

# Jean-Philippe CÃ'tÃ©

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10775269/publications.pdf>

Version: 2024-02-01

17  
papers

681  
citations

759233

12  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1040  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Pentamidine sensitizes Gram-negative pathogens to antibiotics and overcomes acquired colistin resistance. <i>Nature Microbiology</i> , 2017, 2, 17028.  | 13.3 | 256       |
| 2  | Potential of Antibiotics against Gram-Negative Bacteria by Polymyxin B Analogue SPR741 from Unique Perturbation of the Outer Membrane. <i>ACS Infectious Diseases</i> , 2020, 6, 1405-1412.                         | 3.8  | 72        |
| 3  | A robust platform for chemical genomics in bacterial systems. <i>Molecular Biology of the Cell</i> , 2016, 27, 1015-1025.   | 2.1  | 57        |
| 4  | Adjuvant potential of archaeal synthetic glycolipid mimetics critically depends on the glyco head group structure. <i>Glycobiology</i> , 2008, 18, 559-565.   | 2.5  | 39        |
| 5  | The Genome-Wide Interaction Network of Nutrient Stress Genes in <i>Escherichia coli</i> . <i>MBio</i> , 2016, 7, .  | 4.1  | 30        |
| 6  | A structural motif is the recognition site for a new family of bacterial protein <i>O</i> -glycosyltransferases. <i>Molecular Microbiology</i> , 2012, 83, 894-907.   | 2.5  | 29        |
| 7  | Bacteria Getting into Shape: Genetic Determinants of <i>E. coli</i> Morphology. <i>MBio</i> , 2017, 8, .  | 4.1  | 29        |
| 8  | Chemical Screen for Vancomycin Antagonism Uncovers Probes of the Gram-Negative Outer Membrane. <i>ACS Chemical Biology</i> , 2021, 16, 929-942.   | 3.4  | 29        |
| 9  | Glycosylation of the <i>Escherichia coli</i> TibA Self-Associating Autotransporter Influences the Conformation and the Functionality of the Protein. <i>PLoS ONE</i> , 2013, 8, e80739.                             | 2.5  | 28        |
| 10 | Conformation Change in a Self-recognizing Autotransporter Modulates Bacterial Cell-Cell Interaction. <i>Journal of Biological Chemistry</i> , 2010, 285, 10616-10626.   | 3.4  | 22        |
| 11 | Genetic and Chemical-Genetic Interactions Map Biogenesis and Permeability Determinants of the Outer Membrane of <i>Escherichia coli</i> . <i>MBio</i> , 2020, 11, .   | 4.1  | 20        |
| 12 | Structure-Function Analysis of the TibA Self-Associating Autotransporter Reveals a Modular Organization. <i>Infection and Immunity</i> , 2011, 79, 1826-1832.   | 2.2  | 17        |
| 13 | Preclinical Development of Pentamidine Analogs Identifies a Potent and Nontoxic Antibiotic Adjuvant. <i>ACS Infectious Diseases</i> , 2022, 8, 768-777.   | 3.8  | 13        |
| 14 | Exploiting the Sensitivity of Nutrient Transporter Deletion Strains in Discovery of Natural Product Antimetabolites. <i>ACS Infectious Diseases</i> , 2017, 3, 955-965.   | 3.8  | 12        |
| 15 | Glycosidase-induced fusion of isoprenoid gentiobiosyl lipid membranes at acidic pH. <i>Glycobiology</i> , 2009, 19, 267-276.  | 2.5  | 11        |
| 16 | A whole-cell, high-throughput hydrogenase assay to identify factors that modulate [NiFe]-hydrogenase activity. <i>Journal of Biological Chemistry</i> , 2019, 294, 15373-15385.                                     | 3.4  | 11        |
| 17 | Identification and Mechanism of Evolution of New Alleles Coding for the AIDA-I Autotransporter of Porcine Pathogenic <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 4597-4605. | 3.1  | 4         |