

Rmy A Bonnini

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

136
papers

8,127
citations

38
h-index

89
g-index

147
ext. papers

9,802
ext. citations

6.9
avg, IF

6.36
L-index

#	Paper	IF	Citations
136	Specificities and Commonalities of Carbapenemase-Producing <i>Escherichia coli</i> Isolated in France from 2012 to 2015.. <i>MSystems</i> , 2022 , e0116921	7.6	0
135	Emergence of VIM-producing <i>Enterobacter cloacae</i> complex in France between 2015 and 2018.. <i>Journal of Antimicrobial Chemotherapy</i> , 2022 ,	5.1	1
134	<i>Bordetella hinzii</i> Pneumonia in Patient with SARS-CoV-2 Infection. <i>Emerging Infectious Diseases</i> , 2022 , 28, 844-847	10.2	
133	<i>Bordetella hinzii</i> Pneumonia in Patient with SARS-CoV-2 Infection.. <i>Emerging Infectious Diseases</i> , 2022 , 28, 844-847	10.2	1
132	Outbreak of CTX-M-15 Extended-Spectrum β -Lactamase-Producing ST394 in a French Intensive Care Unit Dedicated to COVID-19. <i>Pathogens</i> , 2021 , 10,	4.5	4
131	KPC-39-Mediated Resistance to Ceftazidime-Avibactam in a <i>Klebsiella pneumoniae</i> ST307 Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0116021	5.9	1
130	Genomic analysis of VIM-2-producing <i>Enterobacter hormaechei</i> subsp. <i>steigerwaltii</i> . <i>International Journal of Antimicrobial Agents</i> , 2021 , 57, 106285	14.3	1
129	Polyclonal Dissemination of NDM-1- and NDM-9-Producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in French Polynesia. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65,	5.9	1
128	activity of cefiderocol and comparators against isolates of Gram-negative pathogens from a range of infection sources: SIDERO-WT-2014-2018 studies in France. <i>JAC-Antimicrobial Resistance</i> , 2021 , 3, dlab081	2.9	0
127	Emergence and Polyclonal Dissemination of OXA-244-Producing <i>Escherichia coli</i> , France. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1206-1210	10.2	4
126	Outbreak of OXA-48-producing <i>Enterobacteriales</i> in a haematological ward associated with an uncommon environmental reservoir, France, 2016 to 2019. <i>Eurosurveillance</i> , 2021 , 26,	19.8	2
125	Biochemical characterization of OXA-244, an emerging OXA-48 variant with reduced β -lactam hydrolytic activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2021 , 76, 2024-2028	5.1	0
124	Optimization of the rapid carbapenem inactivation method for use with AmpC hyperproducers. <i>Journal of Antimicrobial Chemotherapy</i> , 2021 , 76, 2294-2301	5.1	2
123	Redefining the Origin and Evolution of Chromosomally Encoded in the Context of a Revised Taxonomy of Genus. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0242420	5.9	1
122	Azetidinimines as a novel series of non-covalent broad-spectrum inhibitors of β -lactamases with submicromolar activities against carbapenemases KPC-2 (class A), NDM-1 (class B) and OXA-48 (class D). <i>European Journal of Medicinal Chemistry</i> , 2021 , 219, 113418	6.8	5
121	Evaluation of the Novodiag CarbaR+, a Novel Integrated Sample to Result Platform for the Multiplex Qualitative Detection of Carbapenem and Colistin Resistance Markers. <i>Microbial Drug Resistance</i> , 2021 , 27, 170-178	2.9	4
120	Efficacy and safety of cefiderocol or best available therapy for the treatment of serious infections caused by carbapenem-resistant Gram-negative bacteria (CREDIBLE-CR): a randomised, open-label, multicentre, pathogen-focused, descriptive, phase 3 trial. <i>Lancet Infectious Diseases</i> , 2021 , 21, 226-240	25.5	147

119	Susceptibility Testing Is Key for the Success of Cefiderocol Treatment: A Retrospective Cohort Study. <i>Microorganisms</i> , 2021 , 9,	4.9	8
118	Detection and Characterization of VIM-52, a New Variant of VIM-1 from a Klebsiella pneumoniae Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0266020	5.9	
117	High prevalence of OXA-23 carbapenemase-producing among amoxicillin-clavulanate resistant isolates in France.. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , AAC0198321	5.9	0
116	Undetectable Production of the VIM-1 Carbapenemase in an Clinical Isolate.. <i>Frontiers in Microbiology</i> , 2021 , 12, 741972	5.7	0
115	Evaluation of the Revogene Carba C Assay for Detection and Differentiation of Carbapenemase-Producing Gram-Negative Bacteria. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	6
114	NMR Characterization of the Influence of Zinc(II) Ions on the Structural and Dynamic Behavior of the New Delhi Metallo- β -Lactamase-1 and on the Binding with Flavonols as Inhibitors. <i>ACS Omega</i> , 2020 , 5, 10466-10480	3.9	6
113	Screening of OXA-244 producers, a difficult-to-detect and emerging OXA-48 variant?. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 2120-2123	5.1	3
112	Role of Arginine 214 in the Substrate Specificity of OXA-48. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	8
111	Concomitant carriage of KPC-producing and non-KPC-producing Klebsiella pneumoniae ST512 within a single patient. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 2087-2092	5.1	5
110	A single Proteus mirabilis lineage from human and animal sources: a hidden reservoir of OXA-23 or OXA-58 carbapenemases in Enterobacterales. <i>Scientific Reports</i> , 2020 , 10, 9160	4.9	7
109	Detection of Colistin Resistance in Using MALDIxin Test on the Routine MALDI Biotyper Sirius Mass Spectrometer. <i>Frontiers in Microbiology</i> , 2020 , 11, 1141	5.7	5
108	Genetics of Acquired Antibiotic Resistance Genes in spp. <i>Frontiers in Microbiology</i> , 2020 , 11, 256	5.7	31
107	Substrate Specificity of OXA-48 after β - β Loop Replacement. <i>ACS Infectious Diseases</i> , 2020 , 6, 1032-1043	5.5	5
106	MCR-8 mediated colistin resistance in a carbapenem-resistant Klebsiella pneumoniae isolated from a repatriated patient from Morocco. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105920	14.3	7
105	First Occurrence of the OXA-198 Carbapenemase in. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	6
104	Stepwise evolution and convergent recombination underlie the global dissemination of carbapenemase-producing Escherichia coli. <i>Genome Medicine</i> , 2020 , 12, 10	14.4	17
103	Extended-spectrum resistance to β -lactams/ β -lactamase inhibitors (ESRI) evolved from low-level resistant Escherichia coli. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 77-85	5.1	9
102	Emergence of New Non-Clonal Group 258 High-Risk Clones among Klebsiella pneumoniae Carbapenemase-Producing K. pneumoniae Isolates, France. <i>Emerging Infectious Diseases</i> , 2020 , 26, 1212-1220	10.3	16

101	Different phenotypic expression of KPC β -lactamase variants and challenges in their detection. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 769-771	5.1	11
100	LMB-1 producing <i>Citrobacter freundii</i> from Argentina, a novel player in the field of MBLs. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105857	14.3	9
99	Characterisation of incompatibility groups and plasmid addiction systems in a collection of multiresistant-producing <i>Klebsiella pneumoniae</i> strains. <i>International Journal of Antimicrobial Agents</i> , 2020 , 55, 105855	14.3	
98	Carbapenemase-producing Enterobacterales outbreak: Another dark side of COVID-19. <i>American Journal of Infection Control</i> , 2020 , 48, 1533-1536	3.8	20
97	A Lateral Flow Immunoassay for the Rapid Identification of CTX-M-Producing Enterobacterales from Culture Plates and Positive Blood Cultures. <i>Diagnostics</i> , 2020 , 10,	3.8	12
96	Compassionate Use of Cefiderocol to Treat a Case of Prosthetic Joint Infection Due to Extensively Drug-Resistant. <i>Microorganisms</i> , 2020 , 8,	4.9	10
95	Optimization of the MALDixin test for the rapid identification of colistin resistance in <i>Klebsiella pneumoniae</i> using MALDI-TOF MS. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 110-116	5.1	13
94	Genetic Diversity, Biochemical Properties, and Detection Methods of Minor Carbapenemases in Enterobacterales. <i>Frontiers in Medicine</i> , 2020 , 7, 616490	4.9	6
93	Sequential emergence of colistin and rifampicin resistance in an OXA-72- producing outbreak strain of <i>Acinetobacter baumannii</i> . <i>International Journal of Antimicrobial Agents</i> , 2019 , 53, 669-673	14.3	6
92	Unravelling ceftazidime/avibactam resistance of KPC-28, a KPC-2 variant lacking carbapenemase activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2239-2246	5.1	31
91	ISAbal1-dependent overexpression of eptA in clinical strains of <i>Acinetobacter baumannii</i> resistant to colistin. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2544-2550	5.1	10
90	Development and Multicentric Validation of a Lateral Flow Immunoassay for Rapid Detection of MCR-1-Producing. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	12
89	Aztreonam plus Clavulanate, Tazobactam, or Avibactam for Treatment of Infections Caused by Metallo- β -lactamase-Producing Gram-Negative Bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	53
88	Genetic, Biochemical, and Structural Characterization of CMY-136 β -lactamase, a Peculiar CMY-2 Variant. <i>ACS Infectious Diseases</i> , 2019 , 5, 528-538	5.5	3
87	A 2.5-years within-patient evolution of a with acquisition of ceftolozane-tazobactam and ceftazidime-avibactam resistance upon treatment. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 ,	5.9	13
86	Biochemical and Structural Characterization of OXA-405, an OXA-48 Variant with Extended-Spectrum β -lactamase Activity. <i>Microorganisms</i> , 2019 , 8,	4.9	5
85	False-Positive Carbapenem-Hydrolyzing Confirmatory Tests Due to ACT-28, a Chromosomally Encoded AmpC with Weak Carbapenemase Activity from <i>Enterobacter kobei</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	12
84	Improvement of the Immunochromatographic NG-Test Carba 5 Assay for the Detection of IMP Variants Previously Undetected. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 64,	5.9	10

83	Detection of Colistin Resistance in Escherichia coli by Use of the MALDI Biotyper Sirius Mass Spectrometry System. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	22
82	Phylogeny, Resistome, and Virulome of Causing Biliary Tract Infections. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	1
81	Occurrence of carbapenemase-producing Enterobacteriaceae in Togo, West Africa. <i>International Journal of Antimicrobial Agents</i> , 2019 , 53, 530-532	14.3	6
80	Carbapenemase-producing Acinetobacter spp. from environmental sources in a hospital in French Polynesia. <i>Journal of Global Antimicrobial Resistance</i> , 2019 , 16, 81-82	3.4	3
79	Development and validation of a multiplex polymerase chain reaction assay for detection of the five families of plasmid-encoded colistin resistance. <i>International Journal of Antimicrobial Agents</i> , 2019 , 53, 302-309	14.3	16
78	Comparison of the Superpolymyxin and ChromID Colistin R Screening Media for the Detection of Colistin-Resistant from Spiked Rectal Swabs. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	10
77	Evaluation of the Amplidiag CarbaR+MCR Kit for Accurate Detection of Carbapenemase-Producing and Colistin-Resistant Bacteria. <i>Journal of Clinical Microbiology</i> , 2019 , 57,	9.7	13
76	Molecular characterization of plasmid-encoded Tripoli MBL 1 (TMB-1) in Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 42-47	5.1	7
75	Evaluation of the CRE and ESBL ELITe MGB kits for the accurate detection of carbapenemase- or CTX-M-producing bacteria. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 92, 1-7	2.9	15
74	Evaluation of the rapid carbapenem inactivation method (rCIM): a phenotypic screening test for carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 900-908	5.1	28
73	A multiplex lateral flow immunoassay for the rapid identification of NDM-, KPC-, IMP- and VIM-type and OXA-48-like carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 909-915	5.1	117
72	Evaluation of the Amplidiag CarbaR+VRE Kit for Accurate Detection of Carbapenemase-Producing Bacteria. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	12
71	A 4.5-Year Within-Patient Evolution of a Colistin-Resistant Klebsiella pneumoniae Carbapenemase-Producing K. pneumoniae Sequence Type 258. <i>Clinical Infectious Diseases</i> , 2018 , 67, 1388-1394	11.6	25
70	Molecular Characterization of OXA-198 Carbapenemase-Producing Pseudomonas aeruginosa Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	13
69	Genetic and Biochemical Characterization of OXA-519, a Novel OXA-48-Like β -Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	16
68	Diversity of Carbapenemase-Producing Escherichia coli Isolates in France in 2012-2013. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	32
67	MALDI-TOF for the rapid detection of carbapenemase-producing Enterobacteriaceae: comparison of the commercialized MBT STAR Carba IVD Kit with two in-house MALDI-TOF techniques and the RAPIDEC CARBA NP. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 2352-2359	5.1	40
66	Genomic Insights into Colistin-Resistant Klebsiella pneumoniae from a Tunisian Teaching Hospital. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	34

65	Genomic analysis of in vivo acquired resistance to colistin and rifampicin in <i>Acinetobacter baumannii</i> . <i>International Journal of Antimicrobial Agents</i> , 2018 , 51, 266-269	14.3	13
64	Rapid detection of colistin resistance in <i>Acinetobacter baumannii</i> using MALDI-TOF-based lipidomics on intact bacteria. <i>Scientific Reports</i> , 2018 , 8, 16910	4.9	31
63	Rapid detection and discrimination of chromosome- and MCR-plasmid-mediated resistance to polymyxins by MALDI-TOF MS in <i>Escherichia coli</i> : the MALDixin test. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 3359-3367	5.1	39
62	Outbreak of IMI-1 carbapenemase-producing colistin-resistant <i>Enterobacter cloacae</i> on the French island of Mayotte (Indian Ocean). <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 416-420	14.3	13
61	Whole-genome sequencing of NDM-1-producing ST85 <i>Acinetobacter baumannii</i> isolates from Tunisia. <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 916-921	14.3	13
60	Detection of GES-5 Carbapenemase in <i>Klebsiella pneumoniae</i> , a Newcomer in France. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	11
59	Performance of the Xpert Carba-R v2 in the daily workflow of a hygiene unit in a country with a low prevalence of carbapenemase-producing Enterobacteriaceae. <i>International Journal of Antimicrobial Agents</i> , 2017 , 49, 774-777	14.3	31
58	MCR-1 and OXA-48 Acquisition in KPC-Producing <i>Escherichia coli</i> after Colistin Treatment. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	45
57	Draft Genome Sequence of NDM-1-Producing. <i>Genome Announcements</i> , 2017 , 5,		5
56	Comparison of Two Phenotypic Algorithms To Detect Carbapenemase-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	6
55	Promoter characterization and expression of the blaKPC-2 gene in <i>Escherichia coli</i> , <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 1597-1601	5.1	5
54	Evaluation of the iCARBA test, a colorimetric test for the rapid detection of carbapenemase activity in Gram-negative bacilli. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 1646-1658	5.1	45
53	Prospective evaluation of the OKN K-SeT assay, a new multiplex immunochromatographic test for the rapid detection of OXA-48-like, KPC and NDM carbapenemases. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 1955-1960	5.1	46
52	First report of OXA-232-producing <i>Klebsiella pneumoniae</i> strains in Tunisia. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017 , 88, 195-197	2.9	11
51	Chromosome-Encoded Broad-Spectrum Ambler Class A β -Lactamase RUB-1 from <i>Serratia rubidaea</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	2
50	Beta-lactamase database (BLDB) - structure and function. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 917-919	5.6	187
49	OXA-244-Producing <i>Escherichia coli</i> Isolates, a Challenge for Clinical Microbiology Laboratories. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	34
48	Chromosomal Amplification of the blaOXA-58 Carbapenemase Gene in a <i>Proteus mirabilis</i> Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	30

47	Retrospective and prospective evaluation of the Carbapenem inactivation method for the detection of carbapenemase-producing Enterobacteriaceae. <i>PLoS ONE</i> , 2017 , 12, e0170769	3.7	28
46	Analysis of OXA-204 carbapenemase-producing reveals possible endoscopy-associated transmission, France, 2012 to 2014. <i>Eurosurveillance</i> , 2017 , 22,	19.8	14
45	Prospective evaluation of an algorithm for the phenotypic screening of carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 135-40	5.1	28
44	First Occurrence of OXA-72-Producing <i>Acinetobacter baumannii</i> in Serbia. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 5724-30	5.9	17
43	Prospective evaluation of the OXA-48 K-SeT assay, an immunochromatographic test for the rapid detection of OXA-48-type carbapenemases. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1834-40	5.1	43
42	Structural and Functional Aspects of Class A Carbapenemases. <i>Current Drug Targets</i> , 2016 , 17, 1006-28	3	71
41	Improvement of the Xpert Carba-R Kit for the Detection of Carbapenemase-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 3832-7	5.9	58
40	Spread of Plasmids Carrying Multiple GES Variants. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 5040-3	5.9	14
39	Efficient Detection of Carbapenemase Activity in Enterobacteriaceae by Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry in Less Than 30 Minutes. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 2163-71	9.7	96
38	Genetic and biochemical characterization of OXA-405, an OXA-48-type extended-spectrum β -lactamase without significant carbapenemase activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 3823-8	5.9	68
37	Endoscopy-associated transmission of carbapenemase-producing Enterobacteriaceae: return of 5 years experience. <i>Endoscopy</i> , 2015 , 47, 561	3.4	6
36	Evaluation of the RAPIDEC [®] CARBA NP, the Rapid CARB Screen [®] and the Carba NP test for biochemical detection of carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 3014-22	5.1	90
35	First outbreak of OXA-48-positive carbapenem-resistant <i>Klebsiella pneumoniae</i> isolates in Constantine, Algeria. <i>International Journal of Antimicrobial Agents</i> , 2015 , 46, 725-7	14.3	23
34	Dissemination of carbapenemase-producing Enterobacteriaceae and <i>Pseudomonas aeruginosa</i> in Romania. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 7100-3	5.9	29
33	Draft Genome Sequence of the <i>Serratia rubidaea</i> CIP 103234T Reference Strain, a Human-Opportunistic Pathogen. <i>Genome Announcements</i> , 2015 , 3,		8
32	Whole-Genome Sequence of a European Clone II and OXA-72-Producing <i>Acinetobacter baumannii</i> Strain from Serbia. <i>Genome Announcements</i> , 2015 , 3,		9
31	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
30	Ceftazidime-susceptible and imipenem-non-susceptible OXA-58-producing <i>Acinetobacter baumannii</i> from the Comoros archipelago. <i>International Journal of Antimicrobial Agents</i> , 2013 , 41, 297-8	14.3	5

29	Screening and deciphering antibiotic resistance in <i>Acinetobacter baumannii</i> : a state of the art. <i>Expert Review of Anti-Infective Therapy</i> , 2013 , 11, 571-83	5.5	71
28	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
27	Multidrug-resistant <i>Acinetobacter baumannii</i> clone, France. <i>Emerging Infectious Diseases</i> , 2013 , 19, 822-3	10.2	33
26	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
25	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
24	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
23	Biochemical and genetic characterization of carbapenem-hydrolyzing β -lactamase OXA-229 from <i>Acinetobacter bereziniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 3923-7	5.9	19
22	First identification of blaIMI-1 in an <i>Enterobacter cloacae</i> clinical isolate from France. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1664-5	5.9	18
21	AbaR-type transposon structures in <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 234-6	5.1	28
20	Global spread of Carbapenemase-producing Enterobacteriaceae. <i>Emerging Infectious Diseases</i> , 2011 , 17, 1791-8	10.2	1568
19	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
18	Outbreak of OXA-48-positive carbapenem-resistant <i>Klebsiella pneumoniae</i> isolates in France. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 2420-3	5.9	155
17	CTX-M-93, a CTX-M variant lacking penicillin hydrolytic activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 1861-6	5.9	20
16	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
15	Worldwide diversity of <i>Klebsiella pneumoniae</i> that produce beta-lactamase blaKPC-2 gene. <i>Emerging Infectious Diseases</i> , 2010 , 16, 1349-56	10.2	249
14	Diversity, epidemiology, and genetics of class D beta-lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 24-38	5.9	434
13	GES extended-spectrum β -lactamases in <i>Acinetobacter baumannii</i> isolates in Belgium. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 4872-8	5.9	74
12	The real threat of <i>Klebsiella pneumoniae</i> carbapenemase-producing bacteria. <i>Lancet Infectious Diseases</i> , 2009 , 9, 228-36	25.5	1105

11	Genetic structures at the origin of acquisition of the beta-lactamase bla KPC gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 1257-63	5.9	377
10	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
9	Chromosome-encoded narrow-spectrum Ambler class A beta-lactamase GIL-1 from <i>Citrobacter gillenii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 1365-72	5.9	11
8	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
7	Regional occurrence of plasmid-mediated carbapenem-hydrolyzing oxacillinase OXA-58 in <i>Acinetobacter</i> spp. in Europe. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 4885-8	9.7	82
6	Outbreak of carbapenem-resistant <i>Acinetobacter baumannii</i> producing the carbapenemase OXA-23 in a tertiary care hospital of Papeete, French Polynesia. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 4826-9	9.7	84
5	Structure of the imipenem-hydrolyzing class A beta-lactamase SME-1 from <i>Serratia marcescens</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002 , 58, 267-74		38
4	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
3	AmpD is required for regulation of expression of NmcA, a carbapenem-hydrolyzing beta-lactamase of <i>Enterobacter cloacae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 2908-15	5.9	17
2	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
1	Molecular characterization of OXA-20, a novel class D beta-lactamase, and its integron from <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1998 , 42, 2074-83	5.9	61