

Jens Bo Andersen

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

8,106
citations

159525

30
h-index

197736

49
g-index

50
all docs

50
docs citations

50
times ranked

7228
citing authors

#	ARTICLE	IF	CITATIONS
1	Attenuation of <i>Pseudomonas aeruginosa</i> virulence by quorum sensing inhibitors. <i>EMBO Journal</i> , 2003, 22, 3803-3815.	3.5	1,205
2	Inhibition of quorum sensing in <i>Pseudomonas aeruginosa</i> biofilm bacteria by a halogenated furanone compound. <i>Microbiology (United Kingdom)</i> , 2002, 148, 87-102.	0.7	919
3	New Unstable Variants of Green Fluorescent Protein for Studies of Transient Gene Expression in Bacteria. <i>Applied and Environmental Microbiology</i> , 1998, 64, 2240-2246.	1.4	883
4	Halogenated furanones inhibit quorum sensing through accelerated LuxR turnover. <i>Microbiology (United Kingdom)</i> , 2002, 148, 1119-1127.	0.7	526
5	Identity and effects of quorum-sensing inhibitors produced by <i>Penicillium</i> species. <i>Microbiology (United Kingdom)</i> , 2005, 151, 1325-1340.	0.7	425
6	Synthetic furanones inhibit quorum-sensing and enhance bacterial clearance in <i>Pseudomonas aeruginosa</i> lung infection in mice. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 1054-1061.	1.3	383
7	<i>gfp</i> -Based N -Acyl Homoserine-Lactone Sensor Systems for Detection of Bacterial Communication. <i>Applied and Environmental Microbiology</i> , 2001, 67, 575-585.	1.4	312
8	In Situ Gene Expression in Mixed-Culture Biofilms: Evidence of Metabolic Interactions between Community Members. <i>Applied and Environmental Microbiology</i> , 1998, 64, 721-732.	1.4	307
9	Development and Dynamics of <i>Pseudomonas</i> sp. Biofilms. <i>Journal of Bacteriology</i> , 2000, 182, 6482-6489.	1.0	288
10	Establishment of New Genetic Traits in a Microbial Biofilm Community. <i>Applied and Environmental Microbiology</i> , 1998, 64, 2247-2255.	1.4	284
11	Distribution of Bacterial Growth Activity in Flow-Chamber Biofilms. <i>Applied and Environmental Microbiology</i> , 1999, 65, 4108-4117.	1.4	267
12	[2] Molecular tools for study of biofilm physiology. <i>Methods in Enzymology</i> , 1999, 310, 20-42.	0.4	246
13	How <i>Delisea pulchra</i> furanones affect quorum sensing and swarming motility in <i>Serratia liquefaciens</i> MG1. <i>Microbiology (United Kingdom)</i> , 2000, 146, 3237-3244.	0.7	234
14	Dynamics and Spatial Distribution of β -Lactamase Expression in <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 1168-1174.	1.4	165
15	Detection of N-acylhomoserine lactones in lung tissues of mice infected with <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2000, 146, 2481-2493.	0.7	156
16	Heterogeneity of Biofilms Formed by Nonmucooid <i>Pseudomonas aeruginosa</i> Isolates from Patients with Cystic Fibrosis. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5247-5255.	1.8	142
17	Nonmucooid <i>Pseudomonas aeruginosa</i> Expresses Alginate in the Lungs of Patients with Cystic Fibrosis and in a Mouse Model. <i>Journal of Infectious Diseases</i> , 2005, 192, 410-419.	1.9	128
18	Surface motility in <i>Pseudomonas</i> sp. DSS73 is required for efficient biological containment of the root-pathogenic microfungi <i>Rhizoctonia solani</i> and <i>Pythium ultimum</i> . <i>Microbiology (United Kingdom)</i> , 2003, 149, 37-46.	0.7	124

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19	Bacillus subtilis PrsA is required in vivo as an extracytoplasmic chaperone for secretion of active enzymes synthesized either with or without pro-sequences. <i>Molecular Microbiology</i> , 1993, 8, 957-966.	1.2	119
20	Involvement of Bacterial Quorum-Sensing Signals in Spoilage of Bean Sprouts. <i>Applied and Environmental Microbiology</i> , 2005, 71, 3321-3330.	1.4	98
21	Lipopeptide Production in <i>Pseudomonas</i> sp. Strain DSS73 Is Regulated by Components of Sugar Beet Seed Exudate via the Gac Two-Component Regulatory System. <i>Applied and Environmental Microbiology</i> , 2002, 68, 4509-4516.	1.4	89
22	Introducing GLU Low-Density Array (GULDA) - a validated approach for qPCR-based intestinal microbial community analysis. <i>FEMS Microbiology Letters</i> , 2012, 337, 38-47.	0.7	76
23	C-di-GMP regulates <i>Pseudomonas aeruginosa</i> stress response to tellurite during both planktonic and biofilm modes of growth. <i>Scientific Reports</i> , 2015, 5, 10052.	1.6	72
24	Small Molecule Anti-biofilm Agents Developed on the Basis of Mechanistic Understanding of Biofilm Formation. <i>Frontiers in Chemistry</i> , 2019, 7, 742.	1.8	70
25	Some putative prebiotics increase the severity of <i>Salmonella enterica</i> serovar Typhimurium infection in mice. <i>BMC Microbiology</i> , 2009, 9, 245.	1.3	61
26	A broad range quorum sensing inhibitor working through sRNA inhibition. <i>Scientific Reports</i> , 2017, 7, 9857.	1.6	60
27	Oxygen restriction increases the infective potential of <i>Listeria monocytogenes</i> in vitro in Caco-2 cells and in vivo in guinea pigs. <i>BMC Microbiology</i> , 2007, 7, 55.	1.3	55
28	Construction of a multiple fluorescence labelling system for use in co-invasion studies of <i>Listeria monocytogenes</i> . <i>BMC Microbiology</i> , 2006, 6, 86.	1.3	38
29	Identification of small molecules that interfere with c-di-GMP signaling and induce dispersal of <i>Pseudomonas aeruginosa</i> biofilms. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 59.	2.9	37
30	Analysis of the intestinal microbiota of oligosaccharide fed mice exhibiting reduced resistance to <i>Salmonella</i> infection. <i>Beneficial Microbes</i> , 2010, 1, 271-281.	1.0	32
31	Xylo-oligosaccharides inhibit pathogen adhesion to enterocytes in vitro. <i>Research in Microbiology</i> , 2012, 163, 22-27.	1.0	31
32	Real-Time Monitoring of <i>nfxB</i> Mutant Occurrence and Dynamics in <i>Pseudomonas aeruginosa</i> Biofilm Exposed to Subinhibitory Concentrations of Ciprofloxacin. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	29
33	Well-known quorum sensing inhibitors do not affect bacterial quorum sensing-regulated bean sprout spoilage. <i>Journal of Applied Microbiology</i> , 2007, 102, 826-837.	1.4	27
34	High levels of cAMP inhibit <i>Pseudomonas aeruginosa</i> biofilm formation through reduction of the c-di-GMP content. <i>Microbiology (United Kingdom)</i> , 2019, 165, 324-333.	0.7	27
35	Induction of Native c-di-GMP Phosphodiesterases Leads to Dispersal of <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	25
36	Ventilatory strategy in catastrophic lung disease. Inversed ratio ventilation (IRV) and combined high frequency ventilation (CHFV). <i>Acta Anaesthesiologica Scandinavica</i> , 1989, 33, 145-148.	0.7	24

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37	The ubiquitin C-terminal hydrolase UCH-L1 promotes bacterial invasion by altering the dynamics of the actin cytoskeleton. <i>Cellular Microbiology</i> , 2010, 12, 1622-1633.	1.1	24
38	Comparison of three <i>Listeria monocytogenes</i> strains in a guinea-pig model simulating food-borne exposure. <i>FEMS Microbiology Letters</i> , 2009, 291, 88-94.	0.7	22
39	Thioredoxin 80-Activated-Monocytes (TAMs) Inhibit the Replication of Intracellular Pathogens. <i>PLoS ONE</i> , 2011, 6, e16960.	1.1	18
40	The anti-cancerous drug doxorubicin decreases the c-di-GMP content in <i>Pseudomonas aeruginosa</i> but promotes biofilm formation. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1797-1807.	0.7	17
41	A GPCR-based yeast biosensor for biomedical, biotechnological, and point-of-use cannabinoid determination. <i>Nature Communications</i> , 2022, 13, .	5.8	17
42	<i>In Situ</i> Detection of Gene Transfer in a Model Biofilm Engaged in Degradation of Benzyl Alcohol. <i>Apmis</i> , 1998, 106, 25-28.	0.9	8
43	[12] Genetic and chemical tools for investigating signaling processes in biofilms. <i>Methods in Enzymology</i> , 2001, 336, 108-114.	0.4	8
44	Quantification of specific <i>E. coli</i> in gut mucosa from Crohn's disease patients. <i>Journal of Microbiological Methods</i> , 2011, 86, 111-114.	0.7	8
45	Transcription of the Alginate Operon in <i>Pseudomonas aeruginosa</i> Is Regulated by c-di-GMP. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	8
46	Effect of the vitamin B12-binding protein haptocorrin present in human milk on a panel of commensal and pathogenic bacteria. <i>BMC Research Notes</i> , 2011, 4, 208.	0.6	4
47	SAR study of 4-arylazo-3,5-diamino-1H-pyrazoles: identification of small molecules that induce dispersal of <i>Pseudomonas aeruginosa</i> biofilms. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1868-1878.	1.7	4
48	Redox Protein OsaR (PA0056) Regulates dsbM and the Oxidative Stress Response in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	3
49	<i>Serratia liquefaciens</i> swarm cells exhibit enhanced resistance to predation by <i>Tetrahymena</i> sp.. <i>FEMS Microbiology Letters</i> , 1998, 164, 69-75.	0.7	1
50	High-Throughput Screening for Compounds that Modulate the Cellular c-di-GMP Level in Bacteria. <i>Methods in Molecular Biology</i> , 2017, 1657, 455-470.	0.4	0