

Jean Marie Pagã's

List of Publications by Year in descending order

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211
papers

11,955
citations

23567

58
h-index

34986

98
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219
all docs

219
docs citations

219
times ranked

9762
citing authors

#	ARTICLE	IF	CITATIONS
1	An Outer Membrane Vesicle-Based Permeation Assay (OMPA) for Assessing Bacterial Bioavailability. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101180.	7.6	3
2	Chemical Highlights Supporting the Role of Lipid A in Efficient Biological Adaptation of Gram-Negative Bacteria to External Stresses. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 1816-1834.	6.4	7
3	Molecular Insights into an Antibiotic Enhancer Action of New Morpholine-Containing 5-Arylideneimidazolones in the Fight against MDR Bacteria. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2062.	4.1	7
4	Quinazoline Derivatives Designed as Efflux Pump Inhibitors: Molecular Modeling and Spectroscopic Studies. <i>Molecules</i> , 2021, 26, 2374.	3.8	20
5	Toxicity and bacterial anti-motility activities of the hydroethanolic extract of <i>Acacia senegal</i> (L.) Willd (Fabaceae) leaves. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 178.	2.7	2
6	Clinical Status of Efflux Resistance Mechanisms in Gram-Negative Bacteria. <i>Antibiotics</i> , 2021, 10, 1117.	3.7	19
7	Porins and small-molecule translocation across the outer membrane of Gram-negative bacteria. <i>Nature Reviews Microbiology</i> , 2020, 18, 164-176.	28.6	225
8	An Intertwined Network of Regulation Controls Membrane Permeability Including Drug Influx and Efflux in Enterobacteriaceae. <i>Microorganisms</i> , 2020, 8, 833.	3.6	20
9	<i>Acacia senegal</i> Extract Rejuvenates the Activity of Phenicol on Selected Enterobacteriaceae Multi Drug Resistant Strains. <i>Antibiotics</i> , 2020, 9, 323.	3.7	9
10	The challenge of intracellular antibiotic accumulation, a function of fluoroquinolone influx versus bacterial efflux. <i>Communications Biology</i> , 2020, 3, 198.	4.4	34
11	Complex Response of the CpxAR Two-Component System to β -Lactams on Antibiotic Resistance and Envelope Homeostasis in <i>Enterobacteriaceae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	22
12	Synthesis and Biological Evaluation of Four New Ricinoleic Acid-Derived 1-O-alkylglycerols. <i>Marine Drugs</i> , 2020, 18, 113.	4.6	12
13	A simple phenotypic test for detecting the contribution of outer membrane permeability to carbapenem resistance. <i>Journal of Medical Microbiology</i> , 2020, 69, 63-71.	1.8	1
14	Antibiotics and efflux: combined spectrofluorimetry and mass spectrometry to evaluate the involvement of concentration and efflux activity in antibiotic intracellular accumulation. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 58-65.	3.0	15
15	<i>Enterobacter</i> spp.: Update on Taxonomy, Clinical Aspects, and Emerging Antimicrobial Resistance. <i>Clinical Microbiology Reviews</i> , 2019, 32, .	13.6	276
16	5-Arylideneimidazolones with Amine at Position 3 as Potential Antibiotic Adjuvants against Multidrug Resistant Bacteria. <i>Molecules</i> , 2019, 24, 438.	3.8	11
17	Outer Membrane Porins. <i>Sub-Cellular Biochemistry</i> , 2019, 92, 79-123.	2.4	42
18	Fluoroquinolone-derived fluorescent probes for studies of bacterial penetration and efflux. <i>MedChemComm</i> , 2019, 10, 901-906.	3.4	26

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19	Modification of outer membrane permeability and alteration of LPS in veterinary enterotoxigenic <i>Escherichia coli</i> . <i>Research in Veterinary Science</i> , 2019, 124, 321-327.	1.9	6
20	Modulation of antimicrobial resistance in clinical isolates of <i>Enterobacter aerogenes</i> : A strategy combining antibiotics and chemosensitisers. <i>Journal of Global Antimicrobial Resistance</i> , 2019, 16, 187-198.	2.2	14
21	Mechanistic aspects of maltotriose-conjugate translocation to the Gram-negative bacteria cytoplasm. <i>Life Science Alliance</i> , 2019, 2, e201800242.	2.8	11
22	Porin self-association enables cell-to-cell contact in <i>Providencia stuartii</i> floating communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2220-E2228.	7.1	11
23	Fluorescence enlightens RND pump activity and the intrabacterial concentration of antibiotics. <i>Research in Microbiology</i> , 2018, 169, 432-441.	2.1	12
24	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.	12.0	46
25	Getting Drugs into Gram-Negative Bacteria: Rational Rules for Permeation through General Porins. <i>ACS Infectious Diseases</i> , 2018, 4, 1487-1498.	3.8	117
26	Multiparametric Profiling for Identification of Chemosensitizers against Gram-Negative Bacteria. <i>Frontiers in Microbiology</i> , 2018, 9, 204.	3.5	8
27	Interplay Between Membrane Permeability and Enzymatic Barrier Leads to Antibiotic-Dependent Resistance in <i>Klebsiella Pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1422.	3.5	39
28	Ram locus is a key regulator to trigger multidrug resistance in <i>Enterobacter aerogenes</i> . <i>Journal of Medical Microbiology</i> , 2018, 67, 148-159.	1.8	9
29	Stress responses, outer membrane permeability control and antimicrobial resistance in <i>Enterobacteriaceae</i> . <i>Microbiology (United Kingdom)</i> , 2018, 164, 260-267.	1.8	59
30	Mechanisms of envelope permeability and antibiotic influx and efflux in Gram-negative bacteria. <i>Nature Microbiology</i> , 2017, 2, 17001.	13.3	238
31	Microspectrofluorimetry to dissect the permeation of ceftazidime in Gram-negative bacteria. <i>Scientific Reports</i> , 2017, 7, 986.	3.3	24
32	Fluoroquinolone structure and translocation flux across bacterial membrane. <i>Scientific Reports</i> , 2017, 7, 9821.	3.3	48
33	Peptide translocation across MOMP, the major outer membrane channel from <i>Campylobacter jejuni</i> . <i>Biochemistry and Biophysics Reports</i> , 2017, 11, 79-83.	1.3	4
34	In-vivo loss of carbapenem resistance by extensively drug-resistant <i>Klebsiella pneumoniae</i> during treatment via porin expression modification. <i>Scientific Reports</i> , 2017, 7, 6722.	3.3	25
35	Multidrug efflux pumps and their role in antibiotic and antiseptic resistance: a pharmacodynamic perspective. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2017, 13, 301-309.	3.3	43
36	New amphiphilic neamine conjugates bearing a metal binding motif active against MDR <i>E. aerogenes</i> Gram-negative bacteria. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 748-756.	5.5	13

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37	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.	3.7	19
38	Porin flexibility in <i>Providencia stuartii</i> : cell-surface-exposed loops L5 and L7 are markers of <i>Providencia</i> porin OmpPst1. <i>Research in Microbiology</i> , 2017, 168, 685-699.	2.1	7
39	<i>Providencia stuartii</i> form biofilms and floating communities of cells that display high resistance to environmental insults. <i>PLoS ONE</i> , 2017, 12, e0174213.	2.5	18
40	Efflux Pump Blockers in Gram-Negative Bacteria: The New Generation of Hydantoin Based-Modulators to Improve Antibiotic Activity. <i>Frontiers in Microbiology</i> , 2016, 7, 622.	3.5	17
41	Polyamino-Isoprenic Derivatives Block Intrinsic Resistance of <i>P. aeruginosa</i> to Doxycycline and Chloramphenicol In Vitro. <i>PLoS ONE</i> , 2016, 11, e0154490.	2.5	30
42	Modulation of Membrane Influx and Efflux in <i>Escherichia coli</i> Sequence Type 131 Has an Impact on Bacterial Motility, Biofilm Formation, and Virulence in a <i>Caenorhabditis elegans</i> Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2901-2911.	3.2	18
43	Cloning, Expression, Purification, Regulation, and Subcellular Localization of a Mini-protein from <i>Campylobacter jejuni</i> . <i>Current Microbiology</i> , 2016, 72, 511-517.	2.2	2
44	New insight into the structural, electrochemical and biological aspects of macroacyclic Cu(II) complexes derived from S-substituted dithiocarbamate Schiff bases. <i>European Journal of Medicinal Chemistry</i> , 2016, 120, 1-12.	5.5	71
45	MOMP from <i>Campylobacter jejuni</i> Is a Trimer of 18-Stranded β -Barrel Monomers with a Ca ²⁺ Ion Bound at the Constriction Zone. <i>Journal of Molecular Biology</i> , 2016, 428, 4528-4543.	4.2	36
46	A unique peptide deformylase platform to rationally design and challenge novel active compounds. <i>Scientific Reports</i> , 2016, 6, 35429.	3.3	28
47	Antimicrobial Drug Efflux Pumps in <i>Enterobacter</i> and <i>Klebsiella</i> . , 2016, , 281-306.		3
48	<i>Artemisia herba-alba</i> Asso and <i>Cymbopogon citratus</i> (DC.) Stapf essential oils and their capability to restore antibiotics efficacy. <i>Industrial Crops and Products</i> , 2016, 89, 399-404.	5.2	21
49	High susceptibility of MDR and XDR Gram-negative pathogens to biphenyl-diacetylene-based difluoromethyl- <i>allo</i> -threonyl-hydroxamate LpxC inhibitors. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 2874-2882.	3.0	25
50	Role of the Outer Membrane and Porins in Susceptibility of β -Lactamase-Producing Enterobacteriaceae to Ceftazidime-Avibactam. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1349-1359.	3.2	97
51	Microspectrometric insights on the uptake of antibiotics at the single bacterial cell level. <i>Scientific Reports</i> , 2015, 5, 17968.	3.3	50
52	<i>Enterobacter aerogenes</i> and <i>Enterobacter cloacae</i> ; versatile bacterial pathogens confronting antibiotic treatment. <i>Frontiers in Microbiology</i> , 2015, 6, 392.	3.5	368
53	<i>Enterobacter gergoviae</i> membrane modifications are involved in the adaptive response to preservatives used in cosmetic industry. <i>Journal of Applied Microbiology</i> , 2015, 118, 49-61.	3.1	8
54	Role of the culture medium in porin expression and piperacillin-tazobactam susceptibility in <i>Escherichia coli</i> . <i>Journal of Medical Microbiology</i> , 2015, 64, 1305-1314.	1.8	6

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55	In Vivo Evolution of Bacterial Resistance in Two Cases of <i>Enterobacter aerogenes</i> Infections during Treatment with Imipenem. PLoS ONE, 2015, 10, e0138828.	2.5	42
56	<i>Enterobacter gergoviae</i> adaptation to preservatives commonly used in cosmetic industry. International Journal of Cosmetic Science, 2014, 36, 386-395.	2.6	18
57	Conjugation of a New Series of Dithiocarbamate Schiff Base Copper(II) Complexes with Vectors Selected to Enhance Antibacterial Activity. Bioconjugate Chemistry, 2014, 25, 2269-2284.	3.6	58
58	Role of Antibiotic Side Chains in Uptake Through OmpPst1 Channel from <i>Providencia stuartii</i> . Biophysical Journal, 2014, 106, 556a-557a.	0.5	0
59	Natural extracts stimulate membrane-associated mechanisms of resistance in Gram-negative bacteria. Letters in Applied Microbiology, 2014, 58, 472-477.	2.2	39
60	First evidence of antibacterial and synergistic effects of <i>Thymus riararum</i> essential oil with conventional antibiotics. Industrial Crops and Products, 2014, 61, 370-376.	5.2	29
61	New Peptides with Metal Binding Abilities and Their Use as Drug Carriers. Bioconjugate Chemistry, 2014, 25, 1811-1819.	3.6	14
62	Antibiotic Transport through Porins. Biophysical Journal, 2014, 106, 557a.	0.5	0
63	An adaptive response of <i>Enterobacter aerogenes</i> to imipenem: regulation of porin balance in clinical isolates. International Journal of Antimicrobial Agents, 2013, 41, 130-136.	2.5	66
64	Expression of the <i>adeB</i> gene and responsiveness to 1-(1-naphthylmethyl)-piperazine and phenylalanyl-arginyl- β -naphthylamide in clinical isolates of <i>Acinetobacter baumannii</i> . Journal of Antimicrobial Chemotherapy, 2013, 68, 1200-1202.	3.0	5
65	Polyamino geranic derivatives as new chemosensitizers to combat antibiotic resistant Gram-negative bacteria. Bioorganic and Medicinal Chemistry, 2013, 21, 1174-1179.	3.0	34
66	New Peptide-Based Antimicrobials for Tackling Drug Resistance in Bacteria: Single-Cell Fluorescence Imaging. ACS Medicinal Chemistry Letters, 2013, 4, 556-559.	2.8	23
67	Search for new tools to combat Gram-negative resistant bacteria among amine derivatives of 5-arylidenehydantoin. Bioorganic and Medicinal Chemistry, 2013, 21, 135-145.	3.0	29
68	Interplay between Three RND Efflux Pumps in Doxycycline-Selected Strains of <i>Burkholderia thailandensis</i> . PLoS ONE, 2013, 8, e84068.	2.5	28
69	A Simple Method for Assessment of MDR Bacteria for Over-Expressed Efflux Pumps. Open Microbiology Journal, 2013, 7, 72-82.	0.7	97
70	Structure, Function and Regulation of Outer Membrane Proteins Involved in Drug Transport in Enterobacteriaceae: the OmpF/C β -TolC Case. Open Microbiology Journal, 2013, 7, 22-33.	0.7	94
71	Antibacterial Activities of Selected Cameroonian Plants and Their Synergistic Effects with Antibiotics against Bacteria Expressing MDR Phenotypes. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-11.	1.2	51
72	Antibiotic Uptake through Membrane Channels: Role of <i>Providencia stuartii</i> OmpPst1 Porin in Carbapenem Resistance. Biochemistry, 2012, 51, 10244-10249.	2.5	30

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73	New peptide deformylase inhibitors and cooperative interaction: a combination to improve antibacterial activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1392-1400.	3.0	42
74	Antibacterial and antibiotic-potential activities of the methanol extract of some cameroonian spices against Gram-negative multi-drug resistant phenotypes. <i>BMC Research Notes</i> , 2012, 5, 299.	1.4	60
75	Microbicides - The Double-Edged Sword: Environmental Toxicity and Emerging Resistance. , 2012, , 229-235.		1
76	Hydroxamic Acids as Potent Inhibitors of Fe ^{II} and Mn ^{II} <i>E. coli</i> Methionine Aminopeptidase: Biological Activities and X-ray Structures of Oxazole Hydroxamate-MetAP-Mn Complexes. <i>ChemMedChem</i> , 2012, 7, 1020-1030.	3.2	34
77	Broad-specificity efflux pumps and their role in multidrug resistance of Gram-negative bacteria. <i>FEMS Microbiology Reviews</i> , 2012, 36, 340-363.	8.6	574
78	Antibacterial activity of <i>Thymus maroccanus</i> and <i>Thymus broussonetii</i> essential oils against nosocomial infection bacteria and their synergistic potential with antibiotics. <i>Phytomedicine</i> , 2012, 19, 464-471.	5.3	174
79	Antibiotic Transport in Resistant Bacteria: Synchrotron UV Fluorescence Microscopy to Determine Antibiotic Accumulation with Single Cell Resolution. <i>PLoS ONE</i> , 2012, 7, e38624.	2.5	63
80	Inhibitors of Bacterial Efflux Pumps as Adjuvants in Antibacterial Therapy and Diagnostic Tools for Detection of Resistance by E. , 2012, , 138-175.		5
81	Ethidium bromide efflux by <i>Salmonella</i> : modulation by metabolic energy, pH, ions and phenothiazines. <i>International Journal of Antimicrobial Agents</i> , 2011, 38, 140-145.	2.5	32
82	Essential oils from Moroccan plants as potential chemosensitisers restoring antibiotic activity in resistant Gram-negative bacteria. <i>International Journal of Antimicrobial Agents</i> , 2011, 38, 325-330.	2.5	79
83	An alkylaminoquinazoline restores antibiotic activity in Gram-negative resistant isolates. <i>Microbiology (United Kingdom)</i> , 2011, 157, 566-571.	1.8	33
84	Involvement of the Efflux Pumps in Chloramphenicol Selected Strains of <i>Burkholderia thailandensis</i> : Proteomic and Mechanistic Evidence. <i>PLoS ONE</i> , 2011, 6, e16892.	2.5	31
85	Time Stability Studies of Quinazoline Derivative Designed to Fight Drug Resistance Acquired by Bacteria. <i>Letters in Drug Design and Discovery</i> , 2011, 8, 124-129.	0.7	8
86	Amine-alkyl derivatives of hydantoin: New tool to combat resistant bacteria. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5807-5816.	5.5	39
87	Strategies for bypassing the membrane barrier in multidrug resistant Gram-negative bacteria. <i>FEBS Letters</i> , 2011, 585, 1682-1690.	2.8	192
88	Antibacterial activities of selected Cameroonian spices and their synergistic effects with antibiotics against multidrug-resistant phenotypes. <i>BMC Complementary and Alternative Medicine</i> , 2011, 11, 104.	3.7	124
89	Efflux Pumps of Gram-Negative Bacteria: Genetic Responses to Stress and the Modulation of their Activity by pH, Inhibitors, and Phenothiazines. <i>Advances in Enzymology and Related Areas of Molecular Biology</i> , 2011, 77, 61-108.	1.3	41
90	BM0701: Antibiotic Transport and Efflux: New Strategies to Combat Bacterial Resistance (ATENS). <i>Letters in Drug Design and Discovery</i> , 2011, 8, 101-101.	0.7	0

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91	Efflux Pumps Are Involved in the Defense of Gram-Negative Bacteria against the Natural Products Isobavachalcone and Diospyrone. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 1749-1752.	3.2	95
92	Implication of Porins in β -Lactam Resistance of <i>Providencia stuartii</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 32273-32281.	3.4	49
93	Membrane Efflux and Influx Modulate both Multidrug Resistance and Virulence of <i>Klebsiella pneumoniae</i> in a <i>Caenorhabditis elegans</i> Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4373-4378.	3.2	54
94	Toward Screening for Antibiotics with Enhanced Permeation Properties through Bacterial Porins. <i>Biochemistry</i> , 2010, 49, 6928-6935.	2.5	47
95	Quinazoline derivatives are efficient chemosensitizers of antibiotic activity in <i>Enterobacter aerogenes</i> , <i>Klebsiella pneumoniae</i> and <i>Pseudomonas aeruginosa</i> resistant strains. <i>International Journal of Antimicrobial Agents</i> , 2010, 36, 164-168.	2.5	54
96	Physiological characterisation of the efflux pump system of antibiotic-susceptible and multidrug-resistant <i>Enterobacter aerogenes</i> . <i>International Journal of Antimicrobial Agents</i> , 2010, 36, 313-318.	2.5	14
97	Squalamine, an original chemosensitizer to combat antibiotic-resistant Gram-negative bacteria. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 799-801.	3.0	36
98	Fitness Costs and Stability of a High-Level Ciprofloxacin Resistance Phenotype in <i>Salmonella enterica</i> Serotype Enteritidis: Reduced Infectivity Associated with Decreased Expression of <i>Salmonella</i> Pathogenicity Island 1 Genes. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 367-374.	3.2	64
99	Efflux Pumps of Gram-Negative Bacteria, a New Target for New Molecules. <i>Current Topics in Medicinal Chemistry</i> , 2010, 10, 1848-1857.	2.1	35
100	pH Modulation of Efflux Pump Activity of Multi-Drug Resistant <i>Escherichia coli</i> : Protection During Its Passage and Eventual Colonization of the Colon. <i>PLoS ONE</i> , 2009, 4, e6656.	2.5	53
101	Geraniol Restores Antibiotic Activities against Multidrug-Resistant Isolates from Gram-Negative Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2209-2211.	3.2	207
102	Multiple Regulatory Pathways Associated with High-Level Ciprofloxacin and Multidrug Resistance in <i>Salmonella enterica</i> Serovar Enteritidis: Involvement of <i>ramA</i> and Other Global Regulators. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1080-1087.	3.2	95
103	Efflux Mechanism, an Attractive Target to Combat Multidrug Resistant <i>Plasmodium falciparum</i> and <i>Pseudomonas aeruginosa</i> . <i>Current Medicinal Chemistry</i> , 2009, 16, 301-317.	2.4	41
104	Occurrence of Efflux Mechanism and Cephalosporinase Variant in a Population of <i>Enterobacter aerogenes</i> and <i>Klebsiella pneumoniae</i> Isolates Producing Extended-Spectrum β -Lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1652-1656.	3.2	11
105	Mechanisms of drug efflux and strategies to combat them: Challenging the efflux pump of Gram-negative bacteria. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 826-833.	2.3	246
106	An AcrAB-mediated multidrug-resistant phenotype is maintained following restoration of wild-type activities by efflux pump genes and their regulators. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, 602-604.	2.5	27
107	The Biophysics Of Antibiotics Translocation Through OmpF Revealed By Computer Simulations. <i>Biophysical Journal</i> , 2009, 96, 41a.	0.5	0
108	The Porin passport control - Conductance measurements and biological relevance. <i>Biophysical Journal</i> , 2009, 96, 148a-149a.	0.5	0

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109	Efflux Pump, the Masked Side of β -Lactam Resistance in <i>Klebsiella pneumoniae</i> Clinical Isolates. PLoS ONE, 2009, 4, e4817.	2.5	95
110	How β -Lactam Antibiotics Enter Bacteria: A Dialogue with the Porins. PLoS ONE, 2009, 4, e5453.	2.5	83
111	New Antibiotic Molecules: Bypassing the Membrane Barrier of Gram Negative Bacteria Increases the Activity of Peptide Deformylase Inhibitors. PLoS ONE, 2009, 4, e6443.	2.5	35
112	The porin and the permeating antibiotic: a selective diffusion barrier in Gram-negative bacteria. Nature Reviews Microbiology, 2008, 6, 893-903.	28.6	742
113	Squalamine: An Appropriate Strategy against the Emergence of Multidrug Resistant Gram-Negative Bacteria?. PLoS ONE, 2008, 3, e2765.	2.5	56
114	Potential role of non-antibiotics (helper compounds) in the treatment of multidrug-resistant Gram-negative infections: mechanisms for their direct and indirect activities. International Journal of Antimicrobial Agents, 2008, 31, 198-208.	2.5	124
115	The omp50 gene is transcriptionally controlled by a temperature-dependent mechanism conserved among thermophilic <i>Campylobacter</i> species. Research in Microbiology, 2008, 159, 270-278.	2.1	6
116	Membrane Permeability and Regulation of Drug Influx and Efflux in Enterobacterial Pathogens. Current Drug Targets, 2008, 9, 750-759.	2.1	157
117	Editorial [Hot topic: Control and Regulation of Permeability of MDR Bacterial Pathogens to Antibiotics Presented by COST Action BM0701 (Guest Editors: L. Amaral and J.M. Pages)]. Current Drug Targets, 2008, 9, 718-718.	2.1	3
118	Identification and Evolution of Drug Efflux Pump in Clinical <i>Enterobacter aerogenes</i> Strains Isolated in 1995 and 2003. PLoS ONE, 2008, 3, e3203.	2.5	50
119	Dihydroethanoanthracene Derivatives Reverse In Vitro Quinoline Resistance in <i>Plasmodium falciparum</i> Malaria. Medicinal Chemistry, 2008, 4, 426-437.	1.5	12
120	Intracellular accumulation of linezolid in <i>Escherichia coli</i> , <i>Citrobacter freundii</i> and <i>Enterobacter aerogenes</i> : role of enhanced efflux pump activity and inactivation. Journal of Antimicrobial Chemotherapy, 2007, 59, 1261-1264.	3.0	98
121	Efflux pump inhibitors in bacteria. Expert Opinion on Therapeutic Patents, 2007, 17, 883-888.	5.0	10
122	Antibiotic-resistant <i>Campylobacter</i> : could efflux pump inhibitors control infection?. Journal of Antimicrobial Chemotherapy, 2007, 59, 1230-1236.	3.0	31
123	Antibiotic Stress, Genetic Response and Altered Permeability of <i>E. coli</i> . PLoS ONE, 2007, 2, e365.	2.5	184
124	An Early Response to Environmental Stress Involves Regulation of OmpX and OmpF, Two Enterobacterial Outer Membrane Pore-Forming Proteins. Antimicrobial Agents and Chemotherapy, 2007, 51, 3190-3198.	3.2	63
125	The <i>Enterobacter aerogenes</i> outer membrane efflux proteins TolC and EefC have different channel properties. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2559-2567.	2.6	15
126	Antibiotic efflux pumps in Gram-negative bacteria: the inhibitor response strategy. Journal of Antimicrobial Chemotherapy, 2007, 59, 1223-1229.	3.0	219

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127	Chromosomal His-tagging: An alternative approach to membrane protein purification. <i>Proteomics</i> , 2007, 7, 399-402.	2.2	3
128	Chloroquinolines block antibiotic efflux pumps in antibiotic-resistant <i>Enterobacter aerogenes</i> isolates. <i>International Journal of Antimicrobial Agents</i> , 2006, 27, 565-569.	2.5	32
129	Expression and purification of native and truncated forms of CadF, an outer membrane protein of <i>Campylobacter</i> . <i>International Journal of Biological Macromolecules</i> , 2006, 39, 135-140.	7.5	15
130	Inhibitors of Bacterial Efflux Pumps as Adjuvants in Antibiotic Treatments and Diagnostic Tools for Detection of Resistance by Efflux. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2006, 1, 157-175.	0.8	125
131	Quinoline Derivatives as Promising Inhibitors of Antibiotic Efflux Pump in Multidrug Resistant <i>Enterobacter Aerogenes</i> Isolates. <i>Current Drug Targets</i> , 2006, 7, 843-847.	2.1	156
132	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.	3.0	20
133	Prevalence of efflux activity in low-level macrolide-resistant <i>Campylobacter</i> species. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 59, 327-328.	3.0	8
134	An instrument-free method for the demonstration of efflux pump activity of bacteria. <i>In Vivo</i> , 2006, 20, 657-64.	1.3	29
135	Structural and Functional Study of the Phenicol-Specific Efflux Pump FloR Belonging to the Major Facilitator Superfamily. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2965-2971.	3.2	45
136	Molecular basis of macrolide resistance in <i>Campylobacter</i> : role of efflux pumps and target mutations. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 56, 491-497.	3.0	68
137	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.	2.2	42
138	Role of Bacterial Porins in Antibiotic Susceptibility of Gram-Negative Bacteria. , 2005, , 41-59.		9
139	Propyl paraben induces potassium efflux in <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 1013-1015.	3.0	39
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