

# Michael Givskov

## List of Publications by Year in descending order

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296  
papers

44,890  
citations

1368

108  
h-index

2116

203  
g-index

312  
all docs

312  
docs citations

312  
times ranked

29652  
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	Adaptation to an Amoeba Host Leads to <i>Pseudomonas aeruginosa</i> Isolates with Attenuated Virulence. <i>Applied and Environmental Microbiology</i> , 2022, 88, aem0232221.	1.4	13
3	A GPCR-based yeast biosensor for biomedical, biotechnological, and point-of-use cannabinoid determination. <i>Nature Communications</i> , 2022, 13, .	5.8	17
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	Bacterial genotoxins induce T cell senescence. <i>Cell Reports</i> , 2021, 35, 109220.	2.9	20
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	Disruption of the <i>Pseudomonas aeruginosa</i> Tat system perturbs PQS-dependent quorum sensing and biofilm maturation through lack of the Rieske cytochrome bc1 sub-unit. <i>PLoS Pathogens</i> , 2021, 17, e1009425.	2.1	8
9	Carbon starvation of <i>Pseudomonas aeruginosa</i> biofilms selects for dispersal insensitive mutants. <i>BMC Microbiology</i> , 2021, 21, 255.	1.3	7
10	Transcriptional Activity of Predominant Streptococcus Species at Multiple Oral Sites Associate With Periodontal Status. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 752664.	1.8	7
11	Periodontitis associates with species-specific gene expression of the oral microbiota. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 76.	2.9	18
12	Early IL-2 treatment of mice with <i>Pseudomonas aeruginosa</i> pneumonia induced PMN-dominating response and reduced lung pathology. <i>Apmis</i> , 2020, 128, 647-653.	0.9	2
13	Antibiotics inhibit tumor and disease activity in cutaneous T-cell lymphoma. <i>Blood</i> , 2019, 134, 1072-1083.	0.6	94
14	Visualizing biofilm by targeting eDNA with long wavelength probe CDr15. <i>Biomaterials Science</i> , 2019, 7, 3594-3598.	2.6	13
15	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
16	Reactivity and Synthetic Applications of Multicomponent Petasis Reactions. <i>Chemical Reviews</i> , 2019, 119, 11245-11290.	23.0	173
17	Inactivation of the pgmA Gene in <i>Streptococcus mutans</i> Significantly Decreases Biofilm-Associated Antimicrobial Tolerance. <i>Microorganisms</i> , 2019, 7, 310.	1.6	4
18	Transposon Mutagenesis in <i>Streptococcus</i> Species. <i>Methods in Molecular Biology</i> , 2019, 2016, 39-49.	0.4	2

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19	Increased Intracellular Cyclic di-AMP Levels Sensitize <i>Streptococcus gallolyticus</i> subsp. <i>gallolyticus</i> to Osmotic Stress and Reduce Biofilm Formation and Adherence on Intestinal Cells. <i>Journal of Bacteriology</i> , 2019, 201, .	1.0	29
20	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.	0.7	27
21	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
22	Combination Therapy Strategy of Quorum Quenching Enzyme and Quorum Sensing Inhibitor in Suppressing Multiple Quorum Sensing Pathways of <i>P. aeruginosa</i> . <i>Scientific Reports</i> , 2018, 8, 1155.	1.6	60
23	Imaging N-Acyl Homoserine Lactone Quorum Sensing In Vivo. <i>Methods in Molecular Biology</i> , 2018, 1673, 203-212.	0.4	3
24	Qualitative and Quantitative Determination of Quorum Sensing Inhibition In Vitro. <i>Methods in Molecular Biology</i> , 2018, 1673, 275-285.	0.4	3
25	Matrix Polysaccharides and SiaD Diguanylate Cyclase Alter Community Structure and Competitiveness of <i>Pseudomonas aeruginosa</i> during Dual-Species Biofilm Development with <i>Staphylococcus aureus</i> . <i>MBio</i> , 2018, 9, .	1.8	27
26	Repurposing the anticancer drug cisplatin with the aim of developing novel <i>Pseudomonas aeruginosa</i> infection control agents. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 3059-3069.	1.3	25
27	Interleukin-26 (IL-26) is a novel anti-microbial peptide produced by T cells in response to staphylococcal enterotoxin. <i>Oncotarget</i> , 2018, 9, 19481-19489.	0.8	15
28	CDy14: a novel biofilm probe targeting exopolysaccharide Psl. <i>Chemical Communications</i> , 2018, 54, 11865-11868.	2.2	11
29	The Bacterial Toxin CNF1 Induces Activation and Maturation of Human Monocyte-Derived Dendritic Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1408.	1.8	9
30	Characterization of a novel multidrug resistance plasmid pSGB23 isolated from <i>Salmonella enterica</i> subspecies <i>enterica</i> serovar Saintpaul. <i>Gut Pathogens</i> , 2018, 10, 20.	1.6	6
31	Acquisition of resistance to carbapenem and macrolide-mediated quorum sensing inhibition by <i>Pseudomonas aeruginosa</i> via ICETn43716385. <i>Communications Biology</i> , 2018, 1, 57.	2.0	29
32	Key Players and Individualists of Cyclic-di-GMP Signaling in <i>Burkholderia cenocepacia</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 3286.	1.5	21
33	Itaconimides as Novel Quorum Sensing Inhibitors of <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 443.	1.8	43
34	Regulation of <i>Burkholderia cenocepacia</i> biofilm formation by RpoN and the c-di-GMP effector BerB. <i>MicrobiologyOpen</i> , 2017, 6, e00480.	1.2	26
35	In Vitro and In Vivo Efficacy of an LpxC Inhibitor, CHIR-090, Alone or Combined with Colistin against <i>Pseudomonas aeruginosa</i> Biofilm. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	12
36	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

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37	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
38	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.	0.4	0
39	Gauging and Visualizing c-di-GMP Levels in <i>Pseudomonas aeruginosa</i> Using Fluorescence-Based Biosensors. <i>Methods in Molecular Biology</i> , 2017, 1657, 87-98.	0.4	13
40	In Vitro Evaluation of Biofilm Dispersal as a Therapeutic Strategy To Restore Antimicrobial Efficacy. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	18
41	A Linker for the Solid-Phase Synthesis of Hydroxamic Acids and Identification of HDAC6 Inhibitors. <i>ACS Combinatorial Science</i> , 2017, 19, 657-669.	3.8	6
42	Discovery of novel antimycobacterial drug therapy in biofilm of pathogenic nontuberculous mycobacterial keratitis. <i>Ocular Surface</i> , 2017, 15, 770-783.	2.2	17
43	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
44	Bacterial Biofilm Control by Perturbation of Bacterial Signaling Processes. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1970.	1.8	52
45	Reduced Intracellular c-di-GMP Content Increases Expression of Quorum Sensing-Regulated Genes in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 451.	1.8	61
46	Cholesterol crystals enhance TLR2- and TLR4-mediated pro-inflammatory cytokine responses of monocytes to the proatherogenic oral bacterium <i>Porphyromonas gingivalis</i> . <i>PLoS ONE</i> , 2017, 12, e0172773.	1.1	23
47	A broad range quorum sensing inhibitor working through sRNA inhibition. <i>Scientific Reports</i> , 2017, 7, 9857.	1.6	60
48	<i>Pseudomonas aeruginosa</i> Microcolonies in Coronary Thrombi from Patients with ST-Segment Elevation Myocardial Infarction. <i>PLoS ONE</i> , 2016, 11, e0168771.	1.1	11
49	The <i>dlt</i> genes play a role in antimicrobial tolerance of <i>Streptococcus mutans</i> biofilms. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 298-304.	1.1	45
50	Reactive oxygen species drive evolution of pro-biofilm variants in pathogens by modulating cyclic-di-GMP levels. <i>Open Biology</i> , 2016, 6, 160162.	1.5	62
51	Selective labelling and eradication of antibiotic-tolerant bacterial populations in <i>Pseudomonas aeruginosa</i> biofilms. <i>Nature Communications</i> , 2016, 7, 10750.	5.8	137
52	Biofilms of Pathogenic Nontuberculous Mycobacteria Targeted by New Therapeutic Approaches. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 24-35.	1.4	53
53	Detection of Pathogenic Biofilms with Bacterial Amyloid Targeting Fluorescent Probe, CDy11. <i>Journal of the American Chemical Society</i> , 2016, 138, 402-407.	6.6	82
54	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.	0.7	17

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55	The LapG protein plays a role in <i>Pseudomonas aeruginosa</i> biofilm formation by controlling the presence of the CdrA adhesin on the cell surface. <i>MicrobiologyOpen</i> , 2015, 4, 917-930.	1.2	63
56	Chemical Biology Strategies for Biofilm Control. <i>Microbiology Spectrum</i> , 2015, 3, .	1.2	14
57	Spatially extensive microbial biogeography of the Indian Ocean provides insights into the unique community structure of a pristine coral atoll. <i>Scientific Reports</i> , 2015, 5, 15383.	1.6	28
58	In silico analyses of metagenomes from human atherosclerotic plaque samples. <i>Microbiome</i> , 2015, 3, 38.	4.9	87
59	The bactericidal activity of $\beta$ -lactam antibiotics is increased by metabolizable sugar species. <i>Microbiology (United Kingdom)</i> , 2015, 161, 1999-2007.	0.7	12
60	RpoN Regulates Virulence Factors of <i>Pseudomonas aeruginosa</i> via Modulating the PqsR Quorum Sensing Regulator. <i>International Journal of Molecular Sciences</i> , 2015, 16, 28311-28319.	1.8	44
61	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.	1.6	72
62	Complete Genome Sequence and Transcriptomic Analysis of the Novel Pathogen <i>Elizabethkingia anophelis</i> in Response to Oxidative Stress. <i>Genome Biology and Evolution</i> , 2015, 7, 1676-1685.	1.1	34
63	Triazole-containing N-acyl homoserine lactones targeting the quorum sensing system in <i>Pseudomonas aeruginosa</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1638-1650.	1.4	33
64	Autofluorescence in samples obtained from chronic biofilm infections “all that glitters is not gold”. <i>Pathogens and Disease</i> , 2015, 73, .	0.8	13
65	Combining the Petasis 3-Component Reaction with Multiple Modes of Cyclization: A Build/Couple/Pair Strategy for the Synthesis of Densely Functionalized Small Molecules. <i>ACS Combinatorial Science</i> , 2015, 17, 19-23.	3.8	15
66	Functional Amyloids Keep Quorum-sensing Molecules in Check. <i>Journal of Biological Chemistry</i> , 2015, 290, 6457-6469.	1.6	70
67	In vitro and in vivo generation and characterization of <i>Pseudomonas aeruginosa</i> biofilm “dispersed cells via c-di-GMP manipulation. <i>Nature Protocols</i> , 2015, 10, 1165-1180.	5.5	63
68	Cranberry ( <i>Vaccinium macrocarpon</i> ) oligosaccharides decrease biofilm formation by uropathogenic <i>Escherichia coli</i> . <i>Journal of Functional Foods</i> , 2015, 17, 235-242.	1.6	58
69	Synthesis of Substituted $\beta$ - and $\gamma$ -Lactams through Mannich-Type Reactions of Solid-Supported <i>N</i> -Acyliminium Ions. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3524-3530.	1.2	6
70	Multiple diguanylate cyclase-coordinated regulation of pyoverdine synthesis in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology Reports</i> , 2015, 7, 498-507.	1.0	47
71	In-Frame and Unmarked Gene Deletions in <i>Burkholderia cenocepacia</i> via an Allelic Exchange System Compatible with Gateway Technology. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3623-3630.	1.4	22
72	The Cyclic AMP-Vfr Signaling Pathway in <i>Pseudomonas aeruginosa</i> Is Inhibited by Cyclic Di-GMP. <i>Journal of Bacteriology</i> , 2015, 197, 2190-2200.	1.0	73

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73	<i>Pseudomonas aeruginosa</i> Biofilm Infections: Community Structure, Antimicrobial Tolerance and Immune Response. <i>Journal of Molecular Biology</i> , 2015, 427, 3628-3645.	2.0	200
74	Antibiofilm Properties of Acetic Acid. <i>Advances in Wound Care</i> , 2015, 4, 363-372.	2.6	118
75	Absence of Bacteria on Coronary Angioplasty Balloons from Unselected Patients: Results with Use of a High Sensitivity Polymerase Chain Reaction Assay. <i>PLoS ONE</i> , 2015, 10, e0145657.	1.1	3
76	The <i>Pseudomonas aeruginosa</i> Type III Translocon Is Required for Biofilm Formation at the Epithelial Barrier. <i>PLoS Pathogens</i> , 2014, 10, e1004479.	2.1	42
77	The Common Oceanographer: Crowdsourcing the Collection of Oceanographic Data. <i>PLoS Biology</i> , 2014, 12, e1001947.	2.6	41
78	Synthesis of 4-Halogenated 3-Fluoro-6-methoxyquinolines: Key Building Blocks for the Synthesis of Antibiotics. <i>Synthesis</i> , 2014, 46, 3263-3267.	1.2	2
79	Dispersed cells represent a distinct stage in the transition from bacterial biofilm to planktonic lifestyles. <i>Nature Communications</i> , 2014, 5, 4462.	5.8	294
80	Origin and Evolution of European Community-Acquired Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>MBio</i> , 2014, 5, e01044-14.	1.8	112
81	Bacteria-triggered Release of Antimicrobial Agents. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 439-441.	7.2	90
82	Bacterial biofilm formation and treatment in soft tissue fillers. <i>Pathogens and Disease</i> , 2014, 70, 339-346.	0.8	50
83	Emerging frontiers in detection and control of bacterial biofilms. <i>Current Opinion in Biotechnology</i> , 2014, 26, 1-6.	3.3	83
84	<i>Pseudomonas aeruginosa</i> Biofilms. <i>Advances in Applied Microbiology</i> , 2014, 86, 1-40.	1.3	160
85	Solid-phase Synthesis and Biological Evaluation of <i>N</i> -Dipeptidomimetic Homoserine Lactones as Quorum Sensing Activators. <i>ChemBioChem</i> , 2014, 15, 460-465.	1.3	6
86	A mariner transposon vector adapted for mutagenesis in oral streptococci. <i>MicrobiologyOpen</i> , 2014, 3, 333-340.	1.2	15
87	Comparative Systems Biology Analysis To Study the Mode of Action of the Isothiocyanate Compound Iberin on <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6648-6659.	1.4	43
88	Effects of Radix Ginseng on microbial infections: a narrative review. <i>Journal of Traditional Chinese Medicine = Chung I Tsa Chih Ying Wen Pan / Sponsored By All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine</i> , 2014, 34, 227-233.	0.4	11
89	Regulation of biofilm formation in <i>Pseudomonas</i> and <i>Burkholderia</i> species. <i>Environmental Microbiology</i> , 2014, 16, 1961-1981.	1.8	257
90	Population Dynamics of an <i>Acinetobacter baumannii</i> Clonal Complex during Colonization of Patients. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3200-3208.	1.8	29

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91	Comparative Genomic Analysis of Malaria Mosquito Vector-Associated Novel Pathogen <i>Elizabethkingia anophelis</i> . <i>Genome Biology and Evolution</i> , 2014, 6, 1158-1165.	1.1	52
92	PNA-Based Fluorescence In Situ Hybridization for Identification of Bacteria in Clinical Samples. <i>Methods in Molecular Biology</i> , 2014, 1211, 261-271.	0.4	18
93	Protoanemonin: a natural quorum sensing inhibitor that selectively activates iron starvation response. <i>Environmental Microbiology</i> , 2013, 15, 111-120.	1.8	39
94	Targeting quorum sensing in <i>Pseudomonas aeruginosa</i> biofilms: current and emerging inhibitors. <i>Future Microbiology</i> , 2013, 8, 901-921.	1.0	92
95	Applying insights from biofilm biology to drug development – can a new approach be developed?. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 791-808.	21.5	421
96	Synthesis and biological evaluation of triazole-containing N-acyl homoserine lactones as quorum sensing modulators. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 938-954.	1.5	57
97	The exopolysaccharide gene cluster <i>Bcam1330</i> is involved in <i>Burkholderia cenocepacia</i> biofilm formation, and its expression is regulated by <i>GMP</i> and <i>Bcam1349</i> . <i>MicrobiologyOpen</i> , 2013, 2, 105-122.	1.2	58
98	Identification of LasR Ligands through a Virtual Screening Approach. <i>ChemMedChem</i> , 2013, 8, 157-163.	1.6	20
99	First case of <i>E. anophelis</i> outbreak in an intensive-care unit. <i>Lancet, The</i> , 2013, 382, 855-856.	6.3	78
100	Biofilm formation by <i>Staphylococcus epidermidis</i> on peritoneal dialysis catheters and the effects of extracellular products from <i>Pseudomonas aeruginosa</i> . <i>Pathogens and Disease</i> , 2013, 67, 192-198.	0.8	17
101	Extracellular DNA Shields against Aminoglycosides in <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2352-2361.	1.4	283
102	Comparative Genomic Analysis of Rapid Evolution of an Extreme-Drug-Resistant <i>Acinetobacter baumannii</i> Clone. <i>Genome Biology and Evolution</i> , 2013, 5, 807-818.	1.1	42
103	Clearance of <i>Pseudomonas aeruginosa</i> Foreign-Body Biofilm Infections through Reduction of the Cyclic Di-GMP Level in the Bacteria. <i>Infection and Immunity</i> , 2013, 81, 2705-2713.	1.0	81
104	Identification of Five Structurally Unrelated Quorum-Sensing Inhibitors of <i>Pseudomonas aeruginosa</i> from a Natural-Derivative Database. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5629-5641.	1.4	113
105	Comparative Transcriptomic Analysis of the <i>Burkholderia cepacia</i> Tyrosine Kinase <i>bceF</i> Mutant Reveals a Role in Tolerance to Stress, Biofilm Formation, and Virulence. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3009-3020.	1.4	45
106	Bis-(3'-5'-Cyclic Dimeric GMP Regulates Antimicrobial Peptide Resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2066-2075.	1.4	93
107	Expression of Fap amyloids in <i>Pseudomonas aeruginosa</i> , <i>Pseudomonas fluorescens</i> and <i>Pseudomonas putida</i> results in aggregation and increased biofilm formation. <i>MicrobiologyOpen</i> , 2013, 2, 365-382.	1.2	130
108	Identification of <i>Burkholderia cenocepacia</i> Strain H111 Virulence Factors Using Nonmammalian Infection Hosts. <i>Infection and Immunity</i> , 2013, 81, 143-153.	1.0	40

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109	Kinetic Model for Signal Binding to the Quorum Sensing Regulator LasR. International Journal of Molecular Sciences, 2013, 14, 13360-13376.	1.8	8
110	Engineering PQS Biosynthesis Pathway for Enhancement of Bioelectricity Production in Pseudomonas aeruginosa Microbial Fuel Cells. PLoS ONE, 2013, 8, e63129.	1.1	65
111	Complete Genome Sequence of the Cystic Fibrosis Pathogen Achromobacter xylosoxidans NH44784-1996 Complies with Important Pathogenic Phenotypes. PLoS ONE, 2013, 8, e68484.	1.1	85
112	Beyond nutrition: health-promoting foods by quorum-sensing inhibition. Future Microbiology, 2012, 7, 1025-1028.	1.0	22
113	Bursting the bubble on bacterial biofilms: a flow cell methodology. Biofouling, 2012, 28, 835-842.	0.8	92
114	Interactions between Polymorphonuclear Leukocytes and Pseudomonas aeruginosa Biofilms on Silicone Implants <i>in Vivo</i> . Infection and Immunity, 2012, 80, 2601-2607.	1.0	65
115	The catabolite repression control protein Crc plays a role in the development of antimicrobial-tolerant subpopulations in Pseudomonas aeruginosa biofilms. Microbiology (United Kingdom), 2012, 146, 1407-1414.	0.78	14
116	Solid-Phase Synthesis of Structurally Diverse Heterocycles by an Amide-Ketone Condensation/ N-Acyliminium Pictet-Spengler Sequence. Chemistry - A European Journal, 2012, 18, 16793-16800.	1.7	24
117	Food as a Source for Quorum Sensing Inhibitors: Iberin from Horseradish Revealed as a Quorum Sensing Inhibitor of Pseudomonas aeruginosa. Applied and Environmental Microbiology, 2012, 78, 2410-2421.	1.4	180
118	Fluorescence-Based Reporter for Gauging Cyclic Di-GMP Levels in Pseudomonas aeruginosa. Applied and Environmental Microbiology, 2012, 78, 5060-5069.	1.4	234
119	Ajoene, a Sulfur-Rich Molecule from Garlic, Inhibits Genes Controlled by Quorum Sensing. Antimicrobial Agents and Chemotherapy, 2012, 56, 2314-2325.	1.4	383
120	Synergistic antibacterial efficacy of early combination treatment with tobramycin and quorum-sensing inhibitors against Pseudomonas aeruginosa in an intraperitoneal foreign-body infection mouse model. Journal of Antimicrobial Chemotherapy, 2012, 67, 1198-1206.	1.3	158
121	Combating biofilms. FEMS Immunology and Medical Microbiology, 2012, 65, 146-157.	2.7	163
122	The microorganisms in chronically infected end-stage and non-end-stage cystic fibrosis patients. FEMS Immunology and Medical Microbiology, 2012, 65, 236-244.	2.7	61
123	The metabolically active subpopulation in Pseudomonas aeruginosa biofilms survives exposure to membrane-targeting antimicrobials via distinct molecular mechanisms. FEMS Immunology and Medical Microbiology, 2012, 65, 245-256.	2.7	54
124	Polysaccharides serve as scaffold of biofilms formed by mucoid Pseudomonas aeruginosa. FEMS Immunology and Medical Microbiology, 2012, 65, 366-376.	2.7	73
125	Combination of microscopic techniques reveals a comprehensive visual impression of biofilm structure and composition. FEMS Immunology and Medical Microbiology, 2012, 65, 335-342.	2.7	106
126	Qualitative and Quantitative Determination of Quorum Sensing Inhibition In Vitro. Methods in Molecular Biology, 2011, 692, 253-263.	0.4	11



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127	Phenotypes of Non-Attached <i>Pseudomonas aeruginosa</i> Aggregates Resemble Surface Attached Biofilm. PLoS ONE, 2011, 6, e27943.	1.1	245
128	Influence of putative exopolysaccharide genes on <i>Pseudomonas putida</i> KT2440 biofilm stability. Environmental Microbiology, 2011, 13, 1357-1369.	1.8	81
129	The CRP/FNR family protein Bcam1349 is a c-di-GMP effector that regulates biofilm formation in the respiratory pathogen <i>Burkholderia cenocepacia</i> . Molecular Microbiology, 2011, 82, 327-341.	1.2	125
130	Quantitative analysis of the cellular inflammatory response against biofilm bacteria in chronic wounds. Wound Repair and Regeneration, 2011, 19, 387-391.	1.5	126
131	Effects of ginseng on <i>Pseudomonas aeruginosa</i> motility and biofilm formation. FEMS Immunology and Medical Microbiology, 2011, 62, 49-56.	2.7	78
132	A convenient procedure for the solid-phase synthesis of hydroxamic acids on PEGA resins. Tetrahedron Letters, 2011, 52, 7121-7124.	0.7	13
133	Quorum sensing in <i>Aeromonas salmonicida</i> subsp. <i>achromogenes</i> and the effect of the autoinducer synthase <i>Asal</i> on bacterial virulence. Veterinary Microbiology, 2011, 147, 389-397.	0.8	37
134	The clinical impact of bacterial biofilms. International Journal of Oral Science, 2011, 3, 55-65.	3.6	663
135	The Implication of <i>Pseudomonas aeruginosa</i> Biofilms in Infections. Inflammation and Allergy: Drug Targets, 2011, 10, 141-157.	1.8	48
136	Interfering with Bacterial Gossip. Springer Series on Biofilms, 2011, , 163-188.	0.0	1
137	True Microbiota Involved in Chronic Lung Infection of Cystic Fibrosis Patients Found by Culturing and 16S rRNA Gene Analysis. Journal of Clinical Microbiology, 2011, 49, 4352-4355.	1.8	32
138	The contribution of cell-cell signaling and motility to bacterial biofilm formation. MRS Bulletin, 2011, 36, 367-373.	1.7	95
139	<i>Pseudomonas aeruginosa</i> Biofilms in the Lungs of Cystic Fibrosis Patients. , 2011, , 167-184.		3
140	Novel and Future Treatment Strategies. , 2011, , 231-249.		1
141	Imaging N-Acyl Homoserine Lactone Quorum Sensing In Vivo. Methods in Molecular Biology, 2011, 692, 147-157.	0.4	7
142	Garlic as an inhibitor of <i>Pseudomonas aeruginosa</i> quorum sensing in cystic fibrosis—a pilot randomized controlled trial. Pediatric Pulmonology, 2010, 45, 356-362.	1.0	116
143	The bacteriology of chronic venous leg ulcer examined by culture-independent molecular methods. Wound Repair and Regeneration, 2010, 18, 38-49.	1.5	124
144	The immune system vs. <i>Pseudomonas aeruginosa</i> biofilms. FEMS Immunology and Medical Microbiology, 2010, 59, 292-305.	2.7	201

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