

Douglas G Storey

List of Publications by Year in descending order

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50
papers

2,882
citations

218677

26
h-index

197818

49
g-index

51
all docs

51
docs citations

51
times ranked

3334
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Pseudomonas aeruginosa</i> Quorum-Sensing Systems May Control Virulence Factor Expression in the Lungs of Patients with Cystic Fibrosis. <i>Infection and Immunity</i> , 2002, 70, 1783-1790.	2.2	266
2	Multidrug Efflux Pumps: Expression Patterns and Contribution to Antibiotic Resistance in <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1761-1770.	3.2	257
3	Discerning the Complexity of Community Interactions Using a <i>Drosophila</i> Model of Polymicrobial Infections. <i>PLoS Pathogens</i> , 2008, 4, e1000184.	4.7	230
4	<i>Pseudomonas aeruginosa</i> GacA, a factor in multihost virulence, is also essential for biofilm formation. <i>Molecular Microbiology</i> , 2001, 40, 1215-1226.	2.5	225
5	<i>Pseudomonas aeruginosa</i> <i>lasR</i> Transcription Correlates with the Transcription of <i>lasA</i> , <i>lasB</i> , and <i>toxA</i> in Chronic Lung Infections Associated with Cystic Fibrosis. <i>Infection and Immunity</i> , 1998, 66, 2521-2528.	2.2	133
6	[25] The MBEC assay system: Multiple equivalent biofilms for antibiotic and biocide susceptibility testing. <i>Methods in Enzymology</i> , 2001, 337, 377-385.	1.0	130
7	Rapid Colorimetric Assay for Antimicrobial Susceptibility Testing of <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 1879-1881.	3.2	117
8	<i>Pseudomonas aeruginosa</i> <i>relA</i> Contributes to Virulence in <i>Drosophila melanogaster</i> . <i>Infection and Immunity</i> , 2004, 72, 5638-5645.	2.2	109
9	In Vivo Regulation of Virulence in <i>Pseudomonas aeruginosa</i> Associated with Genetic Rearrangement. <i>Journal of Infectious Diseases</i> , 1991, 163, 143-149.	4.0	96
10	Mechanism of action of puoroindoline derived tryptophan-rich antimicrobial peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1802-1813.	2.6	95
11	Regulation of <i>toxA</i> and <i>regA</i> by the <i>Escherichia coli</i> <i>fur</i> gene and identification of a <i>Fur</i> homologue in <i>Pseudomonas aeruginosa</i> PA103 and PA01. <i>Molecular Microbiology</i> , 1991, 5, 2823-2831.	2.5	93
12	Differential regulation by iron of <i>regA</i> and <i>toxA</i> transcript accumulation in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1989, 171, 5304-5313.	2.2	81
13	Quorum-Sensing Mutations Affect Attachment and Stability of <i>Burkholderia cenocepacia</i> Biofilms. <i>Applied and Environmental Microbiology</i> , 2005, 71, 5208-5218.	3.1	77
14	The GacS sensor kinase controls phenotypic reversion of small colony variants isolated from biofilms of <i>Pseudomonas aeruginosa</i> PA14. <i>FEMS Microbiology Ecology</i> , 2007, 59, 32-46.	2.7	70
15	The Stringent Response Is Essential for <i>Pseudomonas aeruginosa</i> Virulence in the Rat Lung Agar Bead and <i>Drosophila melanogaster</i> Feeding Models of Infection. <i>Infection and Immunity</i> , 2011, 79, 4094-4104.	2.2	67
16	Prevalence and Outcomes of <i>Achromobacter</i> Species Infections in Adults with Cystic Fibrosis: a North American Cohort Study. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2074-2085.	3.9	63
17	Multiple promoters control the regulation of the <i>Pseudomonas aeruginosa</i> <i>regA</i> gene. <i>Molecular Microbiology</i> , 1990, 4, 499-503.	2.5	57
18	The effects of inhaled aztreonam on the cystic fibrosis lung microbiome. <i>Microbiome</i> , 2017, 5, 51.	11.1	53

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19	Zinc and iron regulate translation of the gene encoding Pseudomonas aeruginosaelastase. Molecular Microbiology, 1992, 6, 337-344.	2.5	50
20	Twenty-Five-Year Outbreak of Pseudomonas aeruginosa Infecting Individuals with Cystic Fibrosis: Identification of the Prairie Epidemic Strain. Journal of Clinical Microbiology, 2014, 52, 1127-1135.	3.9	49
21	Identification of regB, a gene required for optimal exotoxin A yields in Pseudomonas aeruginosa. Molecular Microbiology, 1990, 4, 489-497.	2.5	42
22	Effect of regB on expression from the P1 and P2 promoters of the Pseudomonas aeruginosa regAB operon. Journal of Bacteriology, 1991, 173, 6088-6094.	2.2	39
23	The Pseudomonas aeruginosa alternative sigma factor PvdS controls exotoxin A expression and is expressed in lung infections associated with cystic fibrosis. Microbiology (United Kingdom), 2002, 148, 3183-3193.	1.8	39
24	Genetic rearrangement associated with in vivo mucoid conversion of Pseudomonas aeruginosa PAO is due to insertion elements. Journal of Bacteriology, 1994, 176, 553-562.	2.2	38
25	Assessment of the Microbial Constituents of the Home Environment of Individuals with Cystic Fibrosis (CF) and Their Association with Lower Airways Infections. PLoS ONE, 2016, 11, e0148534.	2.5	34
26	Nucleotide Sequence of the Coding and Flanking Regions of the Human Parainfluenza Virus 3 Hemagglutinin – Neuraminidase Gene: Comparison with Other Paramyxoviruses. Intervirology, 1987, 27, 69-80.	2.8	30
27	<i>Pseudomonas aeruginosa</i> Cystic Fibrosis Isolates from Individual Patients Demonstrate a Range of Levels of Lethality in Two <i>Drosophila melanogaster</i> Infection Models. Infection and Immunity, 2008, 76, 1877-1888.	2.2	30
28	migA, a quorum-responsive gene of Pseudomonas aeruginosa, is highly expressed in the cystic fibrosis lung environment and modifies low-molecular-mass lipopolysaccharide. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10ff 50 377		
29	Phenotypic and Genotypic Comparison of Epidemic and Non-Epidemic Strains of Pseudomonas aeruginosa from Individuals with Cystic Fibrosis. PLoS ONE, 2015, 10, e0143466.	2.5	26
30	Pseudomonas aeruginosa cystic fibrosis clinical isolates produce exotoxin A with altered ADP-ribosyltransferase activity and cytotoxicity The GenBank accession numbers for the toxA sequences are: strain 4384, AF227419; strain 5154, AF227420; strain 5166, AF227421; strain 5552, AF227422; strain 5585, AF227423; strain 5588, AF227424.. Microbiology (United Kingdom), 2000, 146, 1891-1899.	1.8	23
31	Hydroxy-tryptophan containing derivatives of tritrypticin: Modification of antimicrobial activity and membrane interactions. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 277-288.	2.6	23
32	Sputum microbiota in adults with CF associates with response to inhaled tobramycin. Thorax, 2020, 75, 1058-1064.	5.6	23
33	Lethality and cooperation of Pseudomonas aeruginosa quorum-sensing mutants in Drosophila melanogaster infection models. Microbiology (United Kingdom), 2012, 158, 2125-2132.	1.8	22
34	Virulence adaptations of Pseudomonas aeruginosa isolated from patients with non-cystic fibrosis bronchiectasis. Microbiology (United Kingdom), 2016, 162, 2126-2135.	1.8	22
35	The effects of cycled inhaled aztreonam on the cystic fibrosis (CF) lung microbiome. Journal of Cystic Fibrosis, 2019, 18, 829-837.	0.7	21
36	Potential of metabolomics to reveal Burkholderia cepacia complex pathogenesis and antibiotic resistance. Frontiers in Microbiology, 2015, 6, 668.	3.5	20

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37	<i>Pseudomonas aeruginosa</i> Exoenzyme S Stimulates Murine Lymphocyte Proliferation In Vitro. Infection and Immunity, 1999, 67, 4613-4619.	2.2	15
38	Epidemiology and natural history of <i>Pseudomonas aeruginosa</i> airway infections in non-cystic fibrosis bronchiectasis. ERJ Open Research, 2018, 4, 00162-2017.	2.6	14
39	Malaria prevention and care seeking among gold miners in Guyana. PLoS ONE, 2020, 15, e0244454.	2.5	12
40	Development and Validation of a PCR Assay To Detect the Prairie Epidemic Strain of <i>Pseudomonas aeruginosa</i> from Patients with Cystic Fibrosis. Journal of Clinical Microbiology, 2016, 54, 489-491.	3.9	11
41	Digestomics: an emerging strategy for comprehensive analysis of protein catabolism. Current Opinion in Biotechnology, 2017, 43, 134-140.	6.6	11
42	Mixed species biofilms of <i>Fusobacterium necrophorum</i> and <i>Porphyromonas levii</i> impair the oxidative response of bovine neutrophils in vitro. Anaerobe, 2017, 47, 157-164.	2.1	8
43	Linker insertion scanning of <i>regA</i> , an activator of exotoxin A production in <i>Pseudomonas aeruginosa</i> . Molecular Microbiology, 1996, 22, 239-254.	2.5	7
44	Post-transcriptional control of <i>Pseudomonas aeruginosa</i> <i>lasB</i> expression involves the 5' untranslated region of the mRNA. FEMS Microbiology Letters, 1998, 159, 233-239.	1.8	6
45	[8] Subtractive hybridization-based identification of genes uniquely expressed or hyperexpressed during biofilm growth. Methods in Enzymology, 2001, 336, 76-84.	1.0	6
46	[40] Regulation of expression of <i>Pseudomonas</i> exotoxin a by iron. Methods in Enzymology, 1994, 235, 502-517.	1.0	4
47	Effect of freezing sputum on <i>Pseudomonas aeruginosa</i> population heterogeneity. Journal of Cystic Fibrosis, 2017, 16, 353-357.	0.7	4
48	Minimal Biofilm Eradication Concentration (MBEC) Assay. , 2005, , 257-269.		3
49	Improving Communication Messages by Using Perceptual Mapping: Family Planning Survey in East Java and West Nusa Tenggara, Indonesia. SAGE Open Medicine, 2021, 9, 205031212199328.	1.8	1
50	Incidence, impact and natural history of <i>Klebsiella</i> species infections in cystic fibrosis: A longitudinal single center study. Canadian Journal of Respiratory, Critical Care, and Sleep Medicine, 2019, 3, 148-154.	0.5	0