

Jean-Luc Mainardi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4387134/publications.pdf>

Version: 2024-02-01

108
papers

6,693
citations

66315

42
h-index

66879

78
g-index

110
all docs

110
docs citations

110
times ranked

5505
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of version 2.5 of QMAC-dRAST for rapid antimicrobial susceptibility testing with reduced sample-to-answer turnaround time and an integrated expert system. <i>Infectious Diseases Now</i> , 2021, 51, 470-476.	0.7	6
2	Impact of relebactam-mediated inhibition of <i>Mycobacterium abscessus</i> BlaMab β -lactamase on the in vitro and intracellular efficacy of imipenem. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 379-383.	1.3	3
3	Comparative evaluation of the QMAC-dRAST V2.0 system for rapid antibiotic susceptibility testing of Gram-negative blood culture isolates. <i>Journal of Microbiological Methods</i> , 2020, 172, 105902.	0.7	11
4	Kinetic mechanism of <i>Enterococcus faecium</i> d-aspartate ligase. <i>Biochimie</i> , 2019, 158, 217-223.	1.3	1
5	Multicentre randomised controlled trial to investigate usefulness of the rapid diagnostic β LACTA test performed directly on bacterial cell pellets from respiratory, urinary or blood samples for the early de-escalation of carbapenems in septic intensive care unit patients: the BLUE-CarBA protocol. <i>BMJ Open</i> , 2019, 9, e024561.	0.8	9
6	In Vitro and Intracellular Activity of Imipenem Combined with Tedizolid, Rifabutin, and Avibactam against <i>Mycobacterium abscessus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	48
7	Synthesis of Avibactam Derivatives and Activity on β -Lactamases and Peptidoglycan Biosynthesis Enzymes of <i>Mycobacteria</i> . <i>Chemistry - A European Journal</i> , 2018, 24, 8081-8086.	1.7	30
8	<i>Coxiella burnetii</i> endocarditis on bioprosthetic aortic valve, with peripheral arterial embolism. <i>Cardiovascular Pathology</i> , 2018, 34, 38-39.	0.7	0
9	Peptidoglycan Cross-Linking Activity of β , β -Transpeptidases from <i>Clostridium difficile</i> and Inactivation of These Enzymes by β -Lactams. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	23
10	In Vitro and Intracellular Activity of Imipenem Combined with Rifabutin and Avibactam against <i>Mycobacterium abscessus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	28
11	Inhibition of β -lactamases of <i>mycobacteria</i> by avibactam and clavulanate. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, dkw546.	1.3	39
12	Inhibition of the β -Lactamase Bla _{Mab} by Avibactam Improves the In Vitro and In Vivo Efficacy of Imipenem against <i>Mycobacterium abscessus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	73
13	Bactericidal and intracellular activity of β -lactams against <i>Mycobacterium abscessus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1556-1563.	1.3	55
14	Routes of Synthesis of Carbapenems for Optimizing Both the Inactivation of β , β -Transpeptidase Ldt _{Mt1} of <i>Mycobacterium tuberculosis</i> and the Stability toward Hydrolysis by β -Lactamase BlaC. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3427-3438.	2.9	23
15	β -Lactamase inhibition by avibactam in <i>Mycobacterium abscessus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1051-1058.	1.3	126
16	Impact of β -Lactamase Inhibition on the Activity of Ceftaroline against <i>Mycobacterium tuberculosis</i> and <i>Mycobacterium abscessus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2938-2941.	1.4	37
17	Mutation Landscape of Acquired Cross-Resistance to Glycopeptide and β -Lactam Antibiotics in <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5306-5315.	1.4	7
18	Hydrolysis of Clavulanate by <i>Mycobacterium tuberculosis</i> β -Lactamase BlaC Harboring a Canonical SDN Motif. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5714-5720.	1.4	28

#	ARTICLE	IF	CITATIONS
19	Peptidoglycan Cross-Linking in Glycopeptide-Resistant Actinomycetales. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1749-1756.	1.4	22
20	Human <i>Bartonella</i> Infective Endocarditis is Associated with High Frequency of Antiproteinase 3 Antibodies. <i>Journal of Rheumatology</i> , 2014, 41, 408-410.	1.0	26
21	Serine/Threonine Protein Phosphatase-Mediated Control of the Peptidoglycan Cross-Linking L , D -Transpeptidase Pathway in <i>Enterococcus faecium</i> . <i>MBio</i> , 2014, 5, e01446-14.	1.8	25
22	Methicillin-resistant <i>Staphylococcus aureus</i> bloodstream infections are associated with a higher energy deficit than other ICU-acquired bacteremia. <i>Intensive Care Medicine</i> , 2014, 40, 1878-1887.	3.9	20
23	Characterization of broad-spectrum <i>Mycobacterium abscessus</i> class A β -lactamase. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 691-696.	1.3	95
24	Mediastinitis due to Gram-negative bacteria is associated with increased mortality. <i>Clinical Microbiology and Infection</i> , 2014, 20, O197-O202.	2.8	38
25	Discovery of the first inhibitors of bacterial enzyme d-aspartate ligase from <i>Enterococcus faecium</i> (Aslfm). <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 208-220.	2.6	19
26	<i>Aspergillus</i> endocarditis in the era of new antifungals: Major role for antigen detection. <i>Journal of Infection</i> , 2013, 67, 85-88.	1.7	13
27	L,D -Transpeptidase (<i>Enterococcus</i>). , 2013, , 2465-2472.		0
28	<i>In Vitro</i> Cross-Linking of <i>Mycobacterium tuberculosis</i> Peptidoglycan by L , D -Transpeptidases and Inactivation of These Enzymes by Carbapenems. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5940-5945.	1.4	124
29	Incidence, risk factors and prediction of post-operative acute kidney injury following cardiac surgery for active infective endocarditis: an observational study. <i>Critical Care</i> , 2013, 17, R220.	2.5	53
30	Kinetic Features of L,D -Transpeptidase Inactivation Critical for β -Lactam Antibacterial Activity. <i>PLoS ONE</i> , 2013, 8, e67831.	1.1	56
31	Kinetic Analysis of <i>Enterococcus faecium</i> L , D -Transpeptidase Inactivation by Carbapenems. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3409-3412.	1.4	25
32	Inactivation of <i>Mycobacterium tuberculosis</i> L , D -Transpeptidase Ldt_{Mt1} by Carbapenems and Cephalosporins. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4189-4195.	1.4	131
33	Functional and Structural Characterization of PaeM, a Colicin M-like Bacteriocin Produced by <i>Pseudomonas aeruginosa</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 37395-37405.	1.6	33
34	Diagnosis, management and outcome of <i>Candida</i> endocarditis. <i>Clinical Microbiology and Infection</i> , 2012, 18, E99-E109.	2.8	97
35	Antibacterial agents: back to the future? Can we live with only colistin, co-trimoxazole and fosfomycin?. <i>Clinical Microbiology and Infection</i> , 2012, 18, 1-3.	2.8	88
36	Whole body ^{18}F fluorodeoxyglucose positron emission tomography imaging for the diagnosis of pacemaker or implantable cardioverter defibrillator infection: a preliminary prospective study. <i>Clinical Microbiology and Infection</i> , 2011, 17, 836-844.	2.8	119

#	ARTICLE	IF	CITATIONS
37	Differences in daptomycin and vancomycin ex vivo behaviour can lead to false interpretation of negative blood cultures. <i>Clinical Microbiology and Infection</i> , 2011, 17, 1264-1267.	2.8	1
38	Fighting resistant tuberculosis with old compounds: the carbapenem paradigm. <i>Clinical Microbiology and Infection</i> , 2011, 17, 1755-1756.	2.8	20
39	Activity of Carbapenems Combined with Clavulanate against Murine Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2597-2600.	1.4	51
40	Early ICU Energy Deficit Is a Risk Factor for <i>Staphylococcus aureus</i> Ventilator-Associated Pneumonia. <i>Chest</i> , 2011, 140, 1254-1260.	0.4	64
41	Inactivation Kinetics of a New Target of β -Lactam Antibiotics. <i>Journal of Biological Chemistry</i> , 2011, 286, 22777-22784.	1.6	50
42	The Peptidoglycan of <i>Mycobacterium abscessus</i> Is Predominantly Cross-Linked by α -, β -Transpeptidases. <i>Journal of Bacteriology</i> , 2011, 193, 778-782.	1.0	91
43	Do clinicians consider the results of the BinaxNOW <i>Streptococcus pneumoniae</i> urinary antigen test when adapting antibiotic regimens for pneumonia patients?. <i>Clinical Microbiology and Infection</i> , 2010, 16, 1389-1393.	2.8	19
44	<i>Streptococcus pneumoniae</i> : still a major pathogen. <i>Clinical Microbiology and Infection</i> , 2010, 16, 401.	2.8	29
45	Activation of the α -, β -transpeptidation peptidoglycan cross-linking pathway by a metallo- α -, β -carboxypeptidase in <i>Enterococcus faecium</i> . <i>Molecular Microbiology</i> , 2010, 75, 874-885.	1.2	39
46	The <i>Mycobacterium tuberculosis</i> protein LdtMt2 is a nonclassical transpeptidase required for virulence and resistance to amoxicillin. <i>Nature Medicine</i> , 2010, 16, 466-469.	15.2	242
47	Impact Of Energy Deficit On The Microbiology Of Ventilator-associated Pneumonia. , 2010, ,		0
48	Recurrent infective endocarditis due to <i>Aggregatibacter actinomycetemcomitans</i> : reinfection or relapse?. <i>Journal of Medical Microbiology</i> , 2010, 59, 1524-1526.	0.7	9
49	<i>Nocardia pseudobrasiliensis</i> as an Emerging Cause of Opportunistic Infection after Allogeneic Hematopoietic Stem Cell Transplantation. <i>Journal of Clinical Microbiology</i> , 2010, 48, 656-659.	1.8	20
50	Functional and Morphological Adaptation to Peptidoglycan Precursor Alteration in <i>Lactococcus lactis</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 24003-24013.	1.6	11
51	Comprehensive Diagnostic Strategy for Blood Cultureâ€“Negative Endocarditis: A Prospective Study of 819 New Cases. <i>Clinical Infectious Diseases</i> , 2010, 51, 131-140.	2.9	418
52	Postoperative Mediastinitis Due to <i>Finegoldia magna</i> with Negative Blood Cultures. <i>Journal of Clinical Microbiology</i> , 2009, 47, 4180-4182.	1.8	12
53	Human- and Plant-Pathogenic <i>Pseudomonas</i> Species Produce Bacteriocins Exhibiting Colicin M-Like Hydrolase Activity towards Peptidoglycan Precursors. <i>Journal of Bacteriology</i> , 2009, 191, 3657-3664.	1.0	68
54	Case of Indolent Endocarditis Due to <i>Pseudomonas stutzeri</i> with Genetic Evidence of Relapse after 4 Years. <i>Journal of Clinical Microbiology</i> , 2009, 47, 503-504.	1.8	17

#	ARTICLE	IF	CITATIONS
55	First Case of <i>Streptococcus oligofermentans</i> Endocarditis Determined Based on <i>sodA</i> Gene Sequences after Amplification Directly from Valvular Samples. <i>Journal of Clinical Microbiology</i> , 2009, 47, 855-856.	1.8	11
56	Concomitant <i>Staphylococcus aureus</i> bacteriuria is associated with complicated <i>S. aureus</i> bacteremia. <i>Journal of Infection</i> , 2009, 59, 240-246.	1.7	26
57	The β -lactam-sensitive, α -carboxypeptidase activity of Pbp4 controls the β -lactam- and α -carboxypeptidase transpeptidation pathways in <i>Corynebacterium jeikeium</i> . <i>Molecular Microbiology</i> , 2009, 74, 650-661.	1.2	37
58	Synergistic effect of carbapenem-teicoplanin combination during severe <i>Rhodococcus equi</i> pneumonia in a kidney transplant recipient. <i>Transplant Infectious Disease</i> , 2009, 11, 359-362.	0.7	13
59	Evolution of peptidoglycan biosynthesis under the selective pressure of antibiotics in Gram-positive bacteria. <i>FEMS Microbiology Reviews</i> , 2008, 32, 386-408.	3.9	159
60	Multiplexed whole bacterial antigen microarray, a new format for the automation of serodiagnosis: the culture-negative endocarditis paradigm. <i>Clinical Microbiology and Infection</i> , 2008, 14, 1112-1118.	2.8	14
61	Invasive <i>Pasteurella multocida</i> sinusitis in a renal transplant patient. <i>Transplant Infectious Disease</i> , 2008, 10, 206-208.	0.7	9
62	The Peptidoglycan of Stationary-Phase <i>Mycobacterium tuberculosis</i> Predominantly Contains Cross-Links Generated by β -Transpeptidation. <i>Journal of Bacteriology</i> , 2008, 190, 4360-4366.	1.0	300
63	<i>Campylobacter</i> Bacteremia: Clinical Features and Factors Associated with Fatal Outcome. <i>Clinical Infectious Diseases</i> , 2008, 47, 790-796.	2.9	169
64	Early Diagnosis of Disseminated <i>Mycobacterium genavense</i> Infection. <i>Emerging Infectious Diseases</i> , 2008, 14, 346-347.	2.0	18
65	Specificity of L,D-Transpeptidases from Gram-positive Bacteria Producing Different Peptidoglycan Chemotypes. <i>Journal of Biological Chemistry</i> , 2007, 282, 13151-13159.	1.6	78
66	Unexpected Inhibition of Peptidoglycan LD-Transpeptidase from <i>Enterococcus faecium</i> by the β -Lactam Imipenem. <i>Journal of Biological Chemistry</i> , 2007, 282, 30414-30422.	1.6	115
67	<i>Dolosigranulum pigrum</i> Causing Nosocomial Pneumonia and Septicemia. <i>Journal of Clinical Microbiology</i> , 2007, 45, 3474-3475.	1.8	53
68	Identification of the L, D-Transpeptidases Responsible for Attachment of the Braun Lipoprotein to <i>Escherichia coli</i> Peptidoglycan. <i>Journal of Bacteriology</i> , 2007, 189, 3927-3931.	1.0	153
69	<i>Hafnia alvei</i> Endocarditis following Pyelonephritis in a Permanent Pacemaker Carrier. <i>Clinical Infectious Diseases</i> , 2007, 44, 621-621.	2.9	8
70	Selectivity for D-Lactate Incorporation into the Peptidoglycan Precursors of <i>Lactobacillus plantarum</i> : Role of Aad, a VanX-Like D-Alanyl-D-Alanine Dipeptidase. <i>Journal of Bacteriology</i> , 2007, 189, 4332-4337.	1.0	37
71	Relevance of Routine Use of the Anaerobic Blood Culture Bottle. <i>Journal of Clinical Microbiology</i> , 2007, 45, 2711-2715.	1.8	36
72	Molecular Diagnosis of <i>Kingella kingae</i> Pericarditis by Amplification and Sequencing of the 16S rRNA Gene. <i>Journal of Clinical Microbiology</i> , 2007, 45, 3133-3134.	1.8	19

#	ARTICLE	IF	CITATIONS
73	Endocardites à hémoculture négative. Revue Francophone Des Laboratoires, 2007, 2007, 42-45.	0.0	0
74	Characteristics and regional variations of group D streptococcal endocarditis in France. Clinical Microbiology and Infection, 2007, 13, 770-776.	2.8	51
75	Crystal Structure of a Novel β -Lactam-insensitive Peptidoglycan Transpeptidase. Journal of Molecular Biology, 2006, 359, 533-538.	2.0	110
76	Diabetes mellitus and infective endocarditis: the insulin factor in patient morbidity and mortality. European Heart Journal, 2006, 28, 59-64.	1.0	38
77	Aslfm, the D-Aspartate Ligase Responsible for the Addition of D-Aspartic Acid onto the Peptidoglycan Precursor of Enterococcus faecium. Journal of Biological Chemistry, 2006, 281, 11586-11594.	1.6	85
78	Novel Mechanism of Resistance to Glycopeptide Antibiotics in Enterococcus faecium. Journal of Biological Chemistry, 2006, 281, 32254-32262.	1.6	36
79	Hip Prosthesis Infection Due to Mycobacterium wolinskyi. Journal of Clinical Microbiology, 2006, 44, 3463-3464.	1.8	22
80	Lactate Racemization as a Rescue Pathway for Supplying d -Lactate to the Cell Wall Biosynthesis Machinery in Lactobacillus plantarum. Journal of Bacteriology, 2005, 187, 6750-6761.	1.0	81
81	A Novel Peptidoglycan Cross-linking Enzyme for a β -Lactam-resistant Transpeptidation Pathway. Journal of Biological Chemistry, 2005, 280, 38146-38152.	1.6	192
82	Cryopreserved Aortic Viable Homograft for Active Aortic Endocarditis. Annals of Thoracic Surgery, 2005, 79, 767-771.	0.7	42
83	Molecular Characterization of Trichomonas tenax Causing Pulmonary Infection. Journal of Clinical Microbiology, 2004, 42, 3886-3887.	1.8	45
84	Mechanism of Intrinsic Resistance to Vancomycin in Clostridium innocuum NCIB 10674. Journal of Bacteriology, 2004, 186, 3415-3422.	1.0	24
85	Faut-il encore doser les glycopeptides plasmatiques?. Revue Francaise Des Laboratoires, 2004, 2004, 35-38.	0.0	2
86	Pulmonary homograft endocarditis after ross procedure. Annals of Thoracic Surgery, 2004, 78, 687-689.	0.7	5
87	Molecular diagnosis of a vascular prosthesis infection, due to Propionibacterium acnes, by amplification and sequencing of 16S rDNA. Clinical Microbiology and Infection, 2003, 9, 1125-1127.	2.8	8
88	Fulminant invasive pulmonary aspergillosis in immunocompetent patients—a two-case report. Clinical Microbiology and Infection, 2003, 9, 1224-1227.	2.8	35
89	Outcome and Treatment of Bartonella Endocarditis. Archives of Internal Medicine, 2003, 163, 226.	4.3	202
90	Comparative molecular and microbiologic diagnosis of bacterial endocarditis. Emerging Infectious Diseases, 2003, 9, 1543-7.	2.0	63

#	ARTICLE	IF	CITATIONS
91	Balance between Two Transpeptidation Mechanisms Determines the Expression of Î²-Lactam Resistance in <i>Enterococcus faecium</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 35801-35807.	1.6	78
92	Comparison Between Adult Endocarditis Due to Î²-Hemolytic Streptococci (Serogroups A, B, C, and G) and <i>Streptococcus milleri</i> A Multicenter Study in France. <i>Archives of Internal Medicine</i> , 2002, 162, 2450.	4.3	64
93	Value of Microimmunofluorescence for Diagnosis and Follow-up of <i>Bartonella</i> Endocarditis. <i>Vaccine Journal</i> , 2002, 9, 795-801.	3.2	67
94	Changing Profile of Infective Endocarditis <SUBTITLE>Results of a 1-Year Survey in France</SUBTITLE>. <i>JAMA - Journal of the American Medical Association</i> , 2002, 288, 75.	3.8	840
95	Identification of the UDP-MurNAc-Pentapeptide: l-Alanine Ligase for Synthesis of Branched Peptidoglycan Precursors in <i>Enterococcus faecalis</i> . <i>Journal of Bacteriology</i> , 2001, 183, 5122-5127.	1.0	39
96	Epidemiologic and Clinical Characteristics of <i>Bartonella quintana</i> and <i>Bartonella henselae</i> Endocarditis. <i>Medicine (United States)</i> , 2001, 80, 245-251.	0.4	207
97	Consecutive bacillary angiomatosis and <i>Rhodococcus equi</i> bacteremia during acute leukemia: zoonoses may cause fever in neutropenic patients. <i>Clinical Microbiology and Infection</i> , 2000, 6, 334-336.	2.8	14
98	Novel Mechanism of Î²-Lactam Resistance Due to Bypass of DD-Transpeptidation in <i>Enterococcus faecium</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 16490-16496.	1.6	132
99	<i>Streptococcus pneumoniae</i> Endocarditis in Adults: A Multicenter Study in France in the Era of Penicillin Resistance (1991-1998). <i>Medicine (United States)</i> , 2000, 79, 327-337.	0.4	81
100	ANTIENTEROCOCCAL ANTIBIOTICS. <i>Medical Clinics of North America</i> , 2000, 84, 1471-1495.	1.1	7
101	Outbreak of Methicillin-Resistant <i>Staphylococcus aureus</i> with Reduced Susceptibility to Glycopeptides in a Parisian Hospital. <i>Journal of Clinical Microbiology</i> , 2000, 38, 2985-2988.	1.8	92
102	Resistance to cefotaxime and peptidoglycan composition in <i>Enterococcus faecalis</i> are influenced by exogenous sodium chloride. <i>Microbiology (United Kingdom)</i> , 1999, 145, 986-986.	0.7	0
103	Resistance to cefotaxime and peptidoglycan composition in <i>Enterococcus faecalis</i> are influenced by exogenous sodium chloride. <i>Microbiology (United Kingdom)</i> , 1998, 144, 2679-2685.	0.7	12
104	Critical Importance of In Vivo Amoxicillin and Cefotaxime Concentrations for Synergy in Treatment of Experimental <i>Enterococcus faecalis</i> Endocarditis. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 468-470.	1.4	14
105	Cat Scratch Disease Due to <i>Bartonella henselae</i> Serotype Marseille (Swiss Cat) in a Seronegative Patient. <i>Journal of Clinical Microbiology</i> , 1998, 36, 2800-2800.	1.8	21
106	Intraabdominal Macrocystic Lymphatic Malformation (Lymphangioma) Infected with <i>Salmonella enteritidis</i> : Case Report and Review. <i>Clinical Infectious Diseases</i> , 1997, 25, 751-752.	2.9	11
107	Vancomycin-resistant enterococci and methicillin-resistant <i>Staphylococcus aureus</i> . <i>Current Opinion in Infectious Diseases</i> , 1996, 9, 256-260.	1.3	6
108	Activity of Isepamicin and Selection of Permeability Mutants to Î²-Lactams during Aminoglycoside Therapy of Experimental Endocarditis Due to <i>Klebsiella pneumoniae</i> CF104 Producing an Aminoglycoside Acetyltransferase 6' Modifying Enzyme and a TEM-3 Î²-Lactamase. <i>Journal of Infectious Diseases</i> , 1994, 169, 1318-1324.	1.9	9