Vincent Cattoir

List of Publications by Year in descending order

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72 papers	4,652 citations	201674 27 h-index	114465 63 g-index
86 all docs	86 docs citations	86 times ranked	5903 citing authors

#	Article	IF	Citations
1	ResFinder 4.0 for predictions of phenotypes from genotypes. Journal of Antimicrobial Chemotherapy, 2020, 75, 3491-3500.	3.0	1,523
2	Enterococcus hirae and Barnesiella intestinihominis Facilitate Cyclophosphamide-Induced Therapeutic Immunomodulatory Effects. Immunity, 2016, 45, 931-943.	14.3	645
3	Cross-reactivity between tumor MHC class Iâ€“restricted antigens and an enterococcal bacteriophage. Science, 2020, 369, 936-942.	12.6	217
4	Twenty-five years of shared life with vancomycin-resistant enterococci: is it time to divorce?. Journal of Antimicrobial Chemotherapy, 2013, 68, 731-742.	3.0	190
5	Update on prevalence and mechanisms of resistance to linezolid, tigecycline and daptomycin in enterococci in Europe: Towards a common nomenclature. Drug Resistance Updates, 2018, 40, 25-39.	14.4	165
6	<scp>d</scp> -Ala- <scp>d</scp> -Ser VanN-Type Transferable Vancomycin Resistance in Enterococcus faecium. Antimicrobial Agents and Chemotherapy, 2011, 55, 4606-4612.	3.2	144
7	Fitness cost of antibiotic susceptibility during bacterial infection. Science Translational Medicine, 2015, 7, 297ra114.	12.4	122
8	A penicillin-binding protein inhibits selection of colistin-resistant, lipooligosaccharide-deficient Acinetobacter baumannii. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6228-E6237.	7.1	114
9	Bacterial Identification, Clinical Significance, and Antimicrobial Susceptibilities of Acinetobacter ursingii and Acinetobacter schindleri , Two Frequently Misidentified Opportunistic Pathogens. Journal of Clinical Microbiology, 2006, 44, 4471-4478.	3.9	113
10	Complex Regulation Pathways of AmpC-Mediated Î²-Lactam Resistance in Enterobacter cloacae Complex. Antimicrobial Agents and Chemotherapy, 2015, 59, 7753-7761.	3.2	88
11	Future Antibacterial Strategies: From Basic Concepts to Clinical Challenges. Journal of Infectious Diseases, 2019, 220, 350-360.	4.0	87
12	Antibiotic resistance inEnterococcus faeciumclinical isolates. Expert Review of Anti-Infective Therapy, 2014, 12, 239-248.	4.4	81
13	AsrR Is an Oxidative Stress Sensing Regulator Modulating Enterococcus faecium Opportunistic Traits, Antimicrobial Resistance, and Pathogenicity. PLoS Pathogens, 2012, 8, e1002834.	4.7	70
14	Cluster-dependent colistin hetero-resistance inEnterobacter cloacaecomplex. Journal of Antimicrobial Chemotherapy, 2016, 71, 3058-3061.	3.0	69
15	Bacterial Adaptation to Antibiotics through Regulatory RNAs. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	61
16	Phage Morons Play an Important Role in Pseudomonas aeruginosa Phenotypes. Journal of Bacteriology, 2018, 200, .	2.2	53
17	Genomic Analysis of Reduced Susceptibility to Tigecycline in Enterococcus faecium. Antimicrobial Agents and Chemotherapy, 2015, 59, 239-244.	3.2	52
18	Emergence of optrA-mediated linezolid resistance in enterococci from France, 2006â€“16. Journal of Antimicrobial Chemotherapy, 2019, 74, 1469-1472.	3.0	52

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19	Colistin heteroresistance in Enterobacter cloacae is regulated by PhoPQâ€dependent 4â€aminoâ€4â€deoxyâ€<scp>l</scp>â€arabinose addition to lipid A. Molecular Microbiology, 2019, 111, 1604-1616.	2.5	52
20	Genetic Basis for In Vitro and In Vivo Resistance to Lincosamides, Streptogramins A, and Pleuromutilins (LS _A P Phenotype) in Enterococcus faecium. Antimicrobial Agents and Chemotherapy, 2013, 57, 4463-4469.	3.2	47
21	Landscape of Resistance-Nodulation-Cell Division (RND)-Type Efflux Pumps in Enterobacter cloacae Complex. Antimicrobial Agents and Chemotherapy, 2016, 60, 2373-2382.	3.2	45
22	Subinhibitory Concentrations of Ciprofloxacin Enhance Antimicrobial Resistance and Pathogenicity of Enterococcus faecium. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	42
23	Multicentric evaluation of BioFire FilmArray Pneumonia Panel for rapid bacteriological documentation of pneumonia. Clinical Microbiology and Infection, 2021, 27, 1308-1314.	6.0	41
24	Microbiological investigation and clinical significance of Corynebacterium spp. in respiratory specimens. Diagnostic Microbiology and Infectious Disease, 2012, 74, 236-241.	1.8	35
25	Small RNAs in vancomycin-resistant Enterococcus faecium involved in daptomycin response and resistance. Scientific Reports, 2017, 7, 11067.	3.3	35
26	Molecular and functional analysis of the novel cfr(D) linezolid resistance gene identified in Enterococcus faecium. Journal of Antimicrobial Chemotherapy, 2020, 75, 1699-1703.	3.0	33
27	The multifaceted lifestyle of enterococci: genetic diversity, ecology and risks for public health. Current Opinion in Microbiology, 2022, 65, 73-80.	5.1	32
28	Comparison of four methods, including semi-automated rep-PCR, for the typing of vancomycin-resistant Enterococcus faecium. Journal of Microbiological Methods, 2011, 84, 74-80.	1.6	25
29	Ceftriaxone promotes the emergence of AmpC-overproducing Enterobacteriaceae in gut microbiota from hospitalized patients. European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 417-421.	2.9	23
30	How is fosfomycin resistance developed in Escherichia coli?. Future Microbiology, 2018, 13, 1693-1696.	2.0	23
31	Erm(X)-mediated resistance to macrolides, lincosamides and streptogramins in Actinobaculum schaalii. Journal of Antimicrobial Chemotherapy, 2014, 69, 2056-2060.	3.0	21
32	High-level carbapenem tolerance requires antibiotic-induced outer membrane modifications. PLoS Pathogens, 2022, 18, e1010307.	4.7	18
33	In Vitro Activity of Ceftolozane-Tazobactam against Enterobacter cloacae Complex Clinical Isolates with Different Î²-Lactam Resistance Phenotypes. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	15
34	Sequential steps of daptomycin resistance inEnterococcus faeciumand reversion to hypersusceptibility through IS-mediated inactivation of theliaFSRoperon. Journal of Antimicrobial Chemotherapy, 2016, 71, 2793-2797.	3.0	14
35	Genetic characterization of a VanG-type vancomycin-resistant Enterococcus faecium clinical isolate. Journal of Antimicrobial Chemotherapy, 2018, 73, 852-855.	3.0	14
36	Genetic features of the poxtA linezolid resistance gene in human enterococci from France. Journal of Antimicrobial Chemotherapy, 2021, 76, 1978-1985.	3.0	14

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37	In vitro activity of novel anti-MRSA cephalosporins and comparator antimicrobial agents against staphylococci involved in prosthetic joint infections. Journal of Global Antimicrobial Resistance, 2018, 13, 221-225.	2.2	13
38	ramR Deletion in an Enterobacter hormaechei Isolate as a Consequence of Therapeutic Failure of Key Antibiotics in a Long-Term Hospitalized Patient. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	13
39	Beneficial effects of citrulline enteral administration on sepsis-induced T cell mitochondrial dysfunction. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	13
40	Identification and Clinical Significance of Helcococcus kunzii in Human Samples. Journal of Clinical Microbiology, 2015, 53, 2703-2705.	3.9	12
41	Emergence of a Streptococcus pneumoniae isolate resistant to streptogramins by mutation in ribosomal protein L22 during pristinamycin therapy of pneumococcal pneumonia. Journal of Antimicrobial Chemotherapy, 2007, 59, 1010-1012.	3.0	11
42	In vitro bactericidal activity of amoxicillin combined with different cephalosporins against endocarditis-associated Enterococcus faecalis clinical isolates. Journal of Antimicrobial Chemotherapy, 2019, 74, 3511-3514.	3.0	11
43	In Vitro Antimicrobial Susceptibility Profiles of Gram-Positive Anaerobic Cocci Responsible for Human Invasive Infections. Microorganisms, 2021, 9, 1665.	3.6	11
44	Antimicrobial Resistance in Enterobacterales Recovered from Urinary Tract Infections in France. Pathogens, 2022, 11, 356.	2.8	11
45	Novel Chromosomal Mutations Responsible for Fosfomycin Resistance in Escherichia coli. Frontiers in Microbiology, 2020, 11, 575031.	3.5	10
46	Streptogramins for the treatment of infections caused by Gram-positive pathogens. Expert Review of Anti-Infective Therapy, 2021, 19, 587-599.	4.4	10
47	The Association Between Antibiotic Use and Outcome Among Metastatic Melanoma Patients Receiving Immunotherapy. Journal of the National Cancer Institute, 2022, , .	6.3	10
48	Development and validation of a lateral flow immunoassay for rapid detection of VanA-producing enterococci. Journal of Antimicrobial Chemotherapy, 2021, 76, 146-151.	3.0	9
49	Optimization of the rapid carbapenem inactivation method for use with AmpC hyperproducers. Journal of Antimicrobial Chemotherapy, 2021, 76, 2294-2301.	3.0	9
50	Efficient and Quality-Optimized Metagenomic Pipeline Designed for Taxonomic Classification in Routine Microbiological Clinical Tests. Microorganisms, 2022, 10, 711.	3.6	9
51	Landscape of in vivo Fitness-Associated Genes of Enterobacter cloacae Complex. Frontiers in Microbiology, 2020, 11, 1609.	3.5	8
52	Distinct expression profiles of regulatory RNAs in the response to biocides in Staphylococcus aureus and Enterococcus faecium. Scientific Reports, 2021, 11, 6892.	3.3	8
53	Performance of commercial methods for linezolid susceptibility testing of Enterococcus faecium and Enterococcus faecalis. Journal of Antimicrobial Chemotherapy, 2020, 75, 2587-2593.	3.0	8
54	High Prevalence of OXA-23 Carbapenemase-Producing Proteus mirabilis among Amoxicillin-Clavulanate-Resistant Isolates in France. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0198321.	3.2	8

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55	Unexpected Activity of Oral Fosfomycin against Resistant Strains of Escherichia coli in Murine Pyelonephritis. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	7
56	The Transcriptional Repressor SmvR Is Important for Decreased Chlorhexidine Susceptibility in Enterobacter cloacae Complex. Antimicrobial Agents and Chemotherapy, 2019, 64, .	3.2	7
57	Analysis of Paradoxical Efficacy of Carbapenems against Carbapenemase-Producing Escherichia coli in a Murine Model of Lethal Peritonitis. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	7
58	Temocillin susceptibility among Enterobacterales strains recovered from blood culture in France. Diagnostic Microbiology and Infectious Disease, 2021, 100, 115368.	1.8	7
59	Unexpected Cell Wall Alteration-Mediated Bactericidal Activity of the Antifungal Caspofungin against Vancomycin-Resistant Enterococcus faecium. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	6
60	In vitro activity of eravacycline and mechanisms of resistance in enterococci. International Journal of Antimicrobial Agents, 2020, 56, 106215.	2.5	6
61	Molecular basis of macrolide-lincosamide-streptogramin (MLS) resistance in Finegoldia magna clinical isolates. Anaerobe, 2020, 64, 102220.	2.1	6
62	Rapid Detection of VanA/B-Producing Vancomycin-Resistant Enterococci Using Lateral Flow Immunoassay. Diagnostics, 2021, 11, 1805.	2.6	5
63	Novel chromosome-encodederm(47) determinant responsible for constitutive MLS_Bresistance inHelcococcus kunzii. Journal of Antimicrobial Chemotherapy, 2016, 71, 3046-3049.	3.0	3
64	Clinical relevance and antimicrobial susceptibility profile of the unknown human pathogen Corynebacterium aurimucosum. Journal of Medical Microbiology, 2021, 70, .	1.8	3
65	Activity of the combination of colistin and fosfomycin against NDM-1-producing Escherichia coli with variable levels of susceptibility to colistin and fosfomycin in a murine model of peritonitis. Journal of Antimicrobial Chemotherapy, 2021, 77, 155-163.	3.0	3
66	Small RNA-mediated regulation of the tet(M) resistance gene expression in Enterococcus faecium. Research in Microbiology, 2022, 173, 103941.	2.1	3
67	Avrilella dinanensis gen. nov., sp. nov., a novel bacterium of the family Flavobacteriaceae isolated from human blood. Systematic and Applied Microbiology, 2020, 43, 126124.	2.8	2
68	Neutrophil function and bactericidal activity againstStaphylococcus aureusafter cardiac surgery with cardiopulmonary bypass. Journal of Leukocyte Biology, 2022, 111, 867-876.	3.3	2
69	The Regulatory RNA ern0160 Confers a Potential Selective Advantage to Enterococcus faecium for Intestinal Colonization. Frontiers in Microbiology, 2021, 12, 757227.	3.5	1
70	Evaluation of CHROMagarâ„¢ LIN-R for the Screening of Linezolid Resistant Staphylococci from Positive Blood Cultures and Nasal Swab Screening Samples. Antibiotics, 2022, 11, 313.	3.7	1
71	Helcococcus kunzii methyltransferase Erm(47) responsible for MLSB resistance is induced by diverse ribosome-targeting antibiotics. Journal of Antimicrobial Chemotherapy, 2019, 75, 371-378.	3.0	0
72	Optimization of the rapid carbapenem inactivation method for use with AmpC hyperproducersâ€"authorsâ€™ response. Journal of Antimicrobial Chemotherapy, 2022, 77, 1210-1211.	3.0	0