

# Jean Marie Pags

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

205  
papers

9,159  
citations

52  
h-index

86  
g-index

218  
ext. papers

10,668  
ext. citations

5.5  
avg, IF

6.24  
L-index

#	Paper	IF	Citations
205	An Outer Membrane Vesicle-Based Permeation Assay (OMPA) for Assessing Bacterial Bioavailability. <i>Advanced Healthcare Materials</i> , <b>2021</b> , e2101180	10.1	0
204	Quinazoline Derivatives Designed as Efflux Pump Inhibitors: Molecular Modeling and Spectroscopic Studies. <i>Molecules</i> , <b>2021</b> , 26,	4.8	5
203	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> , <b>2021</b> , 21, 178	2.9	
202	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> , <b>2021</b> , 64, 1816-1834	8.3	1
201	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> , <b>2021</b> , 22,	6.3	2
200	An Intertwined Network of Regulation Controls Membrane Permeability Including Drug Influx and Efflux in Enterobacteriaceae. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	5
199	Extract Rejuvenates the Activity of Phenicols on Selected Multi Drug Resistant Strains. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	3
198	The challenge of intracellular antibiotic accumulation, a function of fluoroquinolone influx versus bacterial efflux. <i>Communications Biology</i> , <b>2020</b> , 3, 198	6.7	15
197	Complex Response of the CpxAR Two-Component System to $\beta$ -Lactams on Antibiotic Resistance and Envelope Homeostasis in. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2020</b> , 64,	5.9	7
196	Synthesis and Biological Evaluation of Four New Ricinoleic Acid-Derived 1-alkylglycerols. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	3
195	Le rôle des porines dans la résistance aux antibiotiques. <i>Revue Francophone Des Laboratoires</i> , <b>2020</b> , 2020, 28-37	0	1
194	A simple phenotypic test for detecting the contribution of outer membrane permeability to carbapenem resistance. <i>Journal of Medical Microbiology</i> , <b>2020</b> , 69, 63-71	3.2	1
193	Porins and small-molecule translocation across the outer membrane of Gram-negative bacteria. <i>Nature Reviews Microbiology</i> , <b>2020</b> , 18, 164-176	22.2	95
192	5-Arylideneimidazolones with Amine at Position 3 as Potential Antibiotic Adjuvants against Multidrug Resistant Bacteria. <i>Molecules</i> , <b>2019</b> , 24,	4.8	5
191	Outer Membrane Porins. <i>Sub-Cellular Biochemistry</i> , <b>2019</b> , 92, 79-123	5.5	23
190	Fluoroquinolone-derived fluorescent probes for studies of bacterial penetration and efflux. <i>MedChemComm</i> , <b>2019</b> , 10, 901-906	5	14
189	Modification of outer membrane permeability and alteration of LPS in veterinary enterotoxigenic <i>Escherichia coli</i> . <i>Research in Veterinary Science</i> , <b>2019</b> , 124, 321-327	2.5	3

188	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> , <b>2019</b> , 16, 187-198 <sup>3,4</sup>	6
187	spp.: Update on Taxonomy, Clinical Aspects, and Emerging Antimicrobial Resistance. <i>Clinical Microbiology Reviews</i> , <b>2019</b> , 32,	34 91
186	Mechanistic aspects of maltotriose-conjugate translocation to the Gram-negative bacteria cytoplasm. <i>Life Science Alliance</i> , <b>2019</b> , 2, e201800242	5.8 8
185	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> , <b>2019</b> , 74, 58-65	5.1 10
184	Porin self-association enables cell-to-cell contact in floating communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E2220-E2228	11.5 7
183	Multiparametric Profiling for Identification of Chemosensitizers against Gram-Negative Bacteria. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 204	5.7 5
182	Interplay Between Membrane Permeability and Enzymatic Barrier Leads to Antibiotic-Dependent Resistance in. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1422	5.7 24
181	Ram locus is a key regulator to trigger multidrug resistance in <i>Enterobacter aerogenes</i> . <i>Journal of Medical Microbiology</i> , <b>2018</b> , 67, 148-159	3.2 7
180	Stress responses, outer membrane permeability control and antimicrobial resistance in Enterobacteriaceae. <i>Microbiology (United Kingdom)</i> , <b>2018</b> , 164, 260-267	2.9 28
179	Fluorescence enlightens RND pump activity and the intrabacterial concentration of antibiotics. <i>Research in Microbiology</i> , <b>2018</b> , 169, 432-441	4 8
178	Spectrofluorimetric quantification of antibiotic drug concentration in bacterial cells for the characterization of translocation across bacterial membranes. <i>Nature Protocols</i> , <b>2018</b> , 13, 1348-1361	18.8 31
177	Getting Drugs into Gram-Negative Bacteria: Rational Rules for Permeation through General Porins. <i>ACS Infectious Diseases</i> , <b>2018</b> , 4, 1487-1498	5.5 71
176	Mechanisms of envelope permeability and antibiotic influx and efflux in Gram-negative bacteria. <i>Nature Microbiology</i> , <b>2017</b> , 2, 17001	26.6 144
175	Microspectrofluorimetry to dissect the permeation of ceftazidime in Gram-negative bacteria. <i>Scientific Reports</i> , <b>2017</b> , 7, 986	4.9 17
174	Fluoroquinolone structure and translocation flux across bacterial membrane. <i>Scientific Reports</i> , <b>2017</b> , 7, 9821	4.9 38
173	Peptide translocation across MOMP, the major outer membrane channel from. <i>Biochemistry and Biophysics Reports</i> , <b>2017</b> , 11, 79-83	2.2 3
172	In-vivo loss of carbapenem resistance by extensively drug-resistant <i>Klebsiella pneumoniae</i> during treatment via porin expression modification. <i>Scientific Reports</i> , <b>2017</b> , 7, 6722	4.9 18
171	Multidrug efflux pumps and their role in antibiotic and antiseptic resistance: a pharmacodynamic perspective. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2017</b> , 13, 301-309	5.5 28

170	New amphiphilic neamine conjugates bearing a metal binding motif active against MDR E. aerogenes Gram-negative bacteria. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 127, 748-756	6.8	12
169	Dual Regulation of the Small RNA MicC and the Quiescent Porin OmpN in Response to Antibiotic Stress in Escherichia coli. <i>Antibiotics</i> , <b>2017</b> , 6,	4.9	10
168	Providencia stuartii form biofilms and floating communities of cells that display high resistance to environmental insults. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174213	3.7	13
167	Porin flexibility in Providencia stuartii: cell-surface-exposed loops L5 and L7 are markers of Providencia porin OmpPst1. <i>Research in Microbiology</i> , <b>2017</b> , 168, 685-699	4	6
166	A unique peptide deformylase platform to rationally design and challenge novel active compounds. <i>Scientific Reports</i> , <b>2016</b> , 6, 35429	4.9	20
165	Antimicrobial Drug Efflux Pumps in Enterobacter and Klebsiella <b>2016</b> , 281-306		3
164	Artemisia herba-alba Asso and Cymbopogon citratus (DC.) Stapf essential oils and their capability to restore antibiotics efficacy. <i>Industrial Crops and Products</i> , <b>2016</b> , 89, 399-404	5.9	16
163	High susceptibility of MDR and XDR Gram-negative pathogens to biphenyl-diacetylene-based difluoromethyl-allo-threonyl-hydroxamate LpxC inhibitors. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2016</b> , 71, 2874-82	5.1	23
162	Efflux Pump Blockers in Gram-Negative Bacteria: The New Generation of Hydantoin Based-Modulators to Improve Antibiotic Activity. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 622	5.7	11
161	Polyamino-Isoprenic Derivatives Block Intrinsic Resistance of P. aeruginosa to Doxycycline and Chloramphenicol In Vitro. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154490	3.7	18
160	Modulation of Membrane Influx and Efflux in Escherichia coli Sequence Type 131 Has an Impact on Bacterial Motility, Biofilm Formation, and Virulence in a Caenorhabditis elegans Model. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 2901-11	5.9	13
159	Cloning, Expression, Purification, Regulation, and Subcellular Localization of a Mini-protein from Campylobacter jejuni. <i>Current Microbiology</i> , <b>2016</b> , 72, 511-7	2.4	1
158	New insight into the structural, electrochemical and biological aspects of macrocyclic Cu(II) complexes derived from S-substituted dithiocarbamate schiff bases. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 120, 1-12	6.8	45
157	MOMP from Campylobacter jejuni Is a Trimer of 18-Stranded $\beta$ Barrel Monomers with a Ca Ion Bound at the Constriction Zone. <i>Journal of Molecular Biology</i> , <b>2016</b> , 428, 4528-4543	6.5	20
156	Enterobacter gergoviae membrane modifications are involved in the adaptive response to preservatives used in cosmetic industry. <i>Journal of Applied Microbiology</i> , <b>2015</b> , 118, 49-61	4.7	6
155	Role of the Outer Membrane and Porins in Susceptibility of $\beta$ Lactamase-Producing Enterobacteriaceae to Ceftazidime-Avibactam. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 60, 1349-59	5.9	73
154	Microspectrometric insights on the uptake of antibiotics at the single bacterial cell level. <i>Scientific Reports</i> , <b>2015</b> , 5, 17968	4.9	44
153	Enterobacter aerogenes and Enterobacter cloacae; versatile bacterial pathogens confronting antibiotic treatment. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 392	5.7	229

152	In Vivo Evolution of Bacterial Resistance in Two Cases of Enterobacter aerogenes Infections during Treatment with Imipenem. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138828	3.7	33
151	Role of the culture medium in porin expression and piperacillin-tazobactam susceptibility in Escherichia coli. <i>Journal of Medical Microbiology</i> , <b>2015</b> , 64, 1305-1314	3.2	5
150	Natural extracts stimulate membrane-associated mechanisms of resistance in Gram-negative bacteria. <i>Letters in Applied Microbiology</i> , <b>2014</b> , 58, 472-7	2.9	28
149	First evidence of antibacterial and synergistic effects of Thymus riararum essential oil with conventional antibiotics. <i>Industrial Crops and Products</i> , <b>2014</b> , 61, 370-376	5.9	20
148	New peptides with metal binding abilities and their use as drug carriers. <i>Bioconjugate Chemistry</i> , <b>2014</b> , 25, 1811-9	6.3	14
147	Enterobacter gergoviae adaptation to preservatives commonly used in cosmetic industry. <i>International Journal of Cosmetic Science</i> , <b>2014</b> , 36, 386-95	2.7	10
146	Conjugation of a new series of dithiocarbamate Schiff base Copper(II) complexes with vectors selected to enhance antibacterial activity. <i>Bioconjugate Chemistry</i> , <b>2014</b> , 25, 2269-84	6.3	46
145	Bacterial Membrane, a Key for Controlling Drug Influx and Efflux <b>2013</b> , 217-240		4
144	An adaptive response of Enterobacter aerogenes to imipenem: regulation of porin balance in clinical isolates. <i>International Journal of Antimicrobial Agents</i> , <b>2013</b> , 41, 130-6	14.3	49
143	Expression of the adeB gene and responsiveness to 1-(1-naphthylmethyl)-piperazine and phenylalanyl-arginyl-β-naphthylamide in clinical isolates of Acinetobacter baumannii. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2013</b> , 68, 1200-2	5.1	4
142	Polyamino geranic derivatives as new chemosensitizers to combat antibiotic resistant gram-negative bacteria. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 1174-9	3.4	21
141	A Simple Method for Assessment of MDR Bacteria for Over-Expressed Efflux Pumps. <i>Open Microbiology Journal</i> , <b>2013</b> , 7, 72-82	0.8	63
140	New Peptide-based antimicrobials for tackling drug resistance in bacteria: single-cell fluorescence imaging. <i>ACS Medicinal Chemistry Letters</i> , <b>2013</b> , 4, 556-9	4.3	22
139	Search for new tools to combat Gram-negative resistant bacteria among amine derivatives of 5-arylidenehydantoin. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 135-45	3.4	26
138	Interplay between three RND efflux pumps in doxycycline-selected strains of Burkholderia thailandensis. <i>PLoS ONE</i> , <b>2013</b> , 8, e84068	3.7	24
137	Structure, Function and Regulation of Outer Membrane Proteins Involved in Drug Transport in Enterobacteriaceae: the OmpF/C - TolC Case. <i>Open Microbiology Journal</i> , <b>2013</b> , 7, 22-33	0.8	74
136	Antibacterial activity of Thymus maroccanus and Thymus broussonetii essential oils against nosocomial infection - bacteria and their synergistic potential with antibiotics. <i>Phytomedicine</i> , <b>2012</b> , 19, 464-71	6.5	135
135	Antibiotic uptake through membrane channels: role of Providencia stuartii OmpPst1 porin in carbapenem resistance. <i>Biochemistry</i> , <b>2012</b> , 51, 10244-9	3.2	28

134	New peptide deformylase inhibitors and cooperative interaction: a combination to improve antibacterial activity. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2012</b> , 67, 1392-400	5.1	34
133	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> , <b>2012</b> , 5, 299	2.3	44
132	Microbicides – The Double-Edged Sword: Environmental Toxicity and Emerging Resistance <b>2012</b> , 229-235		1
131	Hydroxamic acids as potent inhibitors of Fe(II) and Mn(II) E. coli methionine aminopeptidase: biological activities and X-ray structures of oxazole hydroxamate-EcMetAP-Mn complexes. <i>ChemMedChem</i> , <b>2012</b> , 7, 1020-30	3.7	28
130	Broad-specificity efflux pumps and their role in multidrug resistance of Gram-negative bacteria. <i>FEMS Microbiology Reviews</i> , <b>2012</b> , 36, 340-63	15.1	447
129	Antibacterial Activities of Selected Cameroonian Plants and Their Synergistic Effects with Antibiotics against Bacteria Expressing MDR Phenotypes. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 623723	2.3	40
128	Antibiotic transport in resistant bacteria: synchrotron UV fluorescence microscopy to determine antibiotic accumulation with single cell resolution. <i>PLoS ONE</i> , <b>2012</b> , 7, e38624	3.7	47
127	Inhibitors of Bacterial Efflux Pumps as Adjuvants in Antibacterial Therapy and Diagnostic Tools for Detection of Resistance by E <b>2012</b> , 138-175		4
126	Ethidium bromide efflux by Salmonella: modulation by metabolic energy, pH, ions and phenothiazines. <i>International Journal of Antimicrobial Agents</i> , <b>2011</b> , 38, 140-5	14.3	20
125	Essential oils from Moroccan plants as potential chemosensitisers restoring antibiotic activity in resistant Gram-negative bacteria. <i>International Journal of Antimicrobial Agents</i> , <b>2011</b> , 38, 325-30	14.3	60
124	An alkylaminoquinazoline restores antibiotic activity in Gram-negative resistant isolates. <i>Microbiology (United Kingdom)</i> , <b>2011</b> , 157, 566-571	2.9	25
123	Les mécanismes d'efflux et la résistance chez <i>Pseudomonas aeruginosa</i> . <i>Revue Francophone Des Laboratoires</i> , <b>2011</b> , 2011, 63-72	0	
122	Involvement of the efflux pumps in chloramphenicol selected strains of <i>Burkholderia thailandensis</i> : proteomic and mechanistic evidence. <i>PLoS ONE</i> , <b>2011</b> , 6, e16892	3.7	28
121	Time Stability Studies of Quinazoline Derivative Designed to Fight Drug Resistance Acquired by Bacteria. <i>Letters in Drug Design and Discovery</i> , <b>2011</b> , 8, 124-129	0.8	7
120	Amine-alkyl derivatives of hydantoin: new tool to combat resistant bacteria. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 5807-16	6.8	28
119	Strategies for bypassing the membrane barrier in multidrug resistant Gram-negative bacteria. <i>FEBS Letters</i> , <b>2011</b> , 585, 1682-90	3.8	158
118	Antibacterial activities of selected Cameroonian spices and their synergistic effects with antibiotics against multidrug-resistant phenotypes. <i>BMC Complementary and Alternative Medicine</i> , <b>2011</b> , 11, 104	4.7	94
117	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> , <b>2011</b> , 77, 61-108		32

116	Efflux pumps are involved in the defense of Gram-negative bacteria against the natural products isobavachalcone and diospyrone. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2010</b> , 54, 1749-52	5.9	76
115	Implication of porins in beta-lactam resistance of <i>Providencia stuartii</i> . <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 32273-81	5.4	46
114	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> , <b>2010</b> , 54, 4373-8	5.9	47
113	Toward screening for antibiotics with enhanced permeation properties through bacterial porins. <i>Biochemistry</i> , <b>2010</b> , 49, 6928-35	3.2	42
112	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> , <b>2010</b> , 36, 164-8	14.3	38
111	Physiological characterisation of the efflux pump system of antibiotic-susceptible and multidrug-resistant <i>Enterobacter aerogenes</i> . <i>International Journal of Antimicrobial Agents</i> , <b>2010</b> , 36, 313-8	14.3	12
110	Squalamine, an original chemosensitizer to combat antibiotic-resistant gram-negative bacteria. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2010</b> , 65, 799-801	5.1	29
109	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> , <b>2010</b> , 54, 367-74	5.9	49
108	Efflux pumps of gram-negative bacteria, a new target for new molecules. <i>Current Topics in Medicinal Chemistry</i> , <b>2010</b> , 10, 1848-57	3	29
107	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> , <b>2009</b> , 4, e6656	3.7	42
106	Geraniol restores antibiotic activities against multidrug-resistant isolates from gram-negative species. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2009</b> , 53, 2209-11	5.9	170
105	Multiple regulatory pathways associated with high-level ciprofloxacin and multidrug resistance in <i>Salmonella enterica</i> serovar enteritidis: involvement of RamA and other global regulators. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2009</b> , 53, 1080-7	5.9	82
104	Efflux mechanism, an attractive target to combat multidrug resistant <i>Plasmodium falciparum</i> and <i>Pseudomonas aeruginosa</i> . <i>Current Medicinal Chemistry</i> , <b>2009</b> , 16, 301-17	4.3	32
103	Occurrence of efflux mechanism and cephalosporinase variant in a population of <i>Enterobacter aerogenes</i> and <i>Klebsiella pneumoniae</i> isolates producing extended-spectrum beta-lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2009</b> , 53, 1652-6	5.9	10
102	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> , <b>2009</b> , 1794, 826-33	4	198
101	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> , <b>2009</b> , 34, 602-4	14.3	22
100	Efflux pump, the masked side of beta-lactam resistance in <i>Klebsiella pneumoniae</i> clinical isolates. <i>PLoS ONE</i> , <b>2009</b> , 4, e4817	3.7	79
99	How beta-lactam antibiotics enter bacteria: a dialogue with the porins. <i>PLoS ONE</i> , <b>2009</b> , 4, e5453	3.7	71

98	New antibiotic molecules: bypassing the membrane barrier of gram negative bacteria increases the activity of peptide deformylase inhibitors. <i>PLoS ONE</i> , <b>2009</b> , 4, e6443	3.7	30
97	The porin and the permeating antibiotic: a selective diffusion barrier in Gram-negative bacteria. <i>Nature Reviews Microbiology</i> , <b>2008</b> , 6, 893-903	22.2	583
96	Squalamine: an appropriate strategy against the emergence of multidrug resistant gram-negative bacteria?. <i>PLoS ONE</i> , <b>2008</b> , 3, e2765	3.7	45
95	Potential role of non-antibiotics (helper compounds) in the treatment of multidrug-resistant Gram-negative infections: mechanisms for their direct and indirect activities. <i>International Journal of Antimicrobial Agents</i> , <b>2008</b> , 31, 198-208	14.3	98
94	The omp50 gene is transcriptionally controlled by a temperature-dependent mechanism conserved among thermophilic <i>Campylobacter</i> species. <i>Research in Microbiology</i> , <b>2008</b> , 159, 270-8	4	6
93	Membrane permeability and regulation of drug "influx and efflux" in enterobacterial pathogens. <i>Current Drug Targets</i> , <b>2008</b> , 9, 750-9	3	138
92	Identification and evolution of drug efflux pump in clinical <i>Enterobacter aerogenes</i> strains isolated in 1995 and 2003. <i>PLoS ONE</i> , <b>2008</b> , 3, e3203	3.7	37
91	Dihydroethanoanthracene derivatives reverse in vitro quinoline resistance in <i>Plasmodium falciparum</i> malaria. <i>Medicinal Chemistry</i> , <b>2008</b> , 4, 426-37	1.8	11
90	Antibiotic efflux pumps in Gram-negative bacteria: the inhibitor response strategy. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 59, 1223-9	5.1	176
89	Chromosomal His-tagging: an alternative approach to membrane protein purification. <i>Proteomics</i> , <b>2007</b> , 7, 399-402	4.8	3
88	Prevalence of efflux activity in low-level macrolide-resistant <i>Campylobacter</i> species. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 59, 327-8	5.1	4
87	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. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 59, 1261-4	5.1	78
86	Antibiotic-resistant <i>Campylobacter</i> : could efflux pump inhibitors control infection?. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 59, 1230-6	5.1	25
85	Antibiotic stress, genetic response and altered permeability of <i>E. coli</i> . <i>PLoS ONE</i> , <b>2007</b> , 2, e365	3.7	138
84	An early response to environmental stress involves regulation of OmpX and OmpF, two enterobacterial outer membrane pore-forming proteins. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2007</b> , 51, 3190-8	5.9	50
83	The <i>Enterobacter aerogenes</i> outer membrane efflux proteins TolC and EefC have different channel properties. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2007</b> , 1768, 2559-67	3.8	11
82	Production of the cryptic EefABC efflux pump in <i>Enterobacter aerogenes</i> chloramphenicol-resistant mutants. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2006</b> , 57, 1223-6	5.1	19
81	Chloroquinolines block antibiotic efflux pumps in antibiotic-resistant <i>Enterobacter aerogenes</i> isolates. <i>International Journal of Antimicrobial Agents</i> , <b>2006</b> , 27, 565-9	14.3	26



80	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> , <b>2006</b> , 39, 135-40	7.9	14
79	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> , <b>2006</b> , 1, 157-75	1.6	97
78	Quinoline derivatives as promising inhibitors of antibiotic efflux pump in multidrug resistant <i>Enterobacter aerogenes</i> isolates. <i>Current Drug Targets</i> , <b>2006</b> , 7, 843-7	3	134
77	An instrument-free method for the demonstration of efflux pump activity of bacteria. <i>In Vivo</i> , <b>2006</b> , 20, 657-64	2.3	25
76	Identification of an OprD homologue in <i>Acinetobacter baumannii</i> . <i>Journal of Proteome Research</i> , <b>2005</b> , 4, 2386-90	5.6	71
75	Beta-lactam screening by specific residues of the OmpF eyelet. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 1395-400	8.3	42
74	Inhibitors of efflux pumps in Gram-negative bacteria. <i>Trends in Molecular Medicine</i> , <b>2005</b> , 11, 382-9	11.5	170
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