

# Vincent Cattoir

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

4,652  
citations

201385

27  
h-index

114278

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. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3491-3500.	1.3	1,523
2	<i>Enterococcus hirae</i> and <i>Barnesiella intestinihominis</i> Facilitate Cyclophosphamide-Induced Therapeutic Immunomodulatory Effects. <i>Immunity</i> , 2016, 45, 931-943.	6.6	645
3	Cross-reactivity between tumor MHC class II-restricted antigens and an enterococcal bacteriophage. <i>Science</i> , 2020, 369, 936-942.	6.0	217
4	Twenty-five years of shared life with vancomycin-resistant enterococci: is it time to divorce?. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 731-742.	1.3	190
5	Update on prevalence and mechanisms of resistance to linezolid, tigecycline and daptomycin in enterococci in Europe: Towards a common nomenclature. <i>Drug Resistance Updates</i> , 2018, 40, 25-39.	6.5	165
6	<i>Ala</i> - <i>Ser</i> VanN-Type Transferable Vancomycin Resistance in <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4606-4612.	1.4	144
7	Fitness cost of antibiotic susceptibility during bacterial infection. <i>Science Translational Medicine</i> , 2015, 7, 297ra114.	5.8	122
8	A penicillin-binding protein inhibits selection of colistin-resistant, lipooligosaccharide-deficient <i>Acinetobacter baumannii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6228-E6237.	3.3	114
9	Bacterial Identification, Clinical Significance, and Antimicrobial Susceptibilities of <i>Acinetobacter ursingii</i> and <i>Acinetobacter schindleri</i> , Two Frequently Misidentified Opportunistic Pathogens. <i>Journal of Clinical Microbiology</i> , 2006, 44, 4471-4478.	1.8	113
10	Complex Regulation Pathways of AmpC-Mediated $\beta$ -Lactam Resistance in <i>Enterobacter cloacae</i> Complex. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7753-7761.	1.4	88
11	Future Antibacterial Strategies: From Basic Concepts to Clinical Challenges. <i>Journal of Infectious Diseases</i> , 2019, 220, 350-360.	1.9	87
12	Antibiotic resistance in <i>Enterococcus faecium</i> clinical isolates. <i>Expert Review of Anti-Infective Therapy</i> , 2014, 12, 239-248.	2.0	81
13	AsrR Is an Oxidative Stress Sensing Regulator Modulating <i>Enterococcus faecium</i> Opportunistic Traits, Antimicrobial Resistance, and Pathogenicity. <i>PLoS Pathogens</i> , 2012, 8, e1002834.	2.1	70
14	Cluster-dependent colistin hetero-resistance in <i>Enterobacter cloacae</i> complex. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 3058-3061.	1.3	69
15	Bacterial Adaptation to Antibiotics through Regulatory RNAs. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	61
16	Phage Morons Play an Important Role in <i>Pseudomonas aeruginosa</i> Phenotypes. <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	53
17	Genomic Analysis of Reduced Susceptibility to Tigecycline in <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 239-244.	1.4	52
18	Emergence of <i>optrA</i> -mediated linezolid resistance in enterococci from France, 2006-2016. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1469-1472.	1.3	52

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19	Colistin heteroresistance in <i>Enterobacter cloacae</i> is regulated by PhoPQ-dependent 4-aminodeoxyarabinose addition to lipid A. <i>Molecular Microbiology</i> , 2019, 111, 1604-1612.	1.2	52
20	Genetic Basis for <i>In Vitro</i> and <i>In Vivo</i> Resistance to Lincosamides, Streptogramins A, and Pleuromutilins (LS <sub>A</sub> P Phenotype) in <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4463-4469.	1.4	47
21	Landscape of Resistance-Nodulation-Cell Division (RND)-Type Efflux Pumps in <i>Enterobacter cloacae</i> Complex. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2373-2382.	1.4	45
22	Subinhibitory Concentrations of Ciprofloxacin Enhance Antimicrobial Resistance and Pathogenicity of <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	42
23	Multicentric evaluation of BioFire FilmArray Pneumonia Panel for rapid bacteriological documentation of pneumonia. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1308-1314.	2.8	41
24	Microbiological investigation and clinical significance of <i>Corynebacterium</i> spp. in respiratory specimens. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 74, 236-241.	0.8	35
25	Small RNAs in vancomycin-resistant <i>Enterococcus faecium</i> involved in daptomycin response and resistance. <i>Scientific Reports</i> , 2017, 7, 11067.	1.6	35
26	Molecular and functional analysis of the novel cfr(D) linezolid resistance gene identified in <i>Enterococcus faecium</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1699-1703.	1.3	33
27	The multifaceted lifestyle of enterococci: genetic diversity, ecology and risks for public health. <i>Current Opinion in Microbiology</i> , 2022, 65, 73-80.	2.3	32
28	Comparison of four methods, including semi-automated rep-PCR, for the typing of vancomycin-resistant <i>Enterococcus faecium</i> . <i>Journal of Microbiological Methods</i> , 2011, 84, 74-80.	0.7	25
29	Ceftriaxone promotes the emergence of AmpC-overproducing <i>Enterobacteriaceae</i> in gut microbiota from hospitalized patients. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 417-421.	1.3	23
30	How is fosfomycin resistance developed in <i>Escherichia coli</i> ?. <i>Future Microbiology</i> , 2018, 13, 1693-1696.	1.0	23
31	Erm(X)-mediated resistance to macrolides, lincosamides and streptogramins in <i>Actinobaculum schaalii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2056-2060.	1.3	21
32	High-level carbapenem tolerance requires antibiotic-induced outer membrane modifications. <i>PLoS Pathogens</i> , 2022, 18, e1010307.	2.1	18
33	<i>In Vitro</i> Activity of Ceftolozane-Tazobactam against <i>Enterobacter cloacae</i> Complex Clinical Isolates with Different $\beta$ -Lactam Resistance Phenotypes. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	15
34	Sequential steps of daptomycin resistance in <i>Enterococcus faecium</i> and reversion to hypersusceptibility through IS-mediated inactivation of the <i>liaFSR</i> operon. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 2793-2797.	1.3	14
35	Genetic characterization of a VanG-type vancomycin-resistant <i>Enterococcus faecium</i> clinical isolate. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 852-855.	1.3	14
36	Genetic features of the <i>poxTA</i> linezolid resistance gene in human enterococci from France. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1978-1985.	1.3	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. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 13, 221-225.	0.9	13
38	<i>ramR</i> Deletion in an <i>Enterobacter hormaechei</i> Isolate as a Consequence of Therapeutic Failure of Key Antibiotics in a Long-Term Hospitalized Patient. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	13
39	Beneficial effects of citrulline enteral administration on sepsis-induced T cell mitochondrial dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	13
40	Identification and Clinical Significance of <i>Helcococcus kunzii</i> in Human Samples. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2703-2705.	1.8	12
41	Emergence of a <i>Streptococcus pneumoniae</i> isolate resistant to streptogramins by mutation in ribosomal protein L22 during pristinamycin therapy of pneumococcal pneumonia. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 59, 1010-1012.	1.3	11
42	In vitro bactericidal activity of amoxicillin combined with different cephalosporins against endocarditis-associated <i>Enterococcus faecalis</i> clinical isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3511-3514.	1.3	11
43	In Vitro Antimicrobial Susceptibility Profiles of Gram-Positive Anaerobic Cocci Responsible for Human Invasive Infections. <i>Microorganisms</i> , 2021, 9, 1665.	1.6	11
44	Antimicrobial Resistance in Enterobacterales Recovered from Urinary Tract Infections in France. <i>Pathogens</i> , 2022, 11, 356.	1.2	11
45	Novel Chromosomal Mutations Responsible for Fosfomycin Resistance in <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 575031.	1.5	10
46	Streptogramins for the treatment of infections caused by Gram-positive pathogens. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 587-599.	2.0	10
47	The Association Between Antibiotic Use and Outcome Among Metastatic Melanoma Patients Receiving Immunotherapy. <i>Journal of the National Cancer Institute</i> , 2022, , .	3.0	10
48	Development and validation of a lateral flow immunoassay for rapid detection of VanA-producing enterococci. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 146-151.	1.3	9
49	Optimization of the rapid carbapenem inactivation method for use with AmpC hyperproducers. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2294-2301.	1.3	9
50	Efficient and Quality-Optimized Metagenomic Pipeline Designed for Taxonomic Classification in Routine Microbiological Clinical Tests. <i>Microorganisms</i> , 2022, 10, 711.	1.6	9
51	Landscape of in vivo Fitness-Associated Genes of <i>Enterobacter cloacae</i> Complex. <i>Frontiers in Microbiology</i> , 2020, 11, 1609.	1.5	8
52	Distinct expression profiles of regulatory RNAs in the response to biocides in <i>Staphylococcus aureus</i> and <i>Enterococcus faecium</i> . <i>Scientific Reports</i> , 2021, 11, 6892.	1.6	8
53	Performance of commercial methods for linezolid susceptibility testing of <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2587-2593.	1.3	8
54	High Prevalence of OXA-23 Carbapenemase-Producing <i>Proteus mirabilis</i> among Amoxicillin-Clavulanate-Resistant Isolates in France. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0198321.	1.4	8

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55	Unexpected Activity of Oral Fosfomycin against Resistant Strains of <i>Escherichia coli</i> in Murine Pyelonephritis. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	7
56	The Transcriptional Repressor SmvR Is Important for Decreased Chlorhexidine Susceptibility in <i>Enterobacter cloacae</i> Complex. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 64, .	1.4	7
57	Analysis of Paradoxical Efficacy of Carbapenems against Carbapenemase-Producing <i>Escherichia coli</i> in a Murine Model of Lethal Peritonitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	7
58	Temocillin susceptibility among Enterobacterales strains recovered from blood culture in France. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115368.	0.8	7
59	Unexpected Cell Wall Alteration-Mediated Bactericidal Activity of the Antifungal Caspofungin against Vancomycin-Resistant <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	6
60	In vitro activity of eravacycline and mechanisms of resistance in enterococci. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106215.	1.1	6
61	Molecular basis of macrolide-lincosamide-streptogramin (MLS) resistance in <i>Finegoldia magna</i> clinical isolates. <i>Anaerobe</i> , 2020, 64, 102220.	1.0	6
62	Rapid Detection of VanA/B-Producing Vancomycin-Resistant Enterococci Using Lateral Flow Immunoassay. <i>Diagnostics</i> , 2021, 11, 1805.	1.3	5
63	Novel chromosome-encoded <i>erm</i> (47) determinant responsible for constitutive MLS <sub>B</sub> resistance in <i>Helcococcus kunzii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 3046-3049.	1.3	3
64	Clinical relevance and antimicrobial susceptibility profile of the unknown human pathogen <i>Corynebacterium aurimucosum</i> . <i>Journal of Medical Microbiology</i> , 2021, 70, .	0.7	3
65	Activity of the combination of colistin and fosfomycin against NDM-1-producing <i>Escherichia coli</i> with variable levels of susceptibility to colistin and fosfomycin in a murine model of peritonitis. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 77, 155-163.	1.3	3
66	Small RNA-mediated regulation of the tet(M) resistance gene expression in <i>Enterococcus faecium</i> . <i>Research in Microbiology</i> , 2022, 173, 103941.	1.0	3
67	<i>Avrillella dinanensis</i> gen. nov., sp. nov., a novel bacterium of the family Flavobacteriaceae isolated from human blood. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126124.	1.2	2
68	Neutrophil function and bactericidal activity against <i>Staphylococcus aureus</i> after cardiac surgery with cardiopulmonary bypass. <i>Journal of Leukocyte Biology</i> , 2022, 111, 867-876.	1.5	2
69	The Regulatory RNA ern0160 Confers a Potential Selective Advantage to <i>Enterococcus faecium</i> for Intestinal Colonization. <i>Frontiers in Microbiology</i> , 2021, 12, 757227.	1.5	1
70	Evaluation of CHROMagar <sup>®</sup> , <sup>†</sup> LIN-R for the Screening of Linezolid Resistant Staphylococci from Positive Blood Cultures and Nasal Swab Screening Samples. <i>Antibiotics</i> , 2022, 11, 313.	1.5	1
71	<i>Helcococcus kunzii</i> methyltransferase Erm(47) responsible for MLSB resistance is induced by diverse ribosome-targeting antibiotics. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 75, 371-378.	1.3	0
72	Optimization of the rapid carbapenem inactivation method for use with AmpC hyperproducers <sup>™</sup> authors <sup>™</sup> response. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 1210-1211.	1.3	0