

# Jens Bo Andersen

## List of Publications by Citations

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48  
papers

6,896  
citations

28  
h-index

50  
g-index

50  
ext. papers

7,506  
ext. citations

4.5  
avg, IF

4.83  
L-index

#	Paper	IF	Citations
48	Attenuation of <i>Pseudomonas aeruginosa</i> virulence by quorum sensing inhibitors. <i>EMBO Journal</i> , <b>2003</b> , 22, 3803-15	13	1019
47	Inhibition of quorum sensing in <i>Pseudomonas aeruginosa</i> biofilm bacteria by a halogenated furanone compound. <i>Microbiology (United Kingdom)</i> , <b>2002</b> , 148, 87-102	2.9	785
46	New unstable variants of green fluorescent protein for studies of transient gene expression in bacteria. <i>Applied and Environmental Microbiology</i> , <b>1998</b> , 64, 2240-6	4.8	738
45	Halogenated furanones inhibit quorum sensing through accelerated LuxR turnover. <i>Microbiology (United Kingdom)</i> , <b>2002</b> , 148, 1119-1127	2.9	471
44	Identity and effects of quorum-sensing inhibitors produced by <i>Penicillium</i> species. <i>Microbiology (United Kingdom)</i> , <b>2005</b> , 151, 1325-1340	2.9	368
43	Synthetic furanones inhibit quorum-sensing and enhance bacterial clearance in <i>Pseudomonas aeruginosa</i> lung infection in mice. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2004</b> , 53, 1054-61	5.1	332
42	gfp-based N-acyl homoserine-lactone sensor systems for detection of bacterial communication. <i>Applied and Environmental Microbiology</i> , <b>2001</b> , 67, 575-85	4.8	285
41	In situ gene expression in mixed-culture biofilms: evidence of metabolic interactions between community members. <i>Applied and Environmental Microbiology</i> , <b>1998</b> , 64, 721-32	4.8	269
40	Development and dynamics of <i>Pseudomonas</i> sp. biofilms. <i>Journal of Bacteriology</i> , <b>2000</b> , 182, 6482-9	3.5	261
39	Establishment of new genetic traits in a microbial biofilm community. <i>Applied and Environmental Microbiology</i> , <b>1998</b> , 64, 2247-55	4.8	255
38	Distribution of bacterial growth activity in flow-chamber biofilms. <i>Applied and Environmental Microbiology</i> , <b>1999</b> , 65, 4108-17	4.8	238
37	Molecular tools for study of biofilm physiology. <i>Methods in Enzymology</i> , <b>1999</b> , 310, 20-42	1.7	222
36	How <i>Delisea pulchra</i> furanones affect quorum sensing and swarming motility in <i>Serratia liquefaciens</i> MG1. <i>Microbiology (United Kingdom)</i> , <b>2000</b> , 146 Pt 12, 3237-3244	2.9	204
35	Detection of N-acylhomoserine lactones in lung tissues of mice infected with <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , <b>2000</b> , 146 ( Pt 10), 2481-2493	2.9	141
34	Dynamics and spatial distribution of beta-lactamase expression in <i>Pseudomonas aeruginosa</i> biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2004</b> , 48, 1168-74	5.9	130
33	Heterogeneity of biofilms formed by nonmucoid <i>Pseudomonas aeruginosa</i> isolates from patients with cystic fibrosis. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 5247-55	9.7	124
32	Nonmucoid <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> , <b>2005</b> , 192, 410-9	7	113

31	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> , <b>1993</b> , 8, 957-66	4.1	108
30	Surface motility in Pseudomonas sp. DSS73 is required for efficient biological containment of the root-pathogenic microfungi Rhizoctonia solani and Pythium ultimum. <i>Microbiology (United Kingdom)</i> , <b>2003</b> , 149, 37-46	2.9	101
29	Involvement of bacterial quorum-sensing signals in spoilage of bean sprouts. <i>Applied and Environmental Microbiology</i> , <b>2005</b> , 71, 3321-30	4.8	83
28	Lipopeptide production in Pseudomonas 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> , <b>2002</b> , 68, 4509-16	4.8	81
27	Introducing GUT low-density array (GULDA): a validated approach for qPCR-based intestinal microbial community analysis. <i>FEMS Microbiology Letters</i> , <b>2012</b> , 337, 38-47	2.9	61
26	Some putative prebiotics increase the severity of Salmonella enterica serovar Typhimurium infection in mice. <i>BMC Microbiology</i> , <b>2009</b> , 9, 245	4.5	53
25	Oxygen restriction increases the infective potential of Listeria monocytogenes in vitro in Caco-2 cells and in vivo in guinea pigs. <i>BMC Microbiology</i> , <b>2007</b> , 7, 55	4.5	47
24	C-di-GMP regulates Pseudomonas aeruginosa stress response to tellurite during both planktonic and biofilm modes of growth. <i>Scientific Reports</i> , <b>2015</b> , 5, 10052	4.9	46
23	A broad range quorum sensing inhibitor working through sRNA inhibition. <i>Scientific Reports</i> , <b>2017</b> , 7, 9857	4.9	45
22	Small Molecule Anti-biofilm Agents Developed on the Basis of Mechanistic Understanding of Biofilm Formation. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 742	5	40
21	Construction of a multiple fluorescence labelling system for use in co-invasion studies of Listeria monocytogenes. <i>BMC Microbiology</i> , <b>2006</b> , 6, 86	4.5	35
20	Analysis of the intestinal microbiota of oligosaccharide fed mice exhibiting reduced resistance to Salmonella infection. <i>Beneficial Microbes</i> , <b>2010</b> , 1, 271-81	4.9	28
19	Well-known quorum sensing inhibitors do not affect bacterial quorum sensing-regulated bean sprout spoilage. <i>Journal of Applied Microbiology</i> , <b>2007</b> , 102, 826-37	4.7	25
18	Xylo-oligosaccharides inhibit pathogen adhesion to enterocytes in vitro. <i>Research in Microbiology</i> , <b>2012</b> , 163, 22-7	4	24
17	Ventilatory strategy in catastrophic lung disease. Inversed ratio ventilation (IRV) and combined high frequency ventilation (CHFV). <i>Acta Anaesthesiologica Scandinavica</i> , <b>1989</b> , 90, 145-8	1.9	21
16	The ubiquitin C-terminal hydrolase UCH-L1 promotes bacterial invasion by altering the dynamics of the actin cytoskeleton. <i>Cellular Microbiology</i> , <b>2010</b> , 12, 1622-33	3.9	19
15	Comparison of three Listeria monocytogenes strains in a guinea-pig model simulating food-borne exposure. <i>FEMS Microbiology Letters</i> , <b>2009</b> , 291, 88-94	2.9	19
14	Real-Time Monitoring of Mutant Occurrence and Dynamics in Pseudomonas aeruginosa Biofilm Exposed to Subinhibitory Concentrations of Ciprofloxacin. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	18

13	High levels of cAMP inhibit <i>Pseudomonas aeruginosa</i> biofilm formation through reduction of the c-di-GMP content. <i>Microbiology (United Kingdom)</i> , <b>2019</b> , 165, 324-333	2.9	16
12	Thioredoxin 80-activated-monocytes (TAMs) inhibit the replication of intracellular pathogens. <i>PLoS ONE</i> , <b>2011</b> , 6, e16960	3.7	15
11	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> , <b>2016</b> , 162, 1797-1807	2.9	15
10	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> , <b>2021</b> , 7, 59	8.2	10
9	Quantification of specific <i>E. coli</i> in gut mucosa from Crohn's disease patients. <i>Journal of Microbiological Methods</i> , <b>2011</b> , 86, 111-4	2.8	7
8	In situ detection of gene transfer in a model biofilm engaged in degradation of benzyl alcohol. <i>Apmis</i> , <b>1998</b> , 84, 25-8	3.4	6
7	Induction of Native c-di-GMP Phosphodiesterases Leads to Dispersal of <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , 65,	5.9	6
6	Genetic and chemical tools for investigating signaling processes in biofilms. <i>Methods in Enzymology</i> , <b>2001</b> , 336, 108-28	1.7	5
5	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> , <b>2011</b> , 4, 208	2.3	3
4	<i>Serratia liquefaciens</i> swarm cells exhibit enhanced resistance to predation by <i>Tetrahymena</i> sp.		1
3	SAR study of 4-arylazo-3,5-diamino-1-pyrazoles: identification of small molecules that induce dispersal of biofilms. <i>RSC Medicinal Chemistry</i> , <b>2021</b> , 12, 1868-1878	3.5	1
2	Redox Protein OsaR (PA0056) Regulates and the Oxidative Stress Response in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , 65,	5.9	1
1	High-Throughput Screening for Compounds that Modulate the Cellular c-di-GMP Level in Bacteria. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1657, 455-470	1.4	