i>Plasmid</i> , 2018, 99, 1.	1.4	0
31	Detection of <i>mcr-4</i> positive <i>Salmonella enterica</i> serovar Typhimurium in clinical isolates of human origin, Italy, October to November 2016. <i>Eurosurveillance</i> , 2018, 23, .	7.0	37
32	Comparative analysis of an <i>mcr-4</i> <i>Salmonella enterica</i> subsp. <i>enterica</i> monophasic variant of human and animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3332-3335.	3.0	12
33	Human <i>Campylobacteriosis</i> in Italy: Emergence of Multi-Drug Resistance to Ciprofloxacin, Tetracycline, and Erythromycin. <i>Frontiers in Microbiology</i> , 2018, 9, 1906.	3.5	49
34	Mobile colistin resistance genes in <i>Escherichia coli</i> from pigs affected by colibacillosis. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 744-746.	2.5	9
35	Comparative analysis of the standard PCR-Based Replicon Typing (PBRT) with the commercial PBRT-KIT. <i>Plasmid</i> , 2017, 90, 10-14.	1.4	43
36	Characterization of NDM-7 Carbapenemase-Producing <i>Escherichia coli</i> Isolates in the Arabian Peninsula. <i>Microbial Drug Resistance</i> , 2017, 23, 871-878.	2.0	41

#	ARTICLE	IF	CITATIONS
37	ST405 NDM-5 producing <i>Escherichia coli</i> in Northern Italy: the first two clinical cases. <i>Clinical Microbiology and Infection</i> , 2017, 23, 489-490.	6.0	28
38	Circulation of <i>bla</i> KPC-3 -Carrying IncX3 Plasmids among <i>Citrobacter freundii</i> Isolates in an Italian Hospital. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	19
39	Genetic Environment of the <i>bla</i> KPC-2 Gene in a <i>Klebsiella pneumoniae</i> Isolate That May Have Been Imported to Russia from Southeast Asia. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	8
40	<i>Klebsiella pneumoniae</i> : a major worldwide source and shuttle for antibiotic resistance. <i>FEMS Microbiology Reviews</i> , 2017, 41, 252-275.	8.6	760
41	Plasmids Carrying <i>bla</i> CMY -2/4 in <i>Escherichia coli</i> from Poultry, Poultry Meat, and Humans Belong to a Novel IncK Subgroup Designated IncK2. <i>Frontiers in Microbiology</i> , 2017, 08, 407.	3.5	48
42	Diversity, virulence, and antimicrobial resistance of the KPC-producing <i>Klebsiella pneumoniae</i> ST307 clone. <i>Microbial Genomics</i> , 2017, 3, e000110.	2.0	122
43	Novel plasmid-mediated colistin resistance <i>mcr-4</i> gene in <i>Salmonella</i> and <i>Escherichia coli</i> , Italy 2013, Spain and Belgium, 2015 to 2016. <i>Eurosurveillance</i> , 2017, 22, .	7.0	450
44	Complete Genome Sequence of KPC-3- and CTX-M-15-Producing <i>Klebsiella pneumoniae</i> Sequence Type 307. <i>Genome Announcements</i> , 2016, 4, .	0.8	21
45	Travelers Can Import Colistin-Resistant Enterobacteriaceae, Including Those Possessing the Plasmid-Mediated <i>mcr-1</i> Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5080-5084.	3.2	81
46	<i>Escherichia coli</i> : an old friend with new tidings. <i>FEMS Microbiology Reviews</i> , 2016, 40, 437-463.	8.6	225
47	Double Copies of <i>bla</i> KPC-3::Tn4401a on an IncX3 Plasmid in <i>Klebsiella pneumoniae</i> Successful Clone ST512 from Italy. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 646-649.	3.2	26
48	Isolation of KPC 3-producing <i>Enterobacter aerogenes</i> in a patient colonized by MDR <i>Klebsiella pneumoniae</i> . <i>New Microbiologica</i> , 2016, 39, 310-313.	0.1	1
49	Differentiation of IncL and IncM Plasmids Associated with the Spread of Clinically Relevant Antimicrobial Resistance. <i>PLoS ONE</i> , 2015, 10, e0123063.	2.5	169
50	Integration of <i>erm</i> (B)-containing elements through large chromosome fragment exchange in <i>Clostridium difficile</i> . <i>Mobile Genetic Elements</i> , 2015, 5, 12-16.	1.8	7
51	Characterization of an <i>Enterobacter cloacae</i> Strain Producing both KPC and NDM Carbapenemases by Whole-Genome Sequencing. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6625-6628.	3.2	38
52	A novel plasmid carrying <i>bla</i> CTX-M-15 identified in commensal <i>Escherichia coli</i> from healthy pregnant women in Ibadan, Nigeria. <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 9-12.	2.2	25
53	IncA/C Plasmid Carrying <i>bla</i> NDM-1 , <i>bla</i> CMY-16 , and <i>fosA3</i> in a <i>Salmonella enterica</i> Serovar Corvallis Strain Isolated from a Migratory Wild Bird in Germany. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6597-6600.	3.2	72
54	Complete sequences of IncHI1 plasmids carrying <i>bla</i> CTX-M-1 and <i>qnrS1</i> in equine <i>Escherichia coli</i> provide new insights into plasmid evolution. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2388-2393.	3.0	44

#	ARTICLE	IF	CITATIONS
55	<i>In Silico</i> Detection and Typing of Plasmids using PlasmidFinder and Plasmid Multilocus Sequence Typing. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3895-3903.	3.2	3,558
56	High Prevalence of Extended-Spectrum β -Lactamase, Plasmid-Mediated AmpC, and Carbapenemase Genes in Pet Food. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6320-6323.	3.2	8
57	High Prevalence of <i>oxyAB</i> in <i>Escherichia coli</i> Isolates from Domestic and Wild Lagomorphs in Italy. <i>Microbial Drug Resistance</i> , 2014, 20, 118-123.	2.0	34
58	Genomics of KPC-Producing <i>Klebsiella pneumoniae</i> Sequence Type 512 Clone Highlights the Role of RamR and Ribosomal S10 Protein Mutations in Conferring Tigecycline Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1707-1712.	3.2	114
59	Long-Term Dissemination of CTX-M-5-Producing Hypermutable <i>Salmonella enterica</i> Serovar Typhimurium Sequence Type 328 Strains in Russia, Belarus, and Kazakhstan. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5202-5210.	3.2	20
60	Emergence of <i>Klebsiella pneumoniae</i> co-producing NDM-1, OXA-48, CTX-M-15, CMY-16, QnrA and ArmA in Switzerland. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 260-262.	2.5	56
61	Evolution of Plasmids and Evolution of Virulence and Antibiotic-Resistance Plasmids. , 2014, , 155-165.		1
62	Patient risk factors for outer membrane permeability and KPC-producing carbapenem-resistant <i>Klebsiella pneumoniae</i> isolation: results of a double case-control study. <i>Infection</i> , 2013, 41, 61-67.	4.7	57
63	Molecular characterization of multiresistant <i>Escherichia coli</i> producing or not extended-spectrum β -lactamases. <i>BMC Microbiology</i> , 2013, 13, 84.	3.3	24
64	Reversion to susceptibility of a carbapenem-resistant clinical isolate of <i>Klebsiella pneumoniae</i> producing KPC-3. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2482-2486.	3.0	46
65	High rate of colistin resistance among patients with carbapenem-resistant <i>Klebsiella pneumoniae</i> infection accounts for an excess of mortality. <i>Clinical Microbiology and Infection</i> , 2013, 19, E23-E30.	6.0	256
66	Complete Sequence of the IncT-Type Plasmid pT-OXA-181 Carrying the <i>bla</i> _{OXA-181} Carbapenemase Gene from <i>Citrobacter freundii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1965-1967.	3.2	46
67	Plasmids and the spread of resistance. <i>International Journal of Medical Microbiology</i> , 2013, 303, 298-304.	3.6	765
68	IncII plasmids associated with the spread of CMY-2, CTX-M-1 and SHV-12 in <i>Escherichia coli</i> of animal and human origin. <i>Clinical Microbiology and Infection</i> , 2013, 19, E238-E240.	6.0	55
69	Tandem multiplication of the IS ₂₆ -flanked amplicon with the <i>bla</i> _{SHV-5} gene within plasmid p1658/97. <i>FEMS Microbiology Letters</i> , 2013, 341, 27-36.	1.8	23
70	Characterization of IncN plasmids carrying <i>bla</i> _{CTX-M-1} and <i>qnr</i> genes in <i>Escherichia coli</i> and <i>Salmonella</i> from animals, the environment and humans. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 333-339.	3.0	83
71	Plasmid Content of a Clinically Relevant <i>Klebsiella pneumoniae</i> Clone from the Czech Republic Producing CTX-M-15 and QnrB1. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1073-1076.	3.2	54
72	Complete sequencing of an IncHII 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, 34-39.	3.0	123

#	ARTICLE	IF	CITATIONS
73	Public Health Risks of Enterobacterial Isolates Producing Extended-Spectrum $\hat{\text{A}}$ -Lactamases or AmpC $\hat{\text{A}}$ -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, 1030-1037.	5.8	225
74	Comparative Genomics of IncL/M-Type Plasmids: Evolution by Acquisition of Resistance Genes and Insertion Sequences. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 674-676.	3.2	60
75	Isolation of NDM-1-producing <i>Pseudomonas aeruginosa</i> sequence type ST235 from a stem cell transplant patient in Italy, May 2013. <i>Eurosurveillance</i> , 2013, 18, .	7.0	31
76	Evolution of IncA/C <i>bla</i> _{CMY-2} -Carrying Plasmids by Acquisition of the <i>bla</i> _{NDM-1} Carbapenemase Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 783-786.	3.2	124
77	<i>Klebsiella pneumoniae</i> ST258 Producing KPC-3 Identified in Italy Carries Novel Plasmids and OmpK36/OmpK35 Porin Variants. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2143-2145.	3.2	169
78	Complete sequencing of an IncH plasmid carrying the <i>bla</i> _{NDM-1} , <i>bla</i> _{CTX-M-15} and <i>qnrB1</i> genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1645-1650.	3.0	114
79	Characterization of an IncFII Plasmid Encoding NDM-1 from <i>Escherichia coli</i> ST131. <i>PLoS ONE</i> , 2012, 7, e34752.	2.5	111
80	Expansion of the IncX plasmid family for improved identification and typing of novel plasmids in drug-resistant Enterobacteriaceae. <i>Plasmid</i> , 2012, 68, 43-50.	1.4	260
81	First Report on IncN Plasmid-Mediated Quinolone Resistance Gene <i>qnrS1</i> in Porcine <i>Escherichia coli</i> in Europe. <i>Microbial Drug Resistance</i> , 2011, 17, 567-573.	2.0	27
82	Plasmids in Gram negatives: Molecular typing of resistance plasmids. <i>International Journal of Medical Microbiology</i> , 2011, 301, 654-658.	3.6	204
83	Deciphering the Multifactorial Nature of <i>Acinetobacter baumannii</i> Pathogenicity. <i>PLoS ONE</i> , 2011, 6, e22674.	2.5	196
84	Risk factors and clinical significance of ertapenem-resistant <i>Klebsiella pneumoniae</i> in hospitalised patients. <i>Journal of Hospital Infection</i> , 2011, 78, 54-58.	2.9	54
85	Comparative genomics and phylogeny of the IncI1 plasmids: A common plasmid type among porcine enterotoxigenic <i>Escherichia coli</i> . <i>Plasmid</i> , 2011, 66, 144-151.	1.4	66
86	The genomics of <i>Acinetobacter baumannii</i> : Insights into genome plasticity, antimicrobial resistance and pathogenicity. <i>IUBMB Life</i> , 2011, 63, 1068-1074.	3.4	157
87	Distribution of Intrinsic Plasmid Replicase Genes and Their Association with Carbapenem-Hydrolyzing Class D $\hat{\text{A}}$ -Lactamase Genes in European Clinical Isolates of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2154-2159.	3.2	62
88	Plasmid-mediated quinolone resistance and $\hat{\text{A}}$ -lactamases in <i>Escherichia coli</i> from healthy animals from Nigeria. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1269-1272.	3.0	84
89	Multilocus sequence typing of IncN plasmids. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1987-1991.	3.0	101
90	Decreased Susceptibility to Ciprofloxacin among <i>Shigella</i> isolates in the United States, 2006 to 2009. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1758-1760.	3.2	45

#	ARTICLE	IF	CITATIONS
91	Ciprofloxacin-resistant, CTX-M-15-producing <i>Escherichia coli</i> ST131 clone in extraintestinal infections in Italy. <i>Clinical Microbiology and Infection</i> , 2010, 16, 1555-1558.	6.0	49
92	Characterization and PCR-Based Replicon Typing of Resistance Plasmids in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4168-4177.	3.2	232
93	Plasmid double locus sequence typing for IncHI2 plasmids, a subtyping scheme for the characterization of IncHI2 plasmids carrying extended-spectrum β -lactamase and quinolone resistance genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1155-1161.	3.0	119
94	An Ertapenem-Resistant Extended-Spectrum- β -Lactamase-Producing <i>Klebsiella pneumoniae</i> Clone Carries a Novel OmpK36 Porin Variant. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4178-4184.	3.2	110
95	Replicon sequence typing of IncF plasmids carrying virulence and resistance determinants. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 2518-2529.	3.0	598
96	A novel IncQ plasmid type harbouring a class 3 integron from <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1594-1598.	3.0	51
97	Identification and Characterization of CTX-M-Producing <i>Shigella</i> Isolates in the United States. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 2269-2270.	3.2	19
98	Complete nucleotide sequence of the IncN plasmid pKOX105 encoding VIM-1, QnrS1 and SHV-12 proteins in Enterobacteriaceae from Bolzano, Italy compared with IncN plasmids encoding KPC enzymes in the USA. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 2070-2075.	3.0	63
99	Characterization of Extended-Spectrum Cephalosporin-Resistant <i>Salmonella enterica</i> Serovar Heidelberg Isolated from Humans in the United States. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 181-187.	1.8	58
100	Detection of <i>gyrA</i> and <i>gyrB</i> mutations in <i>Clostridium difficile</i> isolates by real-time PCR. <i>Molecular and Cellular Probes</i> , 2010, 24, 61-67.	2.1	14
101	Novel genetic environment of plasmid-mediated quinolone resistance gene <i>qnrB2</i> in <i>Salmonella</i> Bredeney from poultry. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 1332-1334.	3.0	8
102	First Report of Plasmid-Mediated Quinolone Resistance Determinant <i>qnrS1</i> in an <i>Escherichia coli</i> Strain of Animal Origin in Italy. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3112-3114.	3.2	42
103	Characterization of plasmids harbouring <i>qnrS1</i> , <i>qnrB2</i> and <i>qnrB19</i> genes in <i>Salmonella</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 274-281.	3.0	249
104	Conjugative Transferability of the A/C Plasmids from <i>Salmonella enterica</i> Isolates That Possess or Lack <i>bla</i> _{CMY} in the A/C Plasmid Backbone. <i>Foodborne Pathogens and Disease</i> , 2009, 6, 1185-1194.	1.8	50
105	Complete Nucleotide Sequences of Plasmids pEK204, pEK499, and pEK516, Encoding CTX-M Enzymes in Three Major <i>Escherichia coli</i> Lineages from the United Kingdom, All Belonging to the International O25:H4-ST131 Clone. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4472-4482.	3.2	256
106	Resistance Plasmid Families in Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2227-2238.	3.2	1,065
107	In vitro activity of tigecycline and comparators against carbapenem-susceptible and resistant <i>Acinetobacter baumannii</i> clinical isolates in Italy. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2008, 7, 4.	3.8	38
108	Animal reservoirs for extended spectrum β -lactamase producers. <i>Clinical Microbiology and Infection</i> , 2008, 14, 117-123.	6.0	351

#	ARTICLE	IF	CITATIONS
109	Fieldable genotyping of <i>Bacillus anthracis</i> and <i>Yersinia pestis</i> based on 25-loci Multi Locus VNTR Analysis. <i>BMC Microbiology</i> , 2008, 8, 21.	3.3	36
110	Variation in expression of HMW1 and HMW2 adhesins in invasive nontypeable <i>Haemophilus influenzae</i> isolates. <i>BMC Microbiology</i> , 2008, 8, 83.	3.3	25
111	Protective activity and immunogenicity of two recombinant anthrax vaccines for veterinary use. <i>Vaccine</i> , 2008, 26, 5684-5688.	3.8	18
112	Dissemination of CTX-M-15 $\hat{\beta}$ -Lactamase Genes Carried on Inc FI and FII Plasmids among Clinical Isolates of <i>Escherichia coli</i> in a University Hospital in Istanbul, Turkey. <i>Journal of Clinical Microbiology</i> , 2008, 46, 1110-1112.	3.9	48
113	<i>Acinetobacter radioresistens</i> as a Silent Source of Carbapenem Resistance for <i>Acinetobacter</i> spp. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1252-1256.	3.2	190
114	Multilocus sequence typing of IncI1 plasmids carrying extended-spectrum $\hat{\beta}$ -lactamases in <i>Escherichia coli</i> and <i>Salmonella</i> of human and animal origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 1229-1233.	3.0	236
115	Molecular Epidemiology of <i>Escherichia coli</i> Producing Extended-Spectrum $\hat{\beta}$ -Lactamases Isolated in Rome, Italy. <i>Journal of Clinical Microbiology</i> , 2008, 46, 103-108.	3.9	112
116	Whole-Genome Pyrosequencing of an Epidemic Multidrug-Resistant <i>Acinetobacter baumannii</i> Strain Belonging to the European Clone II Group. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2616-2625.	3.2	240
117	<i>Escherichia coli</i> of animal origin in Norway contains a blaTEM-20-carrying plasmid closely related to blaTEM-20 and blaTEM-52 plasmids from other European countries. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 63, 215-216.	3.0	23
118	Prevalence of qnr genes among extended-spectrum $\hat{\beta}$ -lactamase-producing enterobacterial isolates in Barcelona, Spain. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 291-295.	3.0	96
119	Dissemination of Clonally Related <i>Escherichia coli</i> Strains Expressing Extended-Spectrum $\hat{\beta}$ -Lactamase CTX-M-15. <i>Emerging Infectious Diseases</i> , 2008, 14, 195-200.	4.3	672
120	Population Structure and Resistance Genes in Antibiotic-Resistant Bacteria from a Remote Community with Minimal Antibiotic Exposure. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1179-1184.	3.2	91
121	Optimization of High-Resolution Melting Analysis for Low-Cost and Rapid Screening of Allelic Variants of <i>Bacillus anthracis</i> by Multiple-Locus Variable-Number Tandem Repeat Analysis. <i>Clinical Chemistry</i> , 2007, 53, 1377-1380.	3.2	38
122	Multicopy bla 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, 2324-2328.	3.2	106
123	Characterization of the IncA/C plasmid pCC416 encoding VIM-4 and CMY-4 $\hat{\beta}$ -lactamases. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 60, 258-262.	3.0	30
124	Comparative Analysis of IncHI2 Plasmids Carrying <i>bla</i> _{CTX-M-2} or <i>bla</i> _{CTX-M-9} from <i>Escherichia coli</i> and <i>Salmonella enterica</i> Strains Isolated from Poultry and Humans. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4177-4180.	3.2	61
125	Extended-Spectrum $\hat{\beta}$ -Lactamase CTX-M-1 in <i>Escherichia coli</i> Isolates from Healthy Poultry in France. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4681-4685.	3.1	133
126	Detection of resistance to rifampicin and decreased susceptibility to penicillin in <i>Neisseria meningitidis</i> by real-time multiplex polymerase chain reaction assay. <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 58, 241-244.	1.8	4

#	ARTICLE	IF	CITATIONS
127	Dissemination of an Extended-Spectrum- \hat{I}^2 -Lactamase <i>bla</i> _{TEM-52} Gene-Carrying IncI1 Plasmid in Various <i>Salmonella enterica</i> Serovars Isolated from Poultry and Humans in Belgium and France between 2001 and 2005. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1872-1875.	3.2	121
128	Outbreak of <i>Acinetobacter baumannii</i> Producing the Carbapenem-Hydrolyzing Oxacillinase OXA-58 in Rome, Italy. <i>Microbial Drug Resistance</i> , 2007, 13, 37-43.	2.0	22
129	S1 Plasmids in clinically-significant Gram-negative bacteria. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, S1.	2.5	1
130	Expanded-spectrum \hat{I}^2 -Lactamase and Plasmid-mediated Quinolone Resistance. <i>Emerging Infectious Diseases</i> , 2007, 13, 803-805.	4.3	38
131	Acquisition and diffusion of <i>bla</i> _{CTX-M-9} gene by R478-IncHI2 derivative plasmids. <i>FEMS Microbiology Letters</i> , 2007, 271, 71-77.	1.8	52
132	Sources of diversity of carbapenem resistance levels in <i>Klebsiella pneumoniae</i> carrying <i>bla</i> _{VIM-1} . <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 669-672.	3.0	71
133	Use of 65kDa mannoprotein gene primers in Real Time PCR identification of <i>Candida albicans</i> in biological samples. <i>Molecular and Cellular Probes</i> , 2006, 20, 263-268.	2.1	14
134	Replicon Typing of Plasmids Encoding Resistance to Newer \hat{I}^2 -Lactams. <i>Emerging Infectious Diseases</i> , 2006, 12, 1145-1148.	4.3	134
135	Antimicrobial resistance islands: resistance gene clusters in <i>Salmonella</i> chromosome and plasmids. <i>Microbes and Infection</i> , 2006, 8, 1923-1930.	1.9	57
136	Molecular genotyping of <i>Salmonella enterica</i> Abortusovis by pulsed field gel electrophoresis. <i>Veterinary Microbiology</i> , 2006, 116, 217-223.	1.9	12
137	Genotyping of <i>Bacillus anthracis</i> strains based on automated capillary 25-loci multiple locus variable-number tandem repeats analysis. <i>BMC Microbiology</i> , 2006, 6, 33.	3.3	151
138	Dissemination and Persistence of <i>bla</i> _{CTX-M-9} Are Linked to Class 1 Integrons Containing CR1 Associated with Defective Transposon Derivatives from Tn 402 Located in Early Antibiotic Resistance Plasmids of IncHI2, IncP1- \hat{I}^2 , and IncFI Groups. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2741-2750.	3.2	108
139	Replicon Typing of Plasmids Carrying CTX-M or CMY \hat{I}^2 -Lactamases Circulating among <i>Salmonella</i> and <i>Escherichia coli</i> Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 3203-3206.	3.2	185
140	First Report of the Carbapenem-Hydrolyzing Oxacillinase OXA-58 in <i>Acinetobacter baumannii</i> Isolates in Italy. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2268-2269.	3.2	24
141	Anthrax in animals and a farmer in Alto Adige, Italy. , 2006, 11, E060216.3.		6
142	Recombinant protein-based ELISA and immuno-cytochemical assay for the diagnosis of SARS. <i>Journal of Medical Virology</i> , 2005, 76, 137-142.	5.0	27
143	Generation of human antibody fragments recognizing distinct epitopes of the nucleocapsid (N) SARS-CoV protein using a phage display approach. <i>BMC Infectious Diseases</i> , 2005, 5, 73.	2.9	14
144	Extended-Spectrum \hat{I}^2 -Lactamases in <i>Escherichia coli</i> Isolated from Dogs and Cats in Rome, Italy, from 2001 to 2003. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 833-835.	3.2	133

#	ARTICLE	IF	CITATIONS
145	Comparison of multidrug resistance gene regions between two geographically unrelated <i>Salmonella</i> serotypes. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 558-561.	3.0	38
146	IS 26 -Associated In4-Type Integrons Forming Multiresistance Loci in Enterobacterial Plasmids. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3541-3543.	3.2	77
147	Integrons and Transposons on the <i>Salmonella enterica</i> Serovar Typhimurium Virulence Plasmid. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1194-1197.	3.2	51
148	Identification of plasmids by PCR-based replicon typing. <i>Journal of Microbiological Methods</i> , 2005, 63, 219-228.	1.6	2,131
149	Tetracycline and Streptomycin Resistance Genes, Transposons, and Plasmids in <i>Salmonella enterica</i> Isolates from Animals in Italy. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 903-908.	3.2	111
150	CMY-13, a Novel Inducible Cephalosporinase Encoded by an <i>Escherichia coli</i> Plasmid. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 3172-3174.	3.2	46
151	Plasmid-mediated florfenicol and ceftriaxone resistance encoded by the <i>floR</i> and <i>bla</i> CMY-2 genes in <i>Salmonella enterica</i> serovars Typhimurium and Newport isolated in the United States. <i>FEMS Microbiology Letters</i> , 2004, 233, 301-305.	1.8	36
152	Identification of ciprofloxacin-resistant <i>Campylobacter jejuni</i> and analysis of the <i>gyrA</i> gene by the LightCycler mutation assay. <i>Molecular and Cellular Probes</i> , 2004, 18, 255-261.	2.1	24
153	Plasmid-mediated florfenicol and ceftriaxone resistance encoded by the <i>floR</i> and <i>bla</i> CMY-2 genes in <i>Salmonella enterica</i> serovars Typhimurium and Newport isolated in the United States. <i>FEMS Microbiology Letters</i> , 2004, 233, 301-305.	1.8	14
154	Prediction of Decreased Susceptibility to Penicillin of <i>Neisseria meningitidis</i> Strains by Real-Time PCR. <i>Journal of Clinical Microbiology</i> , 2003, 41, 4666-4670.	3.9	22
155	Plasmid-mediated antimicrobial resistance in <i>Salmonella enterica</i> . <i>Current Issues in Molecular Biology</i> , 2003, 5, 113-22.	2.4	84
156	Composite Integron Array Generated by Insertion of an ORF341-Type Integron Within a Tn21-like Element. <i>Microbial Drug Resistance</i> , 2002, 8, 1-8.	2.0	31
157	Characterization of Plasmids Carrying CMY-2 from Expanded-Spectrum Cephalosporin-Resistant <i>Salmonella</i> Strains Isolated in the United States between 1996 and 1998. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 1269-1272.	3.2	139
158	Protocol for Real-Time PCR Identification of Anthrax Spores from Nasal Swabs after Broth Enrichment. <i>Journal of Clinical Microbiology</i> , 2002, 40, 3956-3963.	3.9	42
159	Antibiotic Resistance Genes and <i>Salmonella</i> Genomic Island 1 in <i>Salmonella enterica</i> Serovar Typhimurium Isolated in Italy. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 2821-2828.	3.2	72
160	Multidrug and Broad-Spectrum Cephalosporin Resistance among <i>Salmonella enterica</i> Serotype Enteritidis Clinical Isolates in Southern Italy. <i>Journal of Clinical Microbiology</i> , 2002, 40, 2662-2665.	3.9	41
161	Detection and Characterization of Class 1 Integrons in Enterohemorrhagic <i>Escherichia coli</i> . <i>Microbial Drug Resistance</i> , 2002, 8, 85-91.	2.0	25
162	Use of a LightCycler <i>gyrA</i> mutation assay for identification of ciprofloxacin-resistant <i>Campylobacter coli</i> . <i>FEMS Microbiology Letters</i> , 2002, 214, 87-93.	1.8	30

#	ARTICLE	IF	CITATIONS
163	Use of a LightCycler gyrA mutation assay for identification of ciprofloxacin-resistant <i>Campylobacter coli</i> . <i>FEMS Microbiology Letters</i> , 2002, 214, 87-93.	1.8	2
164	Expanding Drug Resistance through Integron Acquisition by IncFI Plasmids of <i>Salmonella enterica</i> Typhimurium. <i>Emerging Infectious Diseases</i> , 2001, 7, 444-447.	4.3	41
165	Importance of integrons in the diffusion of resistance. <i>Veterinary Research</i> , 2001, 32, 243-259.	3.0	214
166	Expanding Drug Resistance through Integron Acquisition by IncFI Plasmids of <i>Salmonella enterica</i> Typhimurium. <i>Emerging Infectious Diseases</i> , 2001, 7, 444-447.	4.3	26
167	Cytotoxin-associated gene A and vacuolating cytotoxin A in human isolates of <i>Helicobacter pylori</i> and their association with the clinical status of ulcer disease. <i>European Journal of Gastroenterology and Hepatology</i> , 2000, 12, 1207-1213.	1.6	10
168	Multiple-Antibiotic Resistance Mediated by Structurally Related IncL/M Plasmids Carrying an Extended-Spectrum β -Lactamase Gene and a Class 1 Integron. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2911-2914.	3.2	87
169	Inhibition of HIV-1 transcription by cyclopentenone prostaglandin A1 in Jurkat T lymphocytes. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2000, 14, 209-16.	0.7	1
170	Antibiotic Resistance Conferred by a Conjugative Plasmid and a Class I Integron in <i>Vibrio cholerae</i> O1 El Tor Strains Isolated in Albania and Italy. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 693-696.	3.2	96
171	Induction of the heat-shock response by antiviral prostaglandins in human cells infected with human immunodeficiency virus type 1. <i>FEBS Journal</i> , 1998, 256, 334-341.	0.2	12
172	Multidrug-Resistant <i>Salmonella enterica</i> Serotype Typhimurium Infections. <i>New England Journal of Medicine</i> , 1998, 339, 921-922.	27.0	7
173	Class 1 Integron-Borne Multiple-Antibiotic Resistance Carried by IncFI and IncL/M Plasmids in <i>Salmonella enterica</i> Serotype Typhimurium. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 3053-3058.	3.2	129
174	Inhibition of HIV-1 replication by cyclopentenone prostaglandins in acutely infected human cells. Evidence for a transcriptional block.. <i>Journal of Clinical Investigation</i> , 1996, 97, 1795-1803.	8.2	70
175	A chimeric light-regulated amino acid transport system allows the isolation of blue light regulator (blr) mutants of <i>Neurospora crassa</i> .. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 6612-6616.	7.1	29
176	Light and Development Regulate the Expression of the Albino-3 Gene in <i>Neurospora crassa</i> . <i>Developmental Biology</i> , 1995, 170, 626-635.	2.0	44
177	Molecular characterization of upstream regulatory sequences controlling the photoinduced expression of the albino-3 gene of <i>Neurospora crassa</i> . <i>Molecular Microbiology</i> , 1994, 13, 787-795.	2.5	69
178	Internal translational initiation in the mRNA from the <i>Neurospora crassa</i> albino-3 gene.. <i>Journal of Biological Chemistry</i> , 1994, 269, 26650-26654.	3.4	13
179	Internal translational initiation in the mRNA from the <i>Neurospora crassa</i> albino-3 gene. <i>Journal of Biological Chemistry</i> , 1994, 269, 26650-4.	3.4	12
180	Functional identification of al-3 from <i>Neurospora crassa</i> as the gene for geranylgeranyl pyrophosphate synthase by complementation with crt genes, in vitro characterization of the gene product and mutant analysis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 18, 245-251.	3.8	55

#	ARTICLE	IF	CITATIONS
181	Blue light regulated expression of geranylgeranyl pyrophosphate synthetase (Albino-3) gene in <i>Neurospora crassa</i> . , 1993, , 117-124.		7
182	Photoinduction of albino-3 gene expression in <i>Neurospora crassa</i> conidia. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1992, 15, 233-238.	3.8	12
183	The <i>Neurospora crassa</i> carotenoid biosynthetic gene (albino 3) reveals highly conserved regions among prenyltransferases.. <i>Journal of Biological Chemistry</i> , 1991, 266, 5854-5859.	3.4	101
184	The <i>Neurospora crassa</i> carotenoid biosynthetic gene (albino 3) reveals highly conserved regions among prenyltransferases. <i>Journal of Biological Chemistry</i> , 1991, 266, 5854-9.	3.4	89
185	Molecular cloning of a <i>Neurospora crassa</i> carotenoid biosynthetic gene (albino-3) regulated by blue light and the products of the white collar genes.. <i>Molecular and Cellular Biology</i> , 1989, 9, 1271-1276.	2.3	136
186	Molecular Cloning of a <i>Neurospora crassa</i> Carotenoid Biosynthetic Gene (Albino-3) Regulated by Blue Light and the Products of the White Collar Genes. <i>Molecular and Cellular Biology</i> , 1989, 9, 1271-1276.	2.3	51