

Muriel Masi

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,620
citations

411340

20
h-index

488211

31
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32
all docs

32
docs citations

32
times ranked

2365
citing authors

#	ARTICLE	IF	CITATIONS
1	Porins and small-molecule translocation across the outer membrane of Gram-negative bacteria. <i>Nature Reviews Microbiology</i> , 2020, 18, 164-176.	13.6	225
2	Fluorescent macrolide probes â€“ synthesis and use in evaluation of bacterial resistance. <i>RSC Chemical Biology</i> , 2020, 1, 395-404.	2.0	28
3	The C-terminal domain of <i>Corynebacterium glutamicum</i> mycolyltransferase A is composed of five repeated motifs involved in cell wall binding and stability. <i>Molecular Microbiology</i> , 2020, 114, 1-16.	1.2	4
4	The challenge of intracellular antibiotic accumulation, a function of fluoroquinolone influx versus bacterial efflux. <i>Communications Biology</i> , 2020, 3, 198.	2.0	34
5	Complex Response of the CpxAR Two-Component System to Î²-Lactams on Antibiotic Resistance and Envelope Homeostasis in <i>Enterobacteriaceae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	22
6	Role of the unique, non-essential phosphatidylglycerol::prolipoprotein diacylglyceryl transferase (Lgt) in <i>Corynebacterium glutamicum</i> . <i>Microbiology (United Kingdom)</i> , 2020, 166, 759-776.	0.7	7
7	Outer Membrane Porins. <i>Sub-Cellular Biochemistry</i> , 2019, 92, 79-123.	1.0	42
8	Fluoroquinolone-derived fluorescent probes for studies of bacterial penetration and efflux. <i>MedChemComm</i> , 2019, 10, 901-906.	3.5	26
9	Fluorescence enlightens RND pump activity and the intrabacterial concentration of antibiotics. <i>Research in Microbiology</i> , 2018, 169, 432-441.	1.0	12
10	Spectrofluorimetric quantification of antibiotic drug concentration in bacterial cells for the characterization of translocation across bacterial membranes. <i>Nature Protocols</i> , 2018, 13, 1348-1361.	5.5	46
11	Getting Drugs into Gram-Negative Bacteria: Rational Rules for Permeation through General Porins. <i>ACS Infectious Diseases</i> , 2018, 4, 1487-1498.	1.8	117
12	Stress responses, outer membrane permeability control and antimicrobial resistance in <i>Enterobacteriaceae</i> . <i>Microbiology (United Kingdom)</i> , 2018, 164, 260-267.	0.7	59
13	Mechanisms of envelope permeability and antibiotic influx and efflux in Gram-negative bacteria. <i>Nature Microbiology</i> , 2017, 2, 17001.	5.9	238
14	Dual Regulation of the Small RNA MicC and the Quiescent Porin OmpN in Response to Antibiotic Stress in <i>Escherichia coli</i> . <i>Antibiotics</i> , 2017, 6, 33.	1.5	19
15	Molecular Bases Basis of Antibiotic Translocation Across Outer Membrane Porins of <i>Enterobacter Aerogenes</i> . <i>Biophysical Journal</i> , 2016, 110, 544a.	0.2	1
16	Antimicrobial Drug Efflux Pumps in <i>Enterobacter</i> and <i>Klebsiella</i> . , 2016, , 281-306.		3
17	In Vivo Evolution of Bacterial Resistance in Two Cases of <i>Enterobacter aerogenes</i> Infections during Treatment with Imipenem. <i>PLoS ONE</i> , 2015, 10, e0138828.	1.1	42
18	Bacterial Secretins Form Constitutively Open Pores Akin to General Porins. <i>Journal of Bacteriology</i> , 2014, 196, 121-128.	1.0	18

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19	Structure, Function and Regulation of Outer Membrane Proteins Involved in Drug Transport in Enterobacteriaceae: the OmpF/C and TolC Case. <i>Open Microbiology Journal</i> , 2013, 7, 22-33.	0.2	94
20	Biochemical Disclosure of the Mycolate Outer Membrane of <i>Corynebacterium glutamicum</i> . <i>Journal of Bacteriology</i> , 2012, 194, 587-597.	1.0	66
21	The ppm Operon Is Essential for Acylation and Glycosylation of Lipoproteins in <i>Corynebacterium glutamicum</i> . <i>PLoS ONE</i> , 2012, 7, e46225.	1.1	24
22	Multiple Signals Direct the Assembly and Function of a Type 1 Secretion System. <i>Journal of Bacteriology</i> , 2010, 192, 3861-3869.	1.0	33
23	Folding and trimerization of signal sequence-less mature TolC in the cytoplasm of <i>Escherichia coli</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 1847-1857.	0.7	15
24	Initial Steps of Colicin E1 Import across the Outer Membrane of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2007, 189, 2667-2676.	1.0	31
25	The <i>Enterobacter aerogenes</i> outer membrane efflux proteins TolC and EefC have different channel properties. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2559-2567.	1.4	15
26	Production of the cryptic EefABC efflux pump in <i>Enterobacter aerogenes</i> chloramphenicol-resistant mutants. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 1223-1226.	1.3	20
27	The eefABC Multidrug Efflux Pump Operon Is Repressed by H-NS in <i>Enterobacter aerogenes</i> . <i>Journal of Bacteriology</i> , 2005, 187, 3894-3897.	1.0	42
28	Inhibitors of efflux pumps in Gram-negative bacteria. <i>Trends in Molecular Medicine</i> , 2005, 11, 382-389.	3.5	202
29	Chloramphenicol and expression of multidrug efflux pump in <i>Enterobacter aerogenes</i> . <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 1113-1118.	1.0	67
30	Overexpression and purification of the three components of the <i>Enterobacter aerogenes</i> AcrA-AcrB-TolC multidrug efflux pump. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 786, 197-205.	1.2	13
31	Enhanced antifungal activity of ketoconazole by <i>Euphorbia characias</i> latex against <i>Candida albicans</i> . <i>Journal of Ethnopharmacology</i> , 2001, 78, 1-5.	2.0	54