

Anne Davin-Regli

List of Publications by Year in descending order

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27
papers

2,012
citations

516710

16
h-index

526287

27
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27
all docs

27
docs citations

27
times ranked

2238
citing authors

#	ARTICLE	IF	CITATIONS
1	Enterobacter aerogenes and Enterobacter cloacae; versatile bacterial pathogens confronting antibiotic treatment. <i>Frontiers in Microbiology</i> , 2015, 6, 392.	3.5	368
2	<i>Enterobacter</i> spp.: Update on Taxonomy, Clinical Aspects, and Emerging Antimicrobial Resistance. <i>Clinical Microbiology Reviews</i> , 2019, 32, .	13.6	276
3	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
4	Porin alteration and active efflux: two in vivo drug resistance strategies used by <i>Enterobacter aerogenes</i> . <i>Microbiology (United Kingdom)</i> , 1998, 144, 3003-3009.	1.8	174
5	Membrane Permeability and Regulation of Drug Influx and Efflux in Enterobacterial Pathogens. <i>Current Drug Targets</i> , 2008, 9, 750-759.	2.1	157
6	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
7	Most <i>Enterobacter aerogenes</i> Strains in France Belong to a Prevalent Clone. <i>Journal of Clinical Microbiology</i> , 1999, 37, 2165-2169.	3.9	95
8	RamA Is an Alternate Activator of the Multidrug Resistance Cascade in <i>Enterobacter aerogenes</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 2518-2523.	3.2	90
9	Imipenem and expression of multidrug efflux pump in <i>Enterobacter aerogenes</i> . <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 985-990.	2.1	75
10	Resistance to imipenem, cefepime, and ceftazidime associated with mutation in Omp36 osmoporin of <i>Enterobacter aerogenes</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 851-856.	2.1	71
11	mar Operon Involved in Multidrug Resistance of <i>Enterobacter aerogenes</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 1093-1097.	3.2	51
12	Identification and Evolution of Drug Efflux Pump in Clinical <i>Enterobacter aerogenes</i> Strains Isolated in 1995 and 2003. <i>PLoS ONE</i> , 2008, 3, e3203.	2.5	50
13	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
14	Omp35, a New <i>Enterobacter aerogenes</i> Porin Involved in Selective Susceptibility to Cephalosporins. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 2153-2158.	3.2	33
15	Antibiotic Uptake through Membrane Channels: Role of <i>Providencia stuartii</i> OmpPst1 Porin in Carbapenem Resistance. <i>Biochemistry</i> , 2012, 51, 10244-10249.	2.5	30
16	An Intertwined Network of Regulation Controls Membrane Permeability Including Drug Influx and Efflux in <i>Enterobacteriaceae</i> . <i>Microorganisms</i> , 2020, 8, 833.	3.6	20
17	Clinical Status of Efflux Resistance Mechanisms in Gram-Negative Bacteria. <i>Antibiotics</i> , 2021, 10, 1117.	3.7	19
18	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

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19	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
20	<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
21	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
22	<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
23	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
24	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
25	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
26	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
27	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