# Jens Bo Andersen

List of Publications by Year
in descending order

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|---|---|---|---|
| 50<br>papers | 8,106<br>citations | 159585<br>30<br>h-index | 197818<br>49<br>g-index |
| 50<br>all docs | 50<br>docs citations | 50<br>times ranked | 7228<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Attenuation of Pseudomonas aeruginosa virulence by quorum sensing inhibitors. EMBO Journal, 2003, 22, 3803-3815. | 7.8 | 1,205 |
| 2 | Inhibition of quorum sensing in Pseudomonas aeruginosa biofilm bacteria by a halogenated furanone compound. Microbiology (United Kingdom), 2002, 148, 87-102. | 1.8 | 919 |
| 3 | New Unstable Variants of Green Fluorescent Protein for Studies of Transient Gene Expression in Bacteria. Applied and Environmental Microbiology, 1998, 64, 2240-2246. | 3.1 | 883 |
| 4 | Halogenated furanones inhibit quorum sensing through accelerated LuxR turnover. Microbiology (United Kingdom), 2002, 148, 1119-1127. | 1.8 | 526 |
| 5 | Identity and effects of quorum-sensing inhibitors produced by Penicillium species. Microbiology (United Kingdom), 2005, 151, 1325-1340. | 1.8 | 425 |
| 6 | Synthetic furanones inhibit quorum-sensing and enhance bacterial clearance in Pseudomonas aeruginosa lung infection in mice. Journal of Antimicrobial Chemotherapy, 2004, 53, 1054-1061. | 3.0 | 383 |
| 7 | gfp -Based N -Acyl Homoserine-Lactone Sensor Systems for Detection of Bacterial Communication. Applied and Environmental Microbiology, 2001, 67, 575-585. | 3.1 | 312 |
| 8 | In Situ Gene Expression in Mixed-Culture Biofilms: Evidence of Metabolic Interactions between Community Members. Applied and Environmental Microbiology, 1998, 64, 721-732. | 3.1 | 307 |
| 9 | Development and Dynamics of Pseudomonassp. Biofilms. Journal of Bacteriology, 2000, 182, 6482-6489. | 2.2 | 288 |
| 10 | Establishment of New Genetic Traits in a Microbial Biofilm Community. Applied and Environmental Microbiology, 1998, 64, 2247-2255. | 3.1 | 284 |
| 11 | Distribution of Bacterial Growth Activity in Flow-Chamber Biofilms. Applied and Environmental Microbiology, 1999, 65, 4108-4117. | 3.1 | 267 |
| 12 | [2] Molecular tools for study of biofilm physiology. Methods in Enzymology, 1999, 310, 20-42. | 1.0 | 246 |
| 13 | How Delisea pulchra furanones affect quorum sensing and swarming motility in Serratia liquefaciens MG1. Microbiology (United Kingdom), 2000, 146, 3237-3244. | 1.8 | 234 |
| 14 | Dynamics and Spatial Distribution of Î²-Lactamase Expression in Pseudomonas aeruginosa Biofilms. Antimicrobial Agents and Chemotherapy, 2004, 48, 1168-1174. | 3.2 | 165 |
| 15 | Detection of N-acylhomoserine lactones in lung tissues of mice infected with Pseudomonas aeruginosa. Microbiology (United Kingdom), 2000, 146, 2481-2493. | 1.8 | 156 |
| 16 | Heterogeneity of Biofilms Formed by NonmucoidPseudomonas aeruginosaIsolates from Patients with Cystic Fibrosis. Journal of Clinical Microbiology, 2005, 43, 5247-5255. | 3.9 | 142 |
| 17 | NonmucoidPseudomonas aeruginosaExpresses Alginate in the Lungs of Patients with Cystic Fibrosis and in a Mouse Model. Journal of Infectious Diseases, 2005, 192, 410-419. | 4.0 | 128 |
| 18 | Surface motility in Pseudomonas sp. DSS73 is required for efficient biological containment of the root-pathogenic microfungi Rhizoctonia solani and Pythium ultimum. Microbiology (United Kingdom), 2003, 149, 37-46. | 1.8 | 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. Molecular Microbiology, 1993, 8, 957-966. | 2.5 | 119 |
| 20 | Involvement of Bacterial Quorum-Sensing Signals in Spoilage of Bean Sprouts. Applied and Environmental Microbiology, 2005, 71, 3321-3330. | 3.1 | 98 |
| 21 | Lipopeptide Production in Pseudomonas sp. Strain DSS73 Is Regulated by Components of Sugar Beet Seed Exudate via the Gac Two-Component Regulatory System. Applied and Environmental Microbiology, 2002, 68, 4509-4516. | 3.1 | 89 |
| 22 | Introducing GUt Low-Density Array (GULDA) - a validated approach for qPCR-based intestinal microbial community analysis. FEMS Microbiology Letters, 2012, 337, 38-47. | 1.8 | 76 |
| 23 | C-di-GMP regulates Pseudomonas aeruginosa stress response to tellurite during both planktonic and biofilm modes of growth. Scientific Reports, 2015, 5, 10052. | 3.3 | 72 |
| 24 | Small Molecule Anti-biofilm Agents Developed on the Basis of Mechanistic Understanding of Biofilm Formation. Frontiers in Chemistry, 2019, 7, 742. | 3.6 | 70 |
| 25 | Some putative prebiotics increase the severity of Salmonella entericaserovar Typhimurium infection in mice. BMC Microbiology, 2009, 9, 245. | 3.3 | 61 |
| 26 | A broad range quorum sensing inhibitor working through sRNA inhibition. Scientific Reports, 2017, 7, 9857. | 3.3 | 60 |
| 27 | Oxygen restriction increases the infective potential of Listeria monocytogenes in vitro in Caco-2 cells and in vivo in guinea pigs. BMC Microbiology, 2007, 7, 55. | 3.3 | 55 |
| 28 | Construction of a multiple fluorescence labelling system for use in co-invasion studies of Listeria monocytogenes. BMC Microbiology, 2006, 6, 86. | 3.3 | 38 |
| 29 | Identification of small molecules that interfere with c-di-GMP signaling and induce dispersal of Pseudomonas aeruginosa biofilms. Npj Biofilms and Microbiomes, 2021, 7, 59. | 6.4 | 37 |
| 30 | Analysis of the intestinal microbiota of oligosaccharide fed mice exhibiting reduced resistance to Salmonella infection. Beneficial Microbes, 2010, 1, 271-281. | 2.4 | 32 |
| 31 | Xylo-oligosaccharides inhibit pathogen adhesion to enterocytes inÂvitro. Research in Microbiology, 2012, 163, 22-27. | 2.1 | 31 |
| 32 | Real-Time Monitoring of nfxB Mutant Occurrence and Dynamics in Pseudomonas aeruginosa Biofilm Exposed to Subinhibitory Concentrations of Ciprofloxacin. Antimicrobial Agents and Chemotherapy, 2017, 61, . | 3.2 | 29 |
| 33 | Well-known quorum sensing inhibitors do not affect bacterial quorum sensing-regulated bean sprout spoilage. Journal of Applied Microbiology, 2007, 102, 826-837. | 3.1 | 27 |
| 34 | High levels of cAMP inhibit Pseudomonas aeruginosa biofilm formation through reduction of the c-di-GMP content. Microbiology (United Kingdom), 2019, 165, 324-333. | 1.8 | 27 |
| 35 | Induction of Native c-di-GMP Phosphodiesterases Leads to Dispersal of Pseudomonas aeruginosa Biofilms. Antimicrobial Agents and Chemotherapy, 2021, 65, . | 3.2 | 25 |
| 36 | Ventilatory strategy in catastrophic lung disease. Inversed ratio ventilation (IRV) and combined high frequency ventilation (CHFV). Acta Anaesthesiologica Scandinavica, 1989, 33, 145-148. | 1.6 | 24 |

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|---|---|---|---|
| 37 | The ubiquitin C-terminal hydrolase UCH-L1 promotes bacterial invasion by altering the dynamics of the actin cytoskeleton. Cellular Microbiology, 2010, 12, 1622-1633. | 2.1 | 24 |
| 38 | Comparison of threeListeria monocytogenesstrains in a guinea-pig model simulating food-borne exposure. FEMS Microbiology Letters, 2009, 291, 88-94. | 1.8 | 22 |
| 39 | Thioredoxin 80-Activated-Monocytes (TAMs) Inhibit the Replication of Intracellular Pathogens. PLoS ONE, 2011, 6, e16960. | 2.5 | 18 |
| 40 | The anti-cancerous drug doxorubicin decreases the c-di-GMP content in Pseudomonas aeruginosa but promotes biofilm formation. Microbiology (United Kingdom), 2016, 162, 1797-1807. | 1.8 | 17 |
| 41 | A GPCR-based yeast biosensor for biomedical, biotechnological, and point-of-use cannabinoid determination. Nature Communications, 2022, 13, . | 12.8 | 17 |
| 42 | In Situ Detection of Gene Transfer in a Model Biofilm Engaged in Degradation of Benzyl Alcohol. Apmis, 1998, 106, 25-28. | 2.0 | 8 |
| 43 | [12] Genetic and chemical tools for investigating signaling processes in biofilms. Methods in Enzymology, 2001, 336, 108-IN4. | 1.0 | 8 |
| 44 | Quantification of specific E. coli in gut mucosa from Crohn's disease patients. Journal of Microbiological Methods, 2011, 86, 111-114. | 1.6 | 8 |
| 45 | Transcription of the Alginate Operon in Pseudomonas aeruginosa Is Regulated by c-di-GMP. Microbiology Spectrum, 2022, 10, . | 3.0 | 8 |
| 46 | Effect of the vitamin B12-binding protein haptocorrin present in human milk on a panel of commensal and pathogenic bacteria. BMC Research Notes, 2011, 4, 208. | 1.4 | 4 |
| 47 | SAR study of 4-arylazo-3,5-diamino-1H-pyrazoles: identification of small molecules that induce dispersal of Pseudomonas aeruginosa biofilms. RSC Medicinal Chemistry, 2021, 12, 1868-1878. | 3.9 | 4 |
| 48 | Redox Protein OsaR (PA0056) Regulates dsbM and the Oxidative Stress Response in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2021, 65, . | 3.2 | 3 |
| 49 | Serratia liquefaciens swarm cells exhibit enhanced resistance to predation by Tetrahymena sp.. FEMS Microbiology Letters, 1998, 164, 69-75. | 1.8 | 1 |
| 50 | High-Throughput Screening for Compounds that Modulate the Cellular c-di-GMP Level in Bacteria. Methods in Molecular Biology, 2017, 1657, 455-470. | 0.9 | 0 |