

# Alessandra Carattoli

## List of Publications by Year in descending order

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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	<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
2	Identification of plasmids by PCR-based replicon typing. <i>Journal of Microbiological Methods</i> , 2005, 63, 219-228.	1.6	2,131
3	Resistance Plasmid Families in <i>Enterobacteriaceae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2227-2238.	3.2	1,065
4	Plasmids and the spread of resistance. <i>International Journal of Medical Microbiology</i> , 2013, 303, 298-304.	3.6	765
5	<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
6	Dissemination of Clonally Related <i>Escherichia coli</i> Strains Expressing Extended-Spectrum $\beta$ -Lactamase CTX-M-15. <i>Emerging Infectious Diseases</i> , 2008, 14, 195-200.	4.3	672
7	Replicon sequence typing of IncF plasmids carrying virulence and resistance determinants. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 2518-2529.	3.0	598
8	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
9	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
10	Animal reservoirs for extended spectrum $\beta$ -lactamase producers. <i>Clinical Microbiology and Infection</i> , 2008, 14, 117-123.	6.0	351
11	PlasmidFinder and <i>In Silico</i> 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
12	Expansion of the IncX plasmid family for improved identification and typing of novel plasmids in drug-resistant <i>Enterobacteriaceae</i> . <i>Plasmid</i> , 2012, 68, 43-50.	1.4	260
13	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
14	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
15	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
16	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
17	Multilocus sequence typing of IncI1 plasmids carrying extended-spectrum $\beta$ -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
18	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

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19	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
20	<i>Escherichia coli</i> : an old friend with new tidings. <i>FEMS Microbiology Reviews</i> , 2016, 40, 437-463.	8.6	225
21	Importance of integrons in the diffusion of resistance. <i>Veterinary Research</i> , 2001, 32, 243-259.	3.0	214
22	Plasmids in Gram negatives: Molecular typing of resistance plasmids. <i>International Journal of Medical Microbiology</i> , 2011, 301, 654-658.	3.6	204
23	Deciphering the Multifactorial Nature of <i>Acinetobacter baumannii</i> Pathogenicity. <i>PLoS ONE</i> , 2011, 6, e22674.	2.5	196
24	<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
25	Replicon Typing of Plasmids Carrying CTX-M or CMY $\hat{\text{2}}$ -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
26	<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
27	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
28	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
29	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
30	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
31	Molecular cloning of a <i>Neurospora crassa</i> carotenoid biosynthetic gene ( <i>albino-3</i> ) 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
32	Replicon Typing of Plasmids Encoding Resistance to Newer $\hat{\text{2}}$ -Lactams. <i>Emerging Infectious Diseases</i> , 2006, 12, 1145-1148.	4.3	134
33	Extended-Spectrum $\hat{\text{2}}$ -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
34	Extended-Spectrum $\hat{\text{2}}$ -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
35	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
36	Evolution of IncA/C <i>bla</i> <sub>CMY-2</sub> -Carrying Plasmids by Acquisition of the <i>bla</i> <sub>NDM-1</sub> Carbapenemase Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 783-786.	3.2	124

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37	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, 34-39.	3.0	123
38	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
39	Dissemination of an Extended-Spectrum- $\beta$ -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
40	Plasmid double locus sequence typing for IncHI2 plasmids, a subtyping scheme for the characterization of IncHI2 plasmids carrying extended-spectrum $\beta$ -lactamase and quinolone resistance genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1155-1161.	3.0	119
41	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
42	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
43	Molecular Epidemiology of <i>Escherichia coli</i> Producing Extended-Spectrum $\beta$ -Lactamases Isolated in Rome, Italy. <i>Journal of Clinical Microbiology</i> , 2008, 46, 103-108.	3.9	112
44	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
45	Characterization of an IncFII Plasmid Encoding NDM-1 from <i>Escherichia coli</i> ST131. <i>PLoS ONE</i> , 2012, 7, e34752.	2.5	111
46	An Ertapenem-Resistant Extended-Spectrum- $\beta$ -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
47	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- $\beta$ , and IncFI Groups. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2741-2750.	3.2	108
48	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, 2324-2328.	3.2	106
49	Multilocus sequence typing of IncN plasmids. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1987-1991.	3.0	101
50	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
51	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
52	Prevalence of <i>qnr</i> genes among extended-spectrum $\beta$ -lactamase-producing enterobacterial isolates in Barcelona, Spain. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 291-295.	3.0	96
53	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
54	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

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55	Multiple-Antibiotic Resistance Mediated by Structurally Related IncL/M Plasmids Carrying an Extended-Spectrum $\beta$ -Lactamase Gene and a Class 1 Integron. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2911-2914.	3.2	87
56	Plasmid-mediated quinolone resistance and $\beta$ -lactamases in <i>Escherichia coli</i> from healthy animals from Nigeria. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1269-1272.	3.0	84
57	Plasmid-mediated antimicrobial resistance in <i>Salmonella enterica</i> . <i>Current Issues in Molecular Biology</i> , 2003, 5, 113-22.	2.4	84
58	Characterization of IncN plasmids carrying bla <sub>CTX-M-1</sub> and qnr 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
59	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
60	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
61	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
62	IncA/C Plasmid Carrying <i>bla</i> <sub>NDM-1</sub> , <i>bla</i> <sub>CMY-16</sub> , 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
63	Sources of diversity of carbapenem resistance levels in <i>Klebsiella pneumoniae</i> carrying bla <sub>VIM-1</sub> . <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 669-672.	3.0	71
64	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
65	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
66	Contemporary Inc11 plasmids involved in the transmission and spread of antimicrobial resistance in Enterobacteriaceae. <i>Plasmid</i> , 2021, 118, 102392.	1.4	67
67	Comparative genomics and phylogeny of the Inc11 plasmids: A common plasmid type among porcine enterotoxigenic <i>Escherichia coli</i> . <i>Plasmid</i> , 2011, 66, 144-151.	1.4	66
68	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
69	Distribution of Intrinsic Plasmid Replicase Genes and Their Association with Carbapenem-Hydrolyzing Class D $\beta$ -Lactamase Genes in European Clinical Isolates of <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2154-2159.	3.2	62
70	Comparative Analysis of IncHI2 Plasmids Carrying <i>bla</i> <sub>CTX-M-2</sub> or <i>bla</i> <sub>CTX-M-9</sub> 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
71	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
72	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

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73	Antimicrobial resistance islands: resistance gene clusters in Salmonella chromosome and plasmids. <i>Microbes and Infection</i> , 2006, 8, 1923-1930.	1.9	57
74	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
75	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
76	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
77	Functional identification of <i>al-3</i> from <i>Neurospora crassa</i> as the gene for geranylgeranyl pyrophosphate synthase by complementation with <i>crt</i> 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
78	Inc11 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
79	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
80	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
81	Acquisition and diffusion of <i>bla</i> <sub>CTX-M-9</sub> gene by R478-IncHI2 derivative plasmids. <i>FEMS Microbiology Letters</i> , 2007, 271, 71-77.	1.8	52
82	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
83	Integrations 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
84	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
85	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
86	Conjugative Transferability of the A/C Plasmids from <i>Salmonella enterica</i> Isolates That Possess or Lack <i>bla</i> <sub>CMY</sub> in the A/C Plasmid Backbone. <i>Foodborne Pathogens and Disease</i> , 2009, 6, 1185-1194.	1.8	50
87	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
88	Human Campylobacteriosis in Italy: Emergence of Multi-Drug Resistance to Ciprofloxacin, Tetracycline, and Erythromycin. <i>Frontiers in Microbiology</i> , 2018, 9, 1906.	3.5	49
89	Dissemination of CTX-M-15 $\beta$ -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
90	Plasmids Carrying <i>bla</i> <sub>CMY-2/4</sub> 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

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91	CMY-13, a Novel Inducible Cephalosporinase Encoded by an Escherichia coli Plasmid. Antimicrobial Agents and Chemotherapy, 2004, 48, 3172-3174.	3.2	46
92	Reversion to susceptibility of a carbapenem-resistant clinical isolate of Klebsiella pneumoniae producing KPC-3. Journal of Antimicrobial Chemotherapy, 2013, 68, 2482-2486.	3.0	46
93	Complete Sequence of the IncT-Type Plasmid pT-OXA-181 Carrying the <i>bla</i> <sub>OXA-181</sub> Carbapenemase Gene from Citrobacter freundii. Antimicrobial Agents and Chemotherapy, 2013, 57, 1965-1967.	3.2	46
94	Decreased Susceptibility to Ciprofloxacin among Shigella isolates in the United States, 2006 to 2009. Antimicrobial Agents and Chemotherapy, 2011, 55, 1758-1760.	3.2	45
95	Light and Development Regulate the Expression of the Albino-3 Gene in Neurospora crassa. Developmental Biology, 1995, 170, 626-635.	2.0	44
96	Complete sequences of IncHI1 plasmids carrying blaCTX-M-1 and qnrS1 in equine Escherichia coli provide new insights into plasmid evolution. Journal of Antimicrobial Chemotherapy, 2014, 69, 2388-2393.	3.0	44
97	Comparative analysis of the standard PCR-Based Replicon Typing (PBRT) with the commercial PBRT-KIT. Plasmid, 2017, 90, 10-14.	1.4	43
98	Protocol for Real-Time PCR Identification of Anthrax Spores from Nasal Swabs after Broth Enrichment. Journal of Clinical Microbiology, 2002, 40, 3956-3963.	3.9	42
99	First Report of Plasmid-Mediated Quinolone Resistance Determinant <i>qnrS1</i> in an <i>Escherichia coli</i> Strain of Animal Origin in Italy. Antimicrobial Agents and Chemotherapy, 2009, 53, 3112-3114.	3.2	42
100	Klebsiella pneumoniae infections in COVID-19 patients: a 2-month retrospective analysis in an Italian hospital. International Journal of Antimicrobial Agents, 2021, 57, 106245.	2.5	42
101	Expanding Drug Resistance through Integron Acquisition by IncFI Plasmids of Salmonella enterica Typhimurium. Emerging Infectious Diseases, 2001, 7, 444-447.	4.3	41
102	Multidrug and Broad-Spectrum Cephalosporin Resistance among Salmonella enterica Serotype Enteritidis Clinical Isolates in Southern Italy. Journal of Clinical Microbiology, 2002, 40, 2662-2665.	3.9	41
103	Characterization of NDM-7 Carbapenemase-Producing <i>Escherichia coli</i> Isolates in the Arabian Peninsula. Microbial Drug Resistance, 2017, 23, 871-878.	2.0	41
104	Evolutionary Trajectories toward Ceftazidime-Avibactam Resistance in Klebsiella pneumoniae Clinical Isolates. Antimicrobial Agents and Chemotherapy, 2021, 65, e0057421.	3.2	41
105	Novel Insights and Features of the NDM-5-Producing Escherichia coli Sequence Type 167 High-Risk Clone. MSphere, 2020, 5, .	2.9	39
106	Comparison of multidrug resistance gene regions between two geographically unrelated Salmonella serotypes. Journal of Antimicrobial Chemotherapy, 2005, 55, 558-561.	3.0	38
107	Optimization of High-Resolution Melting Analysis for Low-Cost and Rapid Screening of Allelic Variants of Bacillus anthracis by Multiple-Locus Variable-Number Tandem Repeat Analysis. Clinical Chemistry, 2007, 53, 1377-1380.	3.2	38
108	Expanded-spectrum $\beta$ -Lactamase and Plasmid-mediated Quinolone Resistance. Emerging Infectious Diseases, 2007, 13, 803-805.	4.3	38

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109	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
110	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
111	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
112	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
113	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
114	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
115	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
116	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
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