

Jens Bo Andersen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Induction of Native c-di-GMP Phosphodiesterases Leads to Dispersal of <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, | 5.9 | 6 |
| 47 | SAR study of 4-arylazo-3,5-diamino-1-pyrazoles: identification of small molecules that induce dispersal of biofilms. <i>RSC Medicinal Chemistry</i> , 2021 , 12, 1868-1878 | 3.5 | 1 |
| 46 | Redox Protein OsaR (PA0056) Regulates and the Oxidative Stress Response in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, | 5.9 | 1 |
| 45 | 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 | 8.2 | 10 |
| 44 | Small Molecule Anti-biofilm Agents Developed on the Basis of Mechanistic Understanding of Biofilm Formation. <i>Frontiers in Chemistry</i> , 2019 , 7, 742 | 5 | 40 |
| 43 | 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 | 2.9 | 16 |
| 42 | Real-Time Monitoring of Mutant Occurrence and Dynamics in <i>Pseudomonas aeruginosa</i> Biofilm Exposed to Subinhibitory Concentrations of Ciprofloxacin. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61, | 5.9 | 18 |
| 41 | A broad range quorum sensing inhibitor working through sRNA inhibition. <i>Scientific Reports</i> , 2017 , 7, 9857 | 4.9 | 45 |
| 40 | 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 | 1.4 | |
| 39 | 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 | 2.9 | 15 |
| 38 | 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 | 4.9 | 46 |
| 37 | Xylo-oligosaccharides inhibit pathogen adhesion to enterocytes in vitro. <i>Research in Microbiology</i> , 2012 , 163, 22-7 | 4 | 24 |
| 36 | Introducing GUT low-density array (GULDA): a validated approach for qPCR-based intestinal microbial community analysis. <i>FEMS Microbiology Letters</i> , 2012 , 337, 38-47 | 2.9 | 61 |
| 35 | 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 | 2.3 | 3 |
| 34 | Quantification of specific <i>E. coli</i> in gut mucosa from Crohn's disease patients. <i>Journal of Microbiological Methods</i> , 2011 , 86, 111-4 | 2.8 | 7 |
| 33 | Thioredoxin 80-activated-monocytes (TAMs) inhibit the replication of intracellular pathogens. <i>PLoS ONE</i> , 2011 , 6, e16960 | 3.7 | 15 |
| 32 | The ubiquitin C-terminal hydrolase UCH-L1 promotes bacterial invasion by altering the dynamics of the actin cytoskeleton. <i>Cellular Microbiology</i> , 2010 , 12, 1622-33 | 3.9 | 19 |

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| 31 | Analysis of the intestinal microbiota of oligosaccharide fed mice exhibiting reduced resistance to Salmonella infection. <i>Beneficial Microbes</i> , 2010 , 1, 271-81 | 4.9 | 28 |
| 30 | Some putative prebiotics increase the severity of Salmonella enterica serovar Typhimurium infection in mice. <i>BMC Microbiology</i> , 2009 , 9, 245 | 4.5 | 53 |
| 29 | Comparison of three Listeria monocytogenes strains in a guinea-pig model simulating food-borne exposure. <i>FEMS Microbiology Letters</i> , 2009 , 291, 88-94 | 2.9 | 19 |
| 28 | Well-known quorum sensing inhibitors do not affect bacterial quorum sensing-regulated bean sprout spoilage. <i>Journal of Applied Microbiology</i> , 2007 , 102, 826-37 | 4.7 | 25 |
| 27 | 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> , 2007 , 7, 55 | 4.5 | 47 |
| 26 | Construction of a multiple fluorescence labelling system for use in co-invasion studies of Listeria monocytogenes. <i>BMC Microbiology</i> , 2006 , 6, 86 | 4.5 | 35 |
| 25 | Involvement of bacterial quorum-sensing signals in spoilage of bean sprouts. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 3321-30 | 4.8 | 83 |
| 24 | Nonmucooid Pseudomonas aeruginosa expresses alginate in the lungs of patients with cystic fibrosis and in a mouse model. <i>Journal of Infectious Diseases</i> , 2005 , 192, 410-9 | 7 | 113 |
| 23 | Identity and effects of quorum-sensing inhibitors produced by Penicillium species. <i>Microbiology (United Kingdom)</i> , 2005 , 151, 1325-1340 | 2.9 | 368 |
| 22 | Heterogeneity of biofilms formed by nonmucooid Pseudomonas aeruginosa isolates from patients with cystic fibrosis. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 5247-55 | 9.7 | 124 |
| 21 | Dynamics and spatial distribution of beta-lactamase expression in Pseudomonas aeruginosa biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 1168-74 | 5.9 | 130 |
| 20 | Synthetic furanones inhibit quorum-sensing and enhance bacterial clearance in Pseudomonas aeruginosa lung infection in mice. <i>Journal of Antimicrobial Chemotherapy</i> , 2004 , 53, 1054-61 | 5.1 | 332 |
| 19 | Attenuation of Pseudomonas aeruginosa virulence by quorum sensing inhibitors. <i>EMBO Journal</i> , 2003 , 22, 3803-15 | 13 | 1019 |
| 18 | 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> , 2003 , 149, 37-46 | 2.9 | 101 |
| 17 | Halogenated furanones inhibit quorum sensing through accelerated LuxR turnover. <i>Microbiology (United Kingdom)</i> , 2002 , 148, 1119-1127 | 2.9 | 471 |
| 16 | Inhibition of quorum sensing in Pseudomonas aeruginosa biofilm bacteria by a halogenated furanone compound. <i>Microbiology (United Kingdom)</i> , 2002 , 148, 87-102 | 2.9 | 785 |
| 15 | 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> , 2002 , 68, 4509-16 | 4.8 | 81 |
| 14 | Genetic and chemical tools for investigating signaling processes in biofilms. <i>Methods in Enzymology</i> , 2001 , 336, 108-28 | 1.7 | 5 |

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|----|--|-----|-----|
| 13 | gfp-based N-acyl homoserine-lactone sensor systems for detection of bacterial communication. <i>Applied and Environmental Microbiology</i> , 2001 , 67, 575-85 | 4.8 | 285 |
| 12 | 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 Pt 12, 3237-3244 | 2.9 | 204 |
| 11 | Detection of N-acylhomoserine lactones in lung tissues of mice infected with <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2000 , 146 (Pt 10), 2481-2493 | 2.9 | 141 |
| 10 | Development and dynamics of <i>Pseudomonas</i> sp. biofilms. <i>Journal of Bacteriology</i> , 2000 , 182, 6482-9 | 3.5 | 261 |
| 9 | Distribution of bacterial growth activity in flow-chamber biofilms. <i>Applied and Environmental Microbiology</i> , 1999 , 65, 4108-17 | 4.8 | 238 |
| 8 | Molecular tools for study of biofilm physiology. <i>Methods in Enzymology</i> , 1999 , 310, 20-42 | 1.7 | 222 |
| 7 | In situ detection of gene transfer in a model biofilm engaged in degradation of benzyl alcohol. <i>Apmis</i> , 1998 , 84, 25-8 | 3.4 | 6 |
| 6 | In situ gene expression in mixed-culture biofilms: evidence of metabolic interactions between community members. <i>Applied and Environmental Microbiology</i> , 1998 , 64, 721-32 | 4.8 | 269 |
| 5 | New unstable variants of green fluorescent protein for studies of transient gene expression in bacteria. <i>Applied and Environmental Microbiology</i> , 1998 , 64, 2240-6 | 4.8 | 738 |
| 4 | Establishment of new genetic traits in a microbial biofilm community. <i>Applied and Environmental Microbiology</i> , 1998 , 64, 2247-55 | 4.8 | 255 |
| 3 | <i>Bacillus subtilis</i> 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, 957-66 | 4.1 | 108 |
| 2 | Ventilatory strategy in catastrophic lung disease. Inversed ratio ventilation (IRV) and combined high frequency ventilation (CHFV). <i>Acta Anaesthesiologica Scandinavica</i> , 1989 , 90, 145-8 | 1.9 | 21 |
| 1 | <i>Serratia liquefaciens</i> swarm cells exhibit enhanced resistance to predation by <i>Tetrahymena</i> sp. | | 1 |