

Jens Bo Andersen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8004339/publications.pdf>

Version: 2024-02-01

50
papers

8,106
citations

159585

30
h-index

197818

49
g-index

50
all docs

50
docs citations

50
times ranked

7228
citing authors

#	ARTICLE	IF	CITATIONS
1	A GPCR-based yeast biosensor for biomedical, biotechnological, and point-of-use cannabinoid determination. <i>Nature Communications</i> , 2022, 13, .	12.8	17
2	Transcription of the Alginate Operon in <i>Pseudomonas aeruginosa</i> Is Regulated by c-di-GMP. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	8
3	SAR study of 4-arylazo-3,5-diamino-1 <i>H</i> -pyrazoles: identification of small molecules that induce dispersal of <i>Pseudomonas aeruginosa</i> biofilms. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1868-1878.	3.9	4
4	Redox Protein OsaR (PA0056) Regulates dsbM and the Oxidative Stress Response in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	3
5	Induction of Native c-di-GMP Phosphodiesterases Leads to Dispersal of <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	25
6	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.	6.4	37
7	Small Molecule Anti-biofilm Agents Developed on the Basis of Mechanistic Understanding of Biofilm Formation. <i>Frontiers in Chemistry</i> , 2019, 7, 742.	3.6	70
8	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.	1.8	27
9	Real-Time Monitoring of <i>Δ</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, .	3.2	29
10	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.	0.9	0
11	A broad range quorum sensing inhibitor working through sRNA inhibition. <i>Scientific Reports</i> , 2017, 7, 9857.	3.3	60
12	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.	1.8	17
13	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.	3.3	72
14	Xylo-oligosaccharides inhibit pathogen adhesion to enterocytes in vitro. <i>Research in Microbiology</i> , 2012, 163, 22-27.	2.1	31
15	Introducing GLUt Low-Density Array (GULDA) - a validated approach for qPCR-based intestinal microbial community analysis. <i>FEMS Microbiology Letters</i> , 2012, 337, 38-47.	1.8	76
16	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.	1.4	4
17	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.	1.6	8
18	Thioredoxin 80-Activated-Monocytes (TAMs) Inhibit the Replication of Intracellular Pathogens. <i>PLoS ONE</i> , 2011, 6, e16960.	2.5	18

#	ARTICLE	IF	CITATIONS
19	Analysis of the intestinal microbiota of oligosaccharide fed mice exhibiting reduced resistance to Salmonella infection. <i>Beneficial Microbes</i> , 2010, 1, 271-281.	2.4	32
20	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.	2.1	24
21	Some putative prebiotics increase the severity of Salmonella entericaserovar Typhimurium infection in mice. <i>BMC Microbiology</i> , 2009, 9, 245.	3.3	61
22	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.	1.8	22
23	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.	3.1	27
24	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.	3.3	55
25	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.	3.3	38
26	Involvement of Bacterial Quorum-Sensing Signals in Spoilage of Bean Sprouts. <i>Applied and Environmental Microbiology</i> , 2005, 71, 3321-3330.	3.1	98
27	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> , 2005, 192, 410-419.	4.0	128
28	Identity and effects of quorum-sensing inhibitors produced by <i>Penicillium</i> species. <i>Microbiology (United Kingdom)</i> , 2005, 151, 1325-1340.	1.8	425
29	Heterogeneity of Biofilms Formed by Nonmucoid <i>Pseudomonas aeruginosa</i> Isolates from Patients with Cystic Fibrosis. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5247-5255.	3.9	142
30	Dynamics and Spatial Distribution of β -Lactamase Expression in <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 1168-1174.	3.2	165
31	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.	3.0	383
32	Attenuation of <i>Pseudomonas aeruginosa</i> virulence by quorum sensing inhibitors. <i>EMBO Journal</i> , 2003, 22, 3803-3815.	7.8	1,205
33	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.	1.8	124
34	Halogenated furanones inhibit quorum sensing through accelerated LuxR turnover. <i>Microbiology (United Kingdom)</i> , 2002, 148, 1119-1127.	1.8	526
35	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.	1.8	919
36	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.	3.1	89

#	ARTICLE	IF	CITATIONS
37	[12] Genetic and chemical tools for investigating signaling processes in biofilms. <i>Methods in Enzymology</i> , 2001, 336, 108-124.	1.0	8
38	gfp -Based N -Acyl Homoserine-Lactone Sensor Systems for Detection of Bacterial Communication. <i>Applied and Environmental Microbiology</i> , 2001, 67, 575-585.	3.1	312
39	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.	1.8	234
40	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.	1.8	156
41	Development and Dynamics of <i>Pseudomonas</i> sp. Biofilms. <i>Journal of Bacteriology</i> , 2000, 182, 6482-6489.	2.2	288
42	Distribution of Bacterial Growth Activity in Flow-Chamber Biofilms. <i>Applied and Environmental Microbiology</i> , 1999, 65, 4108-4117.	3.1	267
43	[2] Molecular tools for study of biofilm physiology. <i>Methods in Enzymology</i> , 1999, 310, 20-42.	1.0	246
44	<i>In Situ</i> Detection of Gene Transfer in a Model Biofilm Engaged in Degradation of Benzyl Alcohol. <i>Apms</i> , 1998, 106, 25-28.	2.0	8
45	<i>In Situ</i> Gene Expression in Mixed-Culture Biofilms: Evidence of Metabolic Interactions between Community Members. <i>Applied and Environmental Microbiology</i> , 1998, 64, 721-732.	3.1	307
46	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.	3.1	883
47	Establishment of New Genetic Traits in a Microbial Biofilm Community. <i>Applied and Environmental Microbiology</i> , 1998, 64, 2247-2255.	3.1	284
48	<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.	1.8	1
49	<i>Bacillus subtilis</i> PrsA is required <i>in vivo</i> as an extracytoplasmic chaperone for secretion of active enzymes synthesized either with or without pro-sequences. <i>Molecular Microbiology</i> , 1993, 8, 957-966.	2.5	119
50	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.	1.6	24