

# Vincent Cattoir

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | 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.                   | 3.3 | 2         |
| 2  | The multifaceted lifestyle of enterococci: genetic diversity, ecology and risks for public health. <i>Current Opinion in Microbiology</i> , 2022, 65, 73-80.  | 5.1 | 32        |
| 3  | High-level carbapenem tolerance requires antibiotic-induced outer membrane modifications. <i>PLoS Pathogens</i> , 2022, 18, e1010307.   | 4.7 | 18        |
| 4  | Optimization of the rapid carbapenem inactivation method for use with AmpC hyperproducers' authors' response. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 1210-1211.                                 | 3.0 | 0         |
| 5  | Evaluation of CHROMagar <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.              | 3.7 | 1         |
| 6  | 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, . | 7.1 | 13        |
| 7  | 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.       | 3.2 | 8         |
| 8  | Antimicrobial Resistance in Enterobacterales Recovered from Urinary Tract Infections in France. <i>Pathogens</i> , 2022, 11, 356.   | 2.8 | 11        |
| 9  | Efficient and Quality-Optimized Metagenomic Pipeline Designed for Taxonomic Classification in Routine Microbiological Clinical Tests. <i>Microorganisms</i> , 2022, 10, 711.                                      | 3.6 | 9         |
| 10 | The Association Between Antibiotic Use and Outcome Among Metastatic Melanoma Patients Receiving Immunotherapy. <i>Journal of the National Cancer Institute</i> , 2022, , .  | 6.3 | 10        |
| 11 | Small RNA-mediated regulation of the tet(M) resistance gene expression in <i>Enterococcus faecium</i> . <i>Research in Microbiology</i> , 2022, 173, 103941.  | 2.1 | 3         |
| 12 | 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.                                     | 3.0 | 9         |
| 13 | Streptogramins for the treatment of infections caused by Gram-positive pathogens. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 587-599.   | 4.4 | 10        |
| 14 | Clinical relevance and antimicrobial susceptibility profile of the unknown human pathogen <i>Corynebacterium aurimucosum</i> . <i>Journal of Medical Microbiology</i> , 2021, 70, .                               | 1.8 | 3         |
| 15 | 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.                         | 3.3 | 8         |
| 16 | Genetic features of the <i>poxA</i> linezolid resistance gene in human enterococci from France. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1978-1985.   | 3.0 | 14        |
| 17 | Optimization of the rapid carbapenem inactivation method for use with AmpC hyperproducers. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2294-2301.  | 3.0 | 9         |
| 18 | Temocillin susceptibility among Enterobacterales strains recovered from blood culture in France. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115368.                                       | 1.8 | 7         |

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|----|--|------|-----------|
| 19 | In Vitro Antimicrobial Susceptibility Profiles of Gram-Positive Anaerobic Cocci Responsible for Human Invasive Infections. <i>Microorganisms</i> , 2021, 9, 1665.  | 3.6  | 11        |
| 20 | Rapid Detection of VanA/B-Producing Vancomycin-Resistant Enterococci Using Lateral Flow Immunoassay. <i>Diagnostics</i> , 2021, 11, 1805.  | 2.6  | 5         |
| 21 | Multicentric evaluation of BioFire FilmArray Pneumonia Panel for rapid bacteriological documentation of pneumonia. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1308-1314.   | 6.0  | 41        |
| 22 | 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. | 3.0  | 3         |
| 23 | The Regulatory RNA <i>ern0160</i> Confers a Potential Selective Advantage to <i>Enterococcus faecium</i> for Intestinal Colonization. <i>Frontiers in Microbiology</i> , 2021, 12, 757227.   | 3.5  | 1         |
| 24 | Novel Chromosomal Mutations Responsible for Fosfomycin Resistance in <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 575031.  | 3.5  | 10        |
| 25 | Landscape of in vivo Fitness-Associated Genes of <i>Enterobacter cloacae</i> Complex. <i>Frontiers in Microbiology</i> , 2020, 11, 1609.   | 3.5  | 8         |
| 26 | <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.  | 2.8  | 2         |
| 27 | 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, .   | 3.2  | 6         |
| 28 | <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, .   | 3.2  | 13        |
| 29 | In vitro activity of eravacycline and mechanisms of resistance in enterococci. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106215.  | 2.5  | 6         |
| 30 | ResFinder 4.0 for predictions of phenotypes from genotypes. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3491-3500.  | 3.0  | 1,523     |
| 31 | Cross-reactivity between tumor MHC class II-restricted antigens and an enterococcal bacteriophage. <i>Science</i> , 2020, 369, 936-942.  | 12.6 | 217       |
| 32 | 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, .  | 3.2  | 7         |
| 33 | Molecular basis of macrolide-lincosamide-streptogramin (MLS) resistance in <i>Fingoldia magna</i> clinical isolates. <i>Anaerobe</i> , 2020, 64, 102220.   | 2.1  | 6         |
| 34 | Molecular and functional analysis of the novel <i>cfr(D)</i> linezolid resistance gene identified in <i>Enterococcus faecium</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1699-1703.   | 3.0  | 33        |
| 35 | 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.   | 3.0  | 8         |
| 36 | <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.  | 3.0  | 0         |

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|----|---|------|-----------|
| 37 | 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.        | 3.0  | 11        |
| 38 | Unexpected Activity of Oral Fosfomycin against Resistant Strains of <i>Escherichia coli</i> in Murine Pyelonephritis. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .  | 3.2  | 7         |
| 39 | Future Antibacterial Strategies: From Basic Concepts to Clinical Challenges. <i>Journal of Infectious Diseases</i> , 2019, 220, 350-360.  | 4.0  | 87        |
| 40 | Emergence of <i>optrA</i> -mediated linezolid resistance in enterococci from France, 2006-2016. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1469-1472.   | 3.0  | 52        |
| 41 | Colistin heteroresistance in <i>Enterobacter cloacae</i> is regulated by PhoPQ-dependent 4-aminodeoxyarabinose addition to lipid A. <i>Molecular Microbiology</i> , 2019, 111, 1604-1616.   | 2.5  | 52        |
| 42 | The Transcriptional Repressor <i>SmvR</i> Is Important for Decreased Chlorhexidine Susceptibility in <i>Enterobacter cloacae</i> Complex. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 64, .  | 3.2  | 7         |
| 43 | 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.                   | 2.2  | 13        |
| 44 | Genetic characterization of a VanG-type vancomycin-resistant <i>Enterococcus faecium</i> clinical isolate. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 852-855.  | 3.0  | 14        |
| 45 | Ceftriaxone promotes the emergence of AmpC-overproducing Enterobacteriaceae in gut microbiota from hospitalized patients. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 417-421.                         | 2.9  | 23        |
| 46 | Bacterial Adaptation to Antibiotics through Regulatory RNAs. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .   | 3.2  | 61        |
| 47 | 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.   | 14.4 | 165       |
| 48 | How is fosfomycin resistance developed in <i>Escherichia coli</i> ?. <i>Future Microbiology</i> , 2018, 13, 1693-1696.  | 2.0  | 23        |
| 49 | Phage Morons Play an Important Role in <i>Pseudomonas aeruginosa</i> Phenotypes. <i>Journal of Bacteriology</i> , 2018, 200, .  | 2.2  | 53        |
| 50 | <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, .               | 3.2  | 15        |
| 51 | Subinhibitory Concentrations of Ciprofloxacin Enhance Antimicrobial Resistance and Pathogenicity of <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .  | 3.2  | 42        |
| 52 | Small RNAs in vancomycin-resistant <i>Enterococcus faecium</i> involved in daptomycin response and resistance. <i>Scientific Reports</i> , 2017, 7, 11067.  | 3.3  | 35        |
| 53 | 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. | 3.0  | 14        |
| 54 | 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.  | 3.2  | 45        |

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|----|---|------|-----------|
| 55 | A penicillin-binding protein inhibits selection of colistin-resistant, lipooligosaccharide-deficient <i>Acinetobacter baumannii</i> . Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6228-E6237.                          | 7.1  | 114       |
| 56 | <i>Enterococcus hirae</i> and <i>Barnesiella intestinihominis</i> Facilitate Cyclophosphamide-Induced Therapeutic Immunomodulatory Effects. Immunity, 2016, 45, 931-943.  | 14.3 | 645       |
| 57 | Cluster-dependent colistin hetero-resistance in <i>Enterobacter cloacae</i> complex. Journal of Antimicrobial Chemotherapy, 2016, 71, 3058-3061.  | 3.0  | 69        |
| 58 | Novel chromosome-encoded <i>erm</i> (47) determinant responsible for constitutive MLS <sub>B</sub> resistance in <i>Helcococcus kunzii</i> . Journal of Antimicrobial Chemotherapy, 2016, 71, 3046-3049.  | 3.0  | 3         |
| 59 | Identification and Clinical Significance of <i>Helcococcus kunzii</i> in Human Samples. Journal of Clinical Microbiology, 2015, 53, 2703-2705.  | 3.9  | 12        |
| 60 | Fitness cost of antibiotic susceptibility during bacterial infection. Science Translational Medicine, 2015, 7, 297ra114.  | 12.4 | 122       |
| 61 | Complex Regulation Pathways of AmpC-Mediated $\hat{I}^2$ -Lactam Resistance in <i>Enterobacter cloacae</i> Complex. Antimicrobial Agents and Chemotherapy, 2015, 59, 7753-7761.   | 3.2  | 88        |
| 62 | Genomic Analysis of Reduced Susceptibility to Tigecycline in <i>Enterococcus faecium</i> . Antimicrobial Agents and Chemotherapy, 2015, 59, 239-244.  | 3.2  | 52        |
| 63 | Antibiotic resistance in <i>Enterococcus faecium</i> clinical isolates. Expert Review of Anti-Infective Therapy, 2014, 12, 239-248.   | 4.4  | 81        |
| 64 | Erm(X)-mediated resistance to macrolides, lincosamides and streptogramins in <i>Actinobaculum schaalii</i> . Journal of Antimicrobial Chemotherapy, 2014, 69, 2056-2060.  | 3.0  | 21        |
| 65 | 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       |
| 66 | 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> . Antimicrobial Agents and Chemotherapy, 2013, 57, 4463-4469.                        | 3.2  | 47        |
| 67 | AsrR Is an Oxidative Stress Sensing Regulator Modulating <i>Enterococcus faecium</i> Opportunistic Traits, Antimicrobial Resistance, and Pathogenicity. PLoS Pathogens, 2012, 8, e1002834.  | 4.7  | 70        |
| 68 | Microbiological investigation and clinical significance of <i>Corynebacterium</i> spp. in respiratory specimens. Diagnostic Microbiology and Infectious Disease, 2012, 74, 236-241.   | 1.8  | 35        |
| 69 | Comparison of four methods, including semi-automated rep-PCR, for the typing of vancomycin-resistant <i>Enterococcus faecium</i> . Journal of Microbiological Methods, 2011, 84, 74-80.   | 1.6  | 25        |
| 70 | $\Delta$ -Ala- $\Delta$ -Ser VanN-Type Transferable Vancomycin Resistance in <i>Enterococcus faecium</i> . Antimicrobial Agents and Chemotherapy, 2011, 55, 4606-4612.  | 3.2  | 144       |
| 71 | Emergence of a <i>Streptococcus pneumoniae</i> 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        |
| 72 | Bacterial Identification, Clinical Significance, and Antimicrobial Susceptibilities of <i>Acinetobacter ursingii</i> and <i>Acinetobacter schindleri</i> , Two Frequently Misidentified Opportunistic Pathogens. Journal of Clinical Microbiology, 2006, 44, 4471-4478. | 3.9  | 113       |