

Tim Holm Jakobsen

List of Publications by Year in descending order

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34
papers

2,276
citations

331538

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395590

33
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all docs

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docs citations

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times ranked

2944
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid-phase synthesis and biological evaluation of piperazine-based novel bacterial topoisomerase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 57, 128499.	1.0	1
2	Biofilm Survival Strategies in Chronic Wounds. <i>Microorganisms</i> , 2022, 10, 775.	1.6	20
3	The structure–function relationship of <i>Pseudomonas aeruginosa</i> in infections and its influence on the microenvironment. <i>FEMS Microbiology Reviews</i> , 2022, 46, .	3.9	19
4	SAR study of 4-aryloxy-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.	1.7	4
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, .	1.4	25
6	Sampling challenges in diagnosis of chronic bacterial infections. <i>Journal of Medical Microbiology</i> , 2021, 70, .	0.7	8
7	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
8	Nitric-oxide-driven oxygen release in anoxic <i>Pseudomonas aeruginosa</i> . <i>IScience</i> , 2021, 24, 103404.	1.9	12
9	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
10	Oxidative stress response plays a role in antibiotic tolerance of <i>Streptococcus mutans</i> biofilms. <i>Microbiology (United Kingdom)</i> , 2019, 165, 334-342.	0.7	30
11	Imaging N-Acyl Homoserine Lactone Quorum Sensing In Vivo. <i>Methods in Molecular Biology</i> , 2018, 1673, 203-212.	0.4	3
12	Qualitative and Quantitative Determination of Quorum Sensing Inhibition In Vitro. <i>Methods in Molecular Biology</i> , 2018, 1673, 275-285.	0.4	3
13	Implants induce a new niche for microbiomes. <i>Apmis</i> , 2018, 126, 685-692.	0.9	28
14	<i>Pseudomonas aeruginosa</i> Aggregate Formation in an Alginate Bead Model System Exhibits <i>In Vivo</i> -Like Characteristics. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	109
15	Disulfide Bond-Containing Ajoene Analogues As Novel Quorum Sensing Inhibitors of <i>Pseudomonas aeruginosa</i> . <i>Journal of Medicinal Chemistry</i> , 2017, 60, 215-227.	2.9	98
16	Metagenomic and metatranscriptomic analysis of saliva reveals disease-associated microbiota in patients with periodontitis and dental caries. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 23.	2.9	109
17	Fusaric acid and analogues as Gram-negative bacterial quorum sensing inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 1011-1020.	2.6	53
18	Bacterial Biofilm Control by Perturbation of Bacterial Signaling Processes. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1970.	1.8	52

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19	A broad range quorum sensing inhibitor working through sRNA inhibition. Scientific Reports, 2017, 7, 9857.	1.6	60
20	Triazole-containing N-acyl homoserine lactones targeting the quorum sensing system in <i>Pseudomonas aeruginosa</i> . Bioorganic and Medicinal Chemistry, 2015, 23, 1638-1650.	1.4	33
21	Solid-Phase Synthesis and Biological Evaluation of N-Dipeptido-L-Homoserine Lactones as Quorum Sensing Activators. ChemBioChem, 2014, 15, 460-465.	1.3	6
22	Comparative Systems Biology Analysis To Study the Mode of Action of the Isothiocyanate Compound Iberin on <i>Pseudomonas aeruginosa</i> . Antimicrobial Agents and Chemotherapy, 2014, 58, 6648-6659.	1.4	43
23	Targeting quorum sensing in <i>Pseudomonas aeruginosa</i> biofilms: current and emerging inhibitors. Future Microbiology, 2013, 8, 901-921.	1.0	92
24	Identification of LasR Ligands through a Virtual Screening Approach. ChemMedChem, 2013, 8, 157-163.	1.6	20
25	Complete Genome Sequence of the Cystic Fibrosis Pathogen <i>Achromobacter xylosoxidans</i> NH44784-1996 Complies with Important Pathogenic Phenotypes. PLoS ONE, 2013, 8, e68484.	1.1	85
26	Food as a Source for Quorum Sensing Inhibitors: Iberin from Horseradish Revealed as a Quorum Sensing Inhibitor of <i>Pseudomonas aeruginosa</i> . Applied and Environmental Microbiology, 2012, 78, 2410-2421.	1.4	180
27	Ajoene, a Sulfur-Rich Molecule from Garlic, Inhibits Genes Controlled by Quorum Sensing. Antimicrobial Agents and Chemotherapy, 2012, 56, 2314-2325.	1.4	383
28	Synergistic antibacterial efficacy of early combination treatment with tobramycin and quorum-sensing inhibitors against <i>Pseudomonas aeruginosa</i> in an intraperitoneal foreign-body infection mouse model. Journal of Antimicrobial Chemotherapy, 2012, 67, 1198-1206.	1.3	158
29	Qualitative and Quantitative Determination of Quorum Sensing Inhibition In Vitro. Methods in Molecular Biology, 2011, 692, 253-263.	0.4	11
30	Novel and Future Treatment Strategies. , 2011, , 231-249.		1
31	In vitro screens for quorum sensing inhibitors and in vivo confirmation of their effect. Nature Protocols, 2010, 5, 282-293.	5.5	72
32	Quorum Sensing Regulation in <i>Aeromonas hydrophila</i> . Journal of Molecular Biology, 2010, 396, 849-857.	2.0	35
33	Quorum Sensing and Virulence of <i>Pseudomonas aeruginosa</i> during Lung Infection of Cystic Fibrosis Patients. PLoS ONE, 2010, 5, e10115.	1.1	217
34	Computer-Aided Identification of Recognized Drugs as <i>Pseudomonas aeruginosa</i> Quorum-Sensing Inhibitors. Antimicrobial Agents and Chemotherapy, 2009, 53, 2432-2443.	1.4	199