

# Keith Poole

## List of Publications by Year in descending order

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53  
papers

7,495  
citations

81743

39  
h-index

205818

48  
g-index

54  
all docs

54  
docs citations

54  
times ranked

6953  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efflux-mediated antimicrobial resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 56, 20-51.	1.3	821
2	<i>Pseudomonas Aeruginosa</i> : Resistance to the Max. <i>Frontiers in Microbiology</i> , 2011, 2, 65.	1.5	723
3	Efflux pumps as antimicrobial resistance mechanisms. <i>Annals of Medicine</i> , 2007, 39, 162-176.	1.5	425
4	Bacterial stress responses as determinants of antimicrobial resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2069-2089.	1.3	412
5	Overexpression of the <i>mexC-mexD-oprJ</i> efflux operon in <i>innxB</i> -type multidrug-resistant strains of <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 1996, 21, 713-725.	1.2	407
6	Aminoglycoside Resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 479-487.	1.4	373
7	At the Nexus of Antibiotics and Metals: The Impact of Cu and Zn on Antibiotic Activity and Resistance. <i>Trends in Microbiology</i> , 2017, 25, 820-832.	3.5	259
8	Multidrug Efflux Systems Play an Important Role in the Invasiveness of <i>Pseudomonas aeruginosa</i> . <i>Journal of Experimental Medicine</i> , 2002, 196, 109-118.	4.2	223
9	Influence of the <i>MexAB-OprM</i> Multidrug Efflux System on Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1998, 180, 5443-5447.	1.0	214
10	Cloning and sequence analysis of an <i>EnvCD</i> homologue in <i>Pseudomonas aeruginosa</i> : regulation by iron and possible involvement in the secretion of the siderophore pyoverdine. <i>Molecular Microbiology</i> , 1993, 10, 529-544.	1.2	207
11	Iron acquisition and its control in <i>Pseudomonas aeruginosa</i> many roads lead to rome. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, d661-686.	3.0	201
12	Role of the Multidrug Efflux Systems of <i>Pseudomonas aeruginosa</i> in Organic Solvent Tolerance. <i>Journal of Bacteriology</i> , 1998, 180, 2987-2991.	1.0	181
13	Stress responses as determinants of antimicrobial resistance in Gram-negative bacteria. <i>Trends in Microbiology</i> , 2012, 20, 227-234.	3.5	179
14	Expression of <i>Pseudomonas aeruginosa</i> Multidrug Efflux Pumps <i>MexA-MexB-OprM</i> and <i>MexC-MexD-OprJ</i> in a Multidrug-Sensitive <i>Escherichia coli</i> Strain. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 65-71.	1.4	172
15	Contribution of the <i>MexXY</i> Multidrug Transporter to Aminoglycoside Resistance in <i>Pseudomonas aeruginosa</i> Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 3202-3207.	1.4	161
16	Outer Membranes and Efflux: The Path to Multidrug Resistance in Gram- Negative Bacteria. <i>Current Pharmaceutical Biotechnology</i> , 2002, 3, 77-98.	0.9	142
17	<i>MexCD-OprJ</i> Multidrug Efflux System of <i>Pseudomonas aeruginosa</i> : Involvement in Chlorhexidine Resistance and Induction by Membrane-Damaging Agents Dependent upon the AlgU Stress Response Sigma Factor. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 4478-4482.	1.4	140
18	Influence of Mutations in the <i>mexR</i> Repressor Gene on Expression of the <i>MexA-MexB-OprM</i> Multidrug Efflux System of <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2000, 182, 1410-1414.	1.0	138

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19	MexAB-OprM hyperexpression in NalC-type multidrug-resistant <i>Pseudomonas aeruginosa</i> : identification and characterization of the nalC gene encoding a repressor of PA3720-PA3719. <i>Molecular Microbiology</i> , 2004, 53, 1423-1436.	1.2	134
20	Induction of the MexXY Efflux Pump in <i>Pseudomonas aeruginosa</i> Is Dependent on Drug-Ribosome Interaction. <i>Journal of Bacteriology</i> , 2005, 187, 5341-5346.	1.0	133
21	MexR Repressor of the mexAB-oprM Multidrug Efflux Operon of <i>Pseudomonas aeruginosa</i> : Identification of MexR Binding Sites in the mexA-mexR Intergenic Region. <i>Journal of Bacteriology</i> , 2001, 183, 807-812.	1.0	131
22	Mutations in PA3574 ( nalD ) Lead to Increased MexAB-OprM Expression and Multidrug Resistance in Laboratory and Clinical Isolates of <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1782-1786.	1.4	126
23	<i>mexEF-oprN</i> Multidrug Efflux Operon of <i>Pseudomonas aeruginosa</i> : Regulation by the MexT Activator in Response to Nitrosative Stress and Chloramphenicol. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 508-514.	1.4	126
24	Antibiotic Inducibility of the MexXY Multidrug Efflux System of <i>Pseudomonas aeruginosa</i> : Involvement of the Antibiotic-Inducible PA5471 Gene Product. <i>Journal of Bacteriology</i> , 2006, 188, 1847-1855.	1.0	117
25	Iron-free pyoverdinin binds to its outer membrane receptor FpvA in <i>Pseudomonas aeruginosa</i> : a new mechanism for membrane iron transport. <i>Molecular Microbiology</i> , 2001, 39, 351-361.	1.2	110
26	Expression of the ferric enterobactin receptor (PfeA) of <i>Pseudomonas aeruginosa</i> : involvement of a two-component regulatory system. <i>Molecular Microbiology</i> , 1993, 8, 1095-1103.	1.2	106
27	Citrate-mediated iron uptake in <i>Pseudomonas aeruginosa</i> : involvement of the citrate-inducible FecA receptor and the FeoB ferrous iron transporter. <i>Microbiology (United Kingdom)</i> , 2009, 155, 305-315.	0.7	100
28	Overcoming antimicrobial resistance by targeting resistance mechanisms. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 283-294.	1.2	87
29	nalD Encodes a Second Repressor of the mexAB-oprM Multidrug Efflux Operon of <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2006, 188, 8649-8654.	1.0	83
30	Contribution of Outer Membrane Efflux Protein OprM to Antibiotic Resistance in <i>Pseudomonas aeruginosa</i> Independent of MexAB. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 1682-1688.	1.4	81
31	Novel pyoverdinin biosynthesis gene(s) of <i>Pseudomonas aeruginosa</i> PAO. <i>Microbiology (United Kingdom)</i> Tj ETQq1 1 0.784314 rgBT / Overlock 101 0,7 75	0.7	75
32	The MexR Repressor of the mexAB-oprM Multidrug Efflux Operon in <i>Pseudomonas aeruginosa</i> : Characterization of Mutations Compromising Activity. <i>Journal of Bacteriology</i> , 2002, 184, 4308-4312.	1.0	75
33	The <i>Pseudomonas aeruginosa</i> tonB gene encodes a novel TonB protein. <i>Microbiology (United Kingdom)</i> Tj ETQq1 1 0.784314 rgBT / Overlock 101 0,7 74	0.7	74
34	Assembly of the MexAB-OprM Multidrug Efflux System of <i>Pseudomonas aeruginosa</i> : Identification and Characterization of Mutations in mexA Compromising MexA Multimerization and Interaction with MexB. <i>Journal of Bacteriology</i> , 2004, 186, 2973-2983.	1.0	62
35	Antibiotic Inducibility of the mexXY Multidrug Efflux Operon of <i>Pseudomonas aeruginosa</i> : Involvement of the MexZ Anti-Repressor ArmZ. <i>PLoS ONE</i> , 2013, 8, e56858.	1.1	60
36	Protein Modulator of Multidrug Efflux Gene Expression in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2007, 189, 5441-5451.	1.0	57

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37	Functional characterization of the NfxB repressor of the mexCD <i>–</i> oprJ multidrug efflux operon of <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2013, 159, 2058-2073.	0.7	56
38	Determinants of Intrinsic Aminoglycoside Resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5591-5602.	1.4	54
39	AmgRS <i>–</i> mediated envelope stress <i>–</i> inducible expression of the mexXY multidrug efflux operon of <i>Pseudomonas aeruginosa</i> . <i>MicrobiologyOpen</i> , 2015, 4, 121-135.	1.2	43
40	Mutational Activation of the AmgRS Two-Component System in Aminoglycoside-Resistant <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2243-2251.	1.4	41
41	Pentachlorophenol Induction of the <i>Pseudomonas aeruginosa</i> mexAB-oprM Efflux Operon: Involvement of Repressors NalC and MexR and the Antirepressor ArmR. <i>PLoS ONE</i> , 2012, 7, e32684.	1.1	30
42	Reduced Expression of the <i>rplU-rpmA</i> Ribosomal Protein Operon in <i>mexXY</i> -Expressing Pan-Aminoglycoside-Resistant Mutants of <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5171-5179.	1.4	28
43	<i>EsrC</i> , an envelope stress <i>–</i> regulated repressor of the <i>mexCD</i> <i>–</i> <i>oprJ</i> multidrug efflux operon in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2015, 17, 186-198.	1.8	23
44	Polymyxin Susceptibility in <i>Pseudomonas aeruginosa</i> Linked to the MexXY-OprM Multidrug Efflux System. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7276-7289.	1.4	18
45	Overcoming multidrug resistance in gram-negative bacteria. <i>Current Opinion in Investigational Drugs</i> , 2003, 4, 128-39.	2.3	18
46	Potential of Aminoglycoside Activity in <i>Pseudomonas aeruginosa</i> by Targeting the AmgRS Envelope Stress-Responsive Two-Component System. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3509-3518.	1.4	17
47	Aminoglycoside-inducible expression of the mexAB-oprM multidrug efflux operon in <i>Pseudomonas aeruginosa</i> : Involvement of the envelope stress-responsive AmgRS two-component system. <i>PLoS ONE</i> , 2018, 13, e0205036.	1.1	16
48	Meropenem potentiation of aminoglycoside activity against <i>Pseudomonas aeruginosa</i> : involvement of the MexXY-OprM multidrug efflux system. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1247-1255.	1.3	13
49	Quorum-sensing and siderophore biosynthesis in <i>Pseudomonas aeruginosa</i> : <i>lasRllasI</i> mutants exhibit reduced pyoverdine biosynthesis. , 0, .		6
50	<i>Pseudomonas aeruginosa</i> . , 2014, , 355-366.		5
51	<i>Pseudomonas</i> . , 0, , 293-310.		3
52	The ferripyoverdine receptor FpvA of <i>Pseudomonas aeruginosa</i> PAO1 recognizes the ferripyoverdines of <i>P aeruginosa</i> PAO1 and <i>P fluorescens</i> ATCC 13525. , 0, .		2
53	Antimicrobial and Stress Resistance. , 0, , 304-324.		1