

# Gianfranco Amicosante

## List of Publications by Year in descending order

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126  
papers

6,194  
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66343

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Protocetraric and Salazinic Acids as Potential Inhibitors of SARS-CoV-2 3CL Protease: Biochemical, Cytotoxic, and Computational Characterization of Depsidones as Slow-Binding Inactivators. <i>Pharmaceuticals</i> , 2022, 15, 714.	3.8	2
2	A Two Amino Acid Duplication, L167E168, in the Î©-Loop Drastically Decreases Carbapenemase Activity of KPC-53, a Natural Class A Î²-Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, .	3.2	2
3	Laboratory Variants GES G170L , GES G170K , and GES G170H Increase Carbapenem Hydrolysis and Confer Resistance to Clavulanic Acid. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	1
4	Cyclic and Acyclic Amine Oxide Alkyl Derivatives as Potential Adjuvants in Antimicrobial Chemotherapy against Methicillin-Resistant <i>Staphylococcus aureus</i> with an MDR Profile. <i>Antibiotics</i> , 2021, 10, 952.	3.7	8
5	Whole-Genome Sequencing (WGS) of Carbapenem-Resistant <i>K. pneumoniae</i> Isolated in Long-Term Care Facilities in the Northern Italian Region. <i>Microorganisms</i> , 2021, 9, 1985.	3.6	16
6	Molecular characterization of carbapenem-resistant <i>Klebsiella pneumoniae</i> ST14 and ST512 causing bloodstream infections in ICU and surgery wards of a tertiary university hospital of Verona (northern Italy): co-production of KPC-3, OXA-48, and CTX-M-15 Î²-lactamases. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 96, 114968.	1.8	9
7	Inhibition of the transcriptional repressor LexA: Withstanding drug resistance by inhibiting the bacterial mechanisms of adaptation to antimicrobials. <i>Life Sciences</i> , 2020, 241, 117116.	4.3	16
8	Inhibitory Potential of Polyclonal Camel Antibodies against New Delhi Metallo-Î²-lactamase-1 (NDM-1). <i>Molecules</i> , 2020, 25, 4453.	3.8	5
9	Amino Acid Replacement at Position 228 Induces Fluctuation in the Î©, Î±-Loop of KPC-3 and Reduces the Affinity against Oxyimino Cephalosporins: Kinetic and Molecular Dynamics Studies. <i>Catalysts</i> , 2020, 10, 1474.	3.5	1
10	First Identification of Î²-Lactamases in Antibiotic-Resistant <i>Escherichia coli</i> , <i>Citrobacter freundii</i> , and <i>Aeromonas</i> spp. Isolated in Stream Macroinvertebrates in a Central Italian Region. <i>Microbial Drug Resistance</i> , 2020, 26, 976-981.	2.0	4
11	Kinetic Profile and Molecular Dynamic Studies Show that Y229W Substitution in an NDM-1/L209F Variant Restores the Hydrolytic Activity of the Enzyme toward Penicillins, Cephalosporins, and Carbapenems. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	11
12	Identification of CTX-M-15 and CTX-M-27 in Antibiotic-Resistant Gram-Negative Bacteria Isolated from Three Rivers Running in Central Italy. <i>Microbial Drug Resistance</i> , 2019, 25, 1041-1049.	2.0	23
13	TEM-184, a Novel TEM-Derived Extended-Spectrum Î²-Lactamase with Enhanced Activity against Aztreonam. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	4
14	Cerium oxide nanoparticles as potential antibiotic adjuvant. Effects of CeO2 nanoparticles on bacterial outer membrane permeability. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2428-2435.	2.6	76
15	SOS response in bacteria: Inhibitory activity of lichen secondary metabolites against <i>Escherichia coli</i> RecA protein. <i>Phytomedicine</i> , 2017, 29, 11-18.	5.3	34
16	Interaction of carbapenems and Î²-lactamase inhibitors towards CTX-M-15 and CTX-M-15 G238C mutant. <i>Journal of Global Antimicrobial Resistance</i> , 2017, 10, 95-100.	2.2	1
17	Protolichesterinic acid enhances doxorubicin-induced apoptosis in HeLa cells in vitro. <i>Life Sciences</i> , 2016, 158, 89-97.	4.3	18
18	BlaB-15, a new BlaB metallo-Î²-lactamase variant found in an <i>Elizabethkingia miricola</i> clinical isolate. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 85, 195-197.	1.8	17

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19	Kinetic Studies on CphA Mutants Reveal the Role of the P158-P172 Loop in Activity versus Carbapenems. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3123-3126.	3.2	11
20	Identification of New Natural CphA Metallo- $\beta$ -Lactamases CphA4 and CphA5 in <i>Aeromonas veronii</i> and <i>Aeromonas hydrophila</i> Isolates from Municipal Sewage in Central Italy. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4990-4993.	3.2	12
21	OXA-23 Carbapenemase in Multidrug-Resistant <i>Acinetobacter baumannii</i> ST2 Type: First Identification in L'Aquila Hospital (Italy). <i>Microbial Drug Resistance</i> , 2015, 21, 97-101.	2.0	14
22	Interaction between lichen secondary metabolites and antibiotics against clinical isolates methicillin-resistant <i>Staphylococcus aureus</i> strains. <i>Phytomedicine</i> , 2015, 22, 223-230.	5.3	33
23	Kinetic Study of the Effect of Histidines 240 and 164 on TEM-149 Enzyme Probed by $\beta$ -Lactam Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6294-6296.	3.2	3
24	Curcumin inhibits the SOS response induced by levofloxacin in <i>Escherichia coli</i> . <i>Phytomedicine</i> , 2014, 21, 430-434.	5.3	37
25	Cytotoxic Activity and Antioxidant Capacity of Purified Lichen Metabolites: An <i>In Vitro</i> Study. <i>Phytotherapy Research</i> , 2013, 27, 431-437.	5.8	116
26	Antibacterial activity of selected metabolites from Chilean lichen species against methicillin-resistant staphylococci. <i>Natural Product Research</i> , 2013, 27, 1528-1531.	1.8	20
27	Emergence of blaKPC-3-Tn4401a in <i>Klebsiella pneumoniae</i> ST512 in the municipal wastewater treatment plant and in the university hospital of a town in central Italy. <i>Journal of Global Antimicrobial Resistance</i> , 2013, 1, 217-220.	2.2	20
28	Prevalence of quinolone resistance determinant qnrA6 among broad- and extended-spectrum beta-lactam-resistant <i>Proteus mirabilis</i> and <i>Morganella morganii</i> clinical isolates with sul1-type class 1 integron association in a Tunisian Hospital. <i>Scandinavian Journal of Infectious Diseases</i> , 2013, 45, 600-605.	1.5	14
29	Carbapenem-resistant <i>Klebsiella pneumoniae</i> harbouring blaKPC-3 and blaVIM-2 from central Italy. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 75, 218-221.	1.8	22
30	On the structural affinity of macromolecules with different biological properties: Molecular dynamics simulations of a series of TEM-1 mutants. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 666-671.	2.1	3
31	R164H and V240H Replacements by Site-Directed Mutagenesis of TEM-149 Extended-Spectrum $\beta$ -Lactamase: Kinetic Analysis of TEM-149 <sup>H240</sup> and TEM-149 <sup>H164-H240</sup> Laboratory Mutants. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1047-1049.	3.2	1
32	Chromosomal bla CTX-M-15 associated with ISEcp1 in <i>Proteus mirabilis</i> and <i>Morganella morganii</i> isolated at the Military Hospital of Tunis, Tunisia. <i>Journal of Medical Microbiology</i> , 2012, 61, 1286-1289.	1.8	33
33	In vitro interaction of usnic acid in combination with antimicrobial agents against methicillin-resistant <i>Staphylococcus aureus</i> clinical isolates determined by FICI and $\beta$ E model methods. <i>Phytomedicine</i> , 2012, 19, 341-347.	5.3	73
34	In vitro antimicrobial activity of pannarin alone and in combination with antibiotics against methicillin-resistant <i>Staphylococcus aureus</i> clinical isolates. <i>Phytomedicine</i> , 2012, 19, 596-602.	5.3	33
35	Can Non-steroidal Anti-inflammatory Drugs Act as Metalloproteinase Modulators? An In-vitro Study-of Inhibition of Collagenase Activity. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 50, 1417-1423.	2.4	21
36	Persistence of TEM-52/TEM-92 and SHV-12 Extended-Spectrum $\beta$ -Lactamases in Clinical Isolates of Enterobacteriaceae in Italy. <i>Microbial Drug Resistance</i> , 2011, 17, 521-524.	2.0	12

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37	Occurrence of Class 1 and 2 Integrons in Resistant Enterobacteriaceae Collected from a Urban Wastewater Treatment Plant: First Report from Central Italy. <i>Microbial Drug Resistance</i> , 2011, 17, 229-234.	2.0	23
38	Parp1 Localizes within the Dnmt1 Promoter and Protects Its Unmethylated State by Its Enzymatic Activity. <i>PLoS ONE</i> , 2009, 4, e4717.	2.5	97
39	Infections with VIM-1 Metallo- $\beta$ -Lactamase-Producing <i>Enterobacter cloacae</i> and Their Correlation with Clinical Outcome. <i>Journal of Clinical Microbiology</i> , 2009, 47, 3514-3519.	3.9	54
40	Comment on: Redefining extended-spectrum $\beta$ -lactamases: balancing science and clinical need. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 212-213.	3.0	18
41	Identification of blaIMP-22 in <i>Pseudomonas</i> spp. in urban wastewater and nosocomial environments: biochemical characterization of a new IMP metallo-enzyme variant and its genetic location. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 901-908.	3.0	55
42	Evidence for qnrB1 and aac(6 $\epsilon$ )-Ib-cr in CTX-M-15 $\beta$ -producing uropathogenic Enterobacteriaceae in an Italian teaching hospital. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009, 64, 90-93.	1.8	16
43	E240V Substitution Increases Catalytic Efficiency toward Ceftazidime in a New Natural TEM-Type Extended-Spectrum $\beta$ -Lactamase, TEM-149, from <i>Enterobacter aerogenes</i> and <i>Serratia marcescens</i> Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 915-919.	3.2	14
44	Class I Integron-Borne bla <sub>VIM-1</sub> Carbapenemase in a Strain of <i>Enterobacter cloacae</i> Responsible for a Case of Fatal Pneumonia. <i>Microbial Drug Resistance</i> , 2008, 14, 45-47.	2.0	18
45	First Countrywide Survey of Acquired Metallo- $\beta$ -Lactamases in Gram-Negative Pathogens in Italy. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 4023-4029.	3.2	58
46	Natural D240G Toho-1 mutant conferring resistance to ceftazidime: biochemical characterization of CTX-M-43. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 991-997.	3.0	25
47	Identification and Characterization of a New Metallo- $\beta$ -Lactamase, IND-5, from a Clinical Isolate of <i>Chryseobacterium indologenes</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2988-2990.	3.2	17
48	Biochemical analysis of TEM-134, a new TEM-type extended-spectrum $\beta$ -lactamase variant produced in a <i>Citrobacter koseri</i> clinical isolate from an Italian hospital. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 60, 877-880.	3.0	8
49	Optimizing Cell Permeation of an Antibiotic Resistance Inhibitor for Improved Efficacy. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5644-5654.	6.4	41
50	Metallo- $\beta$ -lactamases as emerging resistance determinants in Gram-negative pathogens: open issues. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, 380-388.	2.5	134
51	An in vitro investigation of levofloxacin and ciprofloxacin against clinical isolates of <i>Pseudomonas aeruginosa</i> . <i>International Journal of Antimicrobial Agents</i> , 2007, 30, 374-376.	2.5	0
52	Trends in Production of Extended-Spectrum $\beta$ -Lactamases among Enterobacteria of Medical Interest: Report of the Second Italian Nationwide Survey. <i>Journal of Clinical Microbiology</i> , 2006, 44, 1659-1664.	3.9	110
53	<i>Pseudomonas aeruginosa</i> bloodstream infections: risk factors and treatment outcome related to expression of the PER-1 extended-spectrum beta-lactamase. <i>BMC Infectious Diseases</i> , 2006, 6, 52.	2.9	40
54	Spread of blaCTX-M-type and blaPER-2 $\beta$ -lactamase genes in clinical isolates from Bolivian hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 975-978.	3.0	118

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55	CTX-M-Type Extended-Spectrum $\hat{\imath}^2$ -Lactamases in Italy: Molecular Epidemiology of an Emerging Countrywide Problem. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2700-2706.	3.2	107
56	Spread of Enterobacteriaceae carrying the PER-1 extended-spectrum $\hat{\imath}$ -lactamase gene as a chromosomal insert: a report from Italy. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 59, 323-324.	3.0	13
57	Occurrence of Extended Spectrum $\hat{\imath}^2$ -Lactamases Among Isolates of Enterobacteriaceae from Urinary Tract Infections in Southern Italy. <i>Microbial Drug Resistance</i> , 2006, 12, 257-264.	2.0	14
58	Dynamical Aspects of TEM-1 $\hat{\imath}^2$ -Lactamase Probed by Molecular Dynamics. <i>Journal of Computer-Aided Molecular Design</i> , 2005, 19, 329-340.	2.9	27
59	<i>Proteus mirabilis</i> Bloodstream Infections: Risk Factors and Treatment Outcome Related to the Expression of Extended-Spectrum $\hat{\imath}^2$ -Lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2598-2605.	3.2	130
60	Novel TEM-Type Extended-Spectrum $\hat{\imath}^2$ -Lactamase, TEM-134, in a <i>Citrobacter koseri</i> Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1564-1566.	3.2	15
61	Dissemination of CTX-M-Type Extended-Spectrum $\hat{\imath}^2$ -Lactamase Genes to Unusual Hosts. <i>Journal of Clinical Microbiology</i> , 2005, 43, 4183-4185.	3.9	18
62	Ciprofloxacin, Salicylate, and 2,4-Dinitrophenol Decrease Production of AmpC-Type $\hat{\imath}^2$ -Lactamase in Two <i>Citrobacter freundii</i> Clinical Isolates. <i>Microbial Drug Resistance</i> , 2005, 11, 225-231.	2.0	2
63	Evolution of CTX-M-type $\hat{\imath}^2$ -lactamases in isolates of <i>Escherichia coli</i> infecting hospital and community patients. <i>International Journal of Antimicrobial Agents</i> , 2005, 25, 157-162.	2.5	94
64	Biochemical Characterization of Laboratory Mutants of Extended-Spectrum $\hat{\imath}^2$ -Lactamase TEM-60. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 3579-3582.	3.2	8
65	Emergence in <i>Klebsiella pneumoniae</i> and <i>Enterobacter cloacae</i> Clinical Isolates of the VIM-4 Metallo- $\hat{\imath}^2$ -Lactamase Encoded by a Conjugative Plasmid. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 648-650.	3.2	103
66	Enhanced active efflux, repression of porin synthesis and development of Mar phenotype by diazepam in two enterobacteria strains. <i>Journal of Medical Microbiology</i> , 2004, 53, 1119-1122.	1.8	23
67	Bacteremia Due to <i>Klebsiella pneumoniae</i> Isolates Producing the TEM-52 Extended-Spectrum $\hat{\imath}^2$ -Lactamase: Treatment Outcome of Patients Receiving Imipenem or Ciprofloxacin. <i>Clinical Infectious Diseases</i> , 2004, 38, 243-251.	5.8	105
68	Salicylate decreases production of AmpC type $\hat{\imath}^2$ -lactamases and increases susceptibility to $\hat{\imath}$ -lactams in a <i>Morganella morganii</i> clinical isolate. <i>FEMS Microbiology Letters</i> , 2004, 238, 139-144.	1.8	6
69	Overexpression system and biochemical profile of CTX-M-3 extended-spectrum $\hat{\imath}^2$ -lactamase expressed in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2004, 241, 229-232.	1.8	2
70	Antimicrobial susceptibility of clinical isolates of Enterobacteriaceae producing complex $\hat{\imath}^2$ -lactamase patterns including extended-spectrum enzymes. <i>International Journal of Antimicrobial Agents</i> , 2004, 23, 480-486.	2.5	10
71	Prevalence and characterization of metallo- $\hat{\imath}^2$ -lactamases in clinical isolates of <i>Pseudomonas aeruginosa</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2004, 48, 131-135.	1.8	31
72	Salicylate decreases production of AmpC type $\hat{\imath}$ -lactamases and increases susceptibility to $\hat{\imath}$ -lactams in a clinical isolate. <i>FEMS Microbiology Letters</i> , 2004, 238, 139-144.	1.8	4

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73	Novel 3- N -Aminoglycoside Acetyltransferase Gene, aac ( 3 )- Ic , from a Pseudomonas aeruginosa Integron. Antimicrobial Agents and Chemotherapy, 2003, 47, 1746-1748.	3.2	40
74	Multiple CTX-M-Type Extended-Spectrum $\hat{\text{I}}^2$ -Lactamases in Nosocomial Isolates of Enterobacteriaceae from a Hospital in Northern Italy. Journal of Clinical Microbiology, 2003, 41, 4264-4269.	3.9	201
75	IMP-12, a New Plasmid-Encoded Metallo- $\hat{\text{I}}^2$ -Lactamase from a Pseudomonas putida Clinical Isolate. Antimicrobial Agents and Chemotherapy, 2003, 47, 1522-1528.	3.2	125
76	On functional and structural heterogeneity of VIM-type metallo-beta-lactamases. Journal of Antimicrobial Chemotherapy, 2003, 51, 257-266.	3.0	146
77	The 1.5-Å... Structure of Chryseobacterium meningosepticum Zinc $\hat{\text{I}}^2$ -Lactamase in Complex with the Inhibitor, D-Captopril. Journal of Biological Chemistry, 2003, 278, 23868-23873.	3.4	126
78	Substrate-activated Zinc Binding of Metallo- $\hat{\text{I}}^2$ -lactamases. Journal of Biological Chemistry, 2002, 277, 24142-24147.	3.4	115
79	Molecular Characterization of Extended-Spectrum $\hat{\text{A}}$ -Lactamases Produced by Nosocomial Isolates of Enterobacteriaceae from an Italian Nationwide Survey. Journal of Clinical Microbiology, 2002, 40, 611-614.	3.9	116
80	Characterization of a New Extended-Spectrum $\hat{\text{I}}^2$ -Lactamase (TEM-87) Isolated in <i>Proteus mirabilis</i> during an Italian Survey. Antimicrobial Agents and Chemotherapy, 2002, 46, 925-928.	3.2	15
81	Overproduction and Biochemical Characterization of the Chryseobacterium meningosepticum BlaB Metallo- $\hat{\text{I}}^2$ -Lactamase. Antimicrobial Agents and Chemotherapy, 2002, 46, 1921-1927.	3.2	30
82	Simple Microdilution Test for Detection of Metallo- $\hat{\text{I}}^2$ -Lactamase Production in Pseudomonas aeruginosa. Journal of Clinical Microbiology, 2002, 40, 4388-4390.	3.9	77
83	Emerging Extended-Spectrum $\hat{\text{I}}^2$ -Lactamases in <i>Proteus mirabilis</i> . Journal of Clinical Microbiology, 2002, 40, 1549-1552.	3.9	88
84	Nosocomial Infections Caused by Multidrug-Resistant Isolates of Pseudomonas putida Producing VIM-1 Metallo- $\hat{\text{I}}^2$ -Lactamase. Journal of Clinical Microbiology, 2002, 40, 4051-4055.	3.9	105
85	Biochemical Characterization of TEM-92 Extended-Spectrum $\hat{\text{I}}^2$ -Lactamase, a Protein Differing from TEM-52 in the Signal Peptide. Antimicrobial Agents and Chemotherapy, 2002, 46, 3981-3983.	3.2	6
86	CAU-1, a Subclass B3 Metallo- $\hat{\text{I}}^2$ -Lactamase of Low Substrate Affinity Encoded by an Ortholog Present in the Caulobacter crescentus Chromosome. Antimicrobial Agents and Chemotherapy, 2002, 46, 1823-1830.	3.2	58
87	Prevalence of extended spectrum $\hat{\text{I}}^2$ -lactamases among Enterobacteriaceae: an Italian survey. International Journal of Antimicrobial Agents, 2002, 19, 213-217.	2.5	16
88	Ceftibuten stability to active-site serine and metallo- $\hat{\text{A}}^{\text{Y}}$ -lactamases. International Journal of Antimicrobial Agents, 2001, 17, 45-50.	2.5	6
89	Properties of multidrug-resistant, ESBL-producing Proteus mirabilis isolates and possible role of $\hat{\text{I}}^2$ -lactam/ $\hat{\text{I}}^2$ -lactamase inhibitor combinations. International Journal of Antimicrobial Agents, 2001, 17, 131-135.	2.5	46
90	Multidrug-Resistant <i>Pseudomonas aeruginosa</i> Producing PER-1 Extended-Spectrum Serine- $\hat{\text{I}}^2$ -Lactamase and VIM-2 Metallo- $\hat{\text{I}}^2$ -Lactamase. Emerging Infectious Diseases, 2001, 7, 910-911.	4.3	40

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91	Inactivation of <i>Aeromonas hydrophila</i> metallo- $\beta$ -lactamase by cephamycins and moxalactam. <i>FEBS Journal</i> , 2001, 268, 3840-3850.	0.2	26
92	Influence of Sulfobetaines on the Stability of the <i>Citrobacter diversus</i> ULA-27 $\beta$ -lactamase. <i>Biotechnology Progress</i> , 2001, 17, 1008-1013.	2.6	13
93	Dynamics of a Nosocomial Outbreak of Multidrug-Resistant <i>Pseudomonas aeruginosa</i> Producing the PER-1 Extended-Spectrum $\beta$ -Lactamase. <i>Journal of Clinical Microbiology</i> , 2001, 39, 1865-1870.	3.9	74
94	Thiomandelic Acid, a Broad Spectrum Inhibitor of Zinc $\beta$ -Lactamases. <i>Journal of Biological Chemistry</i> , 2001, 276, 45015-45023.	3.4	105
95	Biochemical Characterization of the FEZ-1 Metallo- $\beta$ -Lactamase of <i>Legionella gormanii</i> ATCC 33297 T Produced in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1254-1262.	3.2	66
96	Metallo- $\beta$ -Lactamase Producers in Environmental Microbiota: New Molecular Class B Enzyme in <i>Janthinobacterium lividum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 837-844.	3.2	83
97	Characterization of OXA-29 from <i>Legionella (Fluoribacter) gormanii</i> : Molecular Class D $\beta$ -Lactamase with Unusual Properties. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 3509-3516.	3.2	33
98	Purification and Biochemical Characterization of the VIM-1 Metallo- $\beta$ -Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 3003-3007.	3.2	83
99	First identification of an SHV-12 extended-spectrum $\beta$ -lactamase in <i>Klebsiella pneumoniae</i> isolated in Italy. <i>Journal of Antimicrobial Chemotherapy</i> , 2000, 45, 349-351.	3.0	8
100	PER-1 Extended-Spectrum $\beta$ -Lactamase Production in an <i>Alcaligenes faecalis</i> Clinical Isolate Resistant to Expanded-Spectrum Cephalosporins and Monobactams from a Hospital in Northern Italy. <i>Microbial Drug Resistance</i> , 2000, 6, 85-90.	2.0	45
101	The <i>Legionella (Fluoribacter) gormanii</i> Metallo- $\beta$ -Lactamase: a New Member of the Highly Divergent Lineage of Molecular-Subclass B3 $\beta$ -Lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 1538-1543.	3.2	63
102	TEM-72, a New Extended-Spectrum $\beta$ -Lactamase Detected in <i>Proteus mirabilis</i> and <i>Morganella morganii</i> in Italy. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2537-2539.	3.2	35
103	Kinetic and spectroscopic characterization of native and metal-substituted $\beta$ -lactamase from <i>Aeromonas hydrophila</i> AE036. <i>FEBS Letters</i> , 2000, 467, 221-225.	2.8	48
104	Corrigendum to: Kinetic and spectroscopic characterization of native and metal-substituted $\beta$ -lactamase from <i>Aeromonas hydrophila</i> AE036 (FEBS 23250). <i>FEBS Letters</i> , 2000, 477, 285-285.	2.8	1
105	Characterization of the Metallo- $\beta$ -Lactamase Determinant of <i>Acinetobacter baumannii</i> AC-54/97 Reveals the Existence of <i>bla</i> IMP Allelic Variants Carried by Gene Cassettes of Different Phylogeny. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 1229-1235.	3.2	245
106	Bactericidal activity of levofloxacin and ciprofloxacin on clinical isolates of different phenotypes of <i>Pseudomonas aeruginosa</i> . <i>International Journal of Antimicrobial Agents</i> , 2000, 13, 223-226.	2.5	15
107	Structure of In31, a <i>bla</i> IMP-Containing <i>Pseudomonas aeruginosa</i> Integron Phyletically Related to In5, Which Carries an Unusual Array of Gene Cassettes. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 890-901.	3.2	152
108	Biochemical Characterization of the <i>Pseudomonas aeruginosa</i> 101/1477 Metallo- $\beta$ -Lactamase IMP-1 Produced by <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 902-906.	3.2	212

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109	Cloning and Characterization of <i>bla</i> <sub>VIM</sub> , a New Integron-Borne Metallo- $\beta$ -Lactamase Gene from a <i>Pseudomonas aeruginosa</i> Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 1584-1590.	3.2	581
110	Hydroxamate Inhibitors of <i>Aeromonas hydrophila</i> AE036 Metallo-B-lactamase. <i>Bioorganic Chemistry</i> , 1999, 27, 35-40.	4.1	42
111	Italian Survey on Comparative Levofloxacin Susceptibility in 334 Clinical Isolates of <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 428-431.	3.2	17
112	Cloning of a <i>Chryseobacterium</i> ( <i>Flavobacterium</i> ) <i>meningosepticum</i> Chromosomal Gene ( <i>bla</i> <sub>CME</sub> ) Encoding an Extended-Spectrum Class A $\beta$ -Lactamase Related to the <i>Bacteroides</i> Cephalosporinases and the VEB-1 and PER $\beta$ -Lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 2193-2199.	3.2	46
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