Thomas Bjarnsholt

List of Publications by Year
in descending order

199 papers	21,845 citations	16791 66 h-index	11282 141 g-index
204 all docs	204 docs citations	204 times ranked	20585 citing authors

#	Article	IF	Citations
1	The importance of understanding the infectious microenvironment. Lancet Infectious Diseases, The, 2022, 22, e88-e92.	4.6	78
2	Bacterial biofilms predominate in both acute and chronic human lung infections. Thorax, 2022, 77, 1015-1022.	2.7	57
3	The gut microbiota can orchestrate the signaling pathways in colorectal cancer. Apmis, 2022, 130, 121-139.	0.9	12
4	Biofilm Survival Strategies in Chronic Wounds. Microorganisms, 2022, 10, 775.	1.6	20
5	Mucoid Pseudomonas aeruginosa Can Produce Calcium-Gelled Biofilms Independent of the Matrix Components Psl and CdrA. Journal of Bacteriology, 2022, 204, e0056821.	1.0	18
6	Injection site microflora in persons with diabetes: Why needle reuse is not associated with increased infections. Apmis, 2022, , .	0.9	1
7	The structureâ€“function relationship ofPseudomonas aeruginosain infections and its influence on the microenvironment. FEMS Microbiology Reviews, 2022, 46, .	3.9	19
8	Transcriptomic fingerprint of bacterial infection in lower extremity ulcers. Apmis, 2022, 130, 524-534.	0.9	8
9	A novel Borrelia-specific real-time PCR assay is not suitable for diagnosing Lyme neuroborreliosis. Ticks and Tick-borne Diseases, 2022, 13, 101971.	1.1	1
10	Prevalence of biofilms in acute infections challenges a longstanding paradigm. Biofilm, 2022, 4, 100080.	1.5	8
11	Current In Vitro Biofilm-Infected Chronic Wound Models for Developing New Treatment Possibilities. Advances in Wound Care, 2021, 10, 91-102.	2.6	46
12	The discovery of bacterial biofilm in patients with muscle invasive bladder cancer. Apmis, 2021, 129, 265-270.	0.9	10
13	Peptidoglycan-Binding Anchor Is a Pseudomonas aeruginosa OmpA Family Lipoprotein With Importance for Outer Membrane Vesicles, Biofilms, and the Periplasmic Shape. Frontiers in Microbiology, 2021, 12, 639582.	1.5	18
14	Sampling challenges in diagnosis of chronic bacterial infections. Journal of Medical Microbiology, 2021, 70, .	0.7	8
15	Catalase Protects Biofilm of Staphylococcus aureus against Daptomycin Activity. Antibiotics, 2021, 10, 511.	1.5	7
16	Biofilm Research in Bovine Mastitis. Frontiers in Veterinary Science, 2021, 8, 656810.	0.9	39
17	A novel chronic wound biofilm model sustaining coexistence of <scp>Pseudomonas aeruginosa</scp> and <scp>Staphylococcus aureus</scp> suitable for testing of antibiofilm effect of antimicrobial solutions and wound dressings. Wound Repair and Regeneration, 2021, 29, 820-829.	1.5	20
18	APMIS pandemic editorial. Apmis, 2021, 129, 319-319.	0.9	1

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19	Delayed neutrophil recruitment allows nascent Staphylococcus aureus biofilm formation and immune evasion. Biomaterials, 2021, 275, 120775.	5.7	24
20	The impact of mental models on the treatment and research of chronic infections due to biofilms. Apmis, 2021, 129, 598-606.	0.9	11
21	Measuring enzymatic degradation of degradable starch microspheres using confocal laser scanning microscopy. Acta Biomaterialia, 2021, 131, 464-471.	4.1	7
22	Dynamics of skin microbiota in shoulder surgery infections. Apmis, 2021, 129, 665-674.	0.9	4
23	Biofilm and Equine Limb Wounds. Animals, 2021, 11, 2825.	1.0	12
24	Biofilms can act as plasmid reserves in the absence of plasmid specific selection. Npj Biofilms and Microbiomes, 2021, 7, 78.	2.9	14
25	Nitric-oxide-driven oxygen release in anoxic Pseudomonas aeruginosa. IScience, 2021, 24, 103404.	1.9	12
26	Pathogenic CD8+ Epidermis-Resident Memory T Cells Displace Dendritic Epidermal T Cells in Allergic Dermatitis. Journal of Investigative Dermatology, 2020, 140, 806-815.e5.	0.3	28
27	The environmental occurrence of Pseudomonas aeruginosa. Apmis, 2020, 128, 220-231.	0.9	160
28	The future of biofilm research â€“ Report on the â€˜2019 Biofilm Bashâ€™. Biofilm, 2020, 2, 100012.	1.5	29
29	Minimum information guideline for spectrophotometric and fluorometric methods to assess biofilm formation in microplates. Biofilm, 2020, 2, 100010.	1.5	50
30	Predictive Metagenomic Analysis Reveals a Role of Cutaneous Dysbiosis in the Development of Hidradenitis Suppurativa. Journal of Investigative Dermatology, 2020, 140, 1473-1476.	0.3	12
31	Do Mixed-Species Biofilms Dominate in Chronic Infections?â€“Need for in situ Visualization of Bacterial Organization. Frontiers in Cellular and Infection Microbiology, 2020, 10, 396.	1.8	32
32	Pathological and microbiological impact of a gentamicin-loaded biocomposite following limited or extensive debridement in a porcine model of osteomyelitis. Bone and Joint Research, 2020, 9, 394-401.	1.3	9
33	Bacterial aggregate size determines phagocytosis efficiency of polymorphonuclear leukocytes. Medical Microbiology and Immunology, 2020, 209, 669-680.	2.6	38
34	Copper-Silver Alloy Coated Door Handles as a Potential Antibacterial Strategy in Clinical Settings. Coatings, 2020, 10, 790.	1.2	2
35	Early ILâ€2 treatment of mice with Pseudomonas aeruginosa pneumonia induced PMNâ€dominating response and reduced lung pathology. Apmis, 2020, 128, 647-653.	0.9	2
36	The zone model: A conceptual model for understanding the microenvironment of chronic wound infection. Wound Repair and Regeneration, 2020, 28, 593-599.	1.5	33

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37	Antibiotic susceptibility of cystic fibrosis lung microbiome members in a multispecies biofilm. Biofilm, 2020, 2, 100031.	1.5	20
38	The origin of extracellular DNA in bacterial biofilm infectionsin vivo. Pathogens and Disease, 2020, 78, .	0.8	42
39	Histologic changes and gene expression patterns in biopsy specimens from bacteria-inoculated and noninoculated excisional body and limb wounds in horses healing by second intention. American Journal of Veterinary Research, 2020, 81, 276-284.	0.3	2
40	Universal Dermal Microbiome in Human Skin. MBio, 2020, 11, .	1.8	72
41	Biofilms of Mycobacterium abscessus Complex Can Be Sensitized to Antibiotics by Disaggregation and Oxygenation. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	17
42	Does an Antimicrobial Incision Drape Prevent Intraoperative Contamination? A Randomized Controlled Trial of 1187 Patients. Clinical Orthopaedics and Related Research, 2020, 478, 1007-1015.	0.7	22
43	Analysis of proximal bone margins in diabetic foot osteomyelitis by conventional culture, DNA sequencing and microscopy. Apmis, 2019, 127, 660-670.	0.9	18
44	In Situ Monitoring of the Antibacterial Activity of a Copperâ€“Silver Alloy Using Confocal Laser Scanning Microscopy and pH Microsensors. Global Challenges, 2019, 3, 1900044.	1.8	13
45	Oxygen Restriction Generates Difficult-to-Culture P. aeruginosa. Frontiers in Microbiology, 2019, 10, 1992.	1.5	11
46	Revival of Krebsâ€“Ringer balanced salt solution for the investigation of polymorphonuclear leukocytes andPseudomonas aeruginosabiofilm interaction. Pathogens and Disease, 2019, 77, .	0.8	4
47	Antimicrobial Tolerance and Metabolic Adaptations in Microbial Biofilms. Trends in Microbiology, 2019, 27, 850-863.	3.5	166
48	Is pseudarthrosis after spinal instrumentation caused by a chronic infection?. European Spine Journal, 2019, 28, 2996-3002.	1.0	6
49	Shotgun sequencing of clinical biofilm following scanning electron microscopy identifies bacterial community composition. Pathogens and Disease, 2019, 77, .	0.8	6
50	An Equine Wound Model to Study Effects of Bacterial Aggregates on Wound Healing. Advances in Wound Care, 2019, 8, 487-498.	2.6	10
51	In Vivo Gentamicin Susceptibility Test for Prevention of Bacterial Biofilms in Bone Tissue and on Implants. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	20
52	Formation of Pseudomonas aeruginosa inhibition zone during tobramycin disk diffusion is due to transition from planktonic to biofilm mode of growth. International Journal of Antimicrobial Agents, 2019, 53, 564-573.	1.1	33
53	Hyperbaric oxygen treatment increases killing of aggregating Pseudomonas aeruginosa isolates from cystic fibrosis patients. Journal of Cystic Fibrosis, 2019, 18, 657-664.	0.3	24
54	Tools for studying growth patterns and chemical dynamics of aggregated Pseudomonas aeruginosa exposed to different electron acceptors in an alginate bead model. Npj Biofilms and Microbiomes, 2018, 4, 3.	2.9	37

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55	Bacterial Aggregates Establish at the Edges of Acute Epidermal Wounds. Advances in Wound Care, 2018, 7, 105-113.	2.6	52
56	The Inoculation Method Could Impact the Outcome of Microbiological Experiments. Applied and Environmental Microbiology, 2018, 84, .	1.4	62
57	Bacterial biofilms: a possible mechanism for chronic infection in patients with lumbar disc herniation â€“ a prospective proofâ€ofâ€concept study using fluorescence inÂsitu hybridization. Apmis, 2018, 126, 440-447.	0.9	30
58	Imaging N-Acyl Homoserine Lactone Quorum Sensing In Vivo. Methods in Molecular Biology, 2018, 1673, 203-212.	0.4	3
59	Qualitative and Quantitative Determination of Quorum Sensing Inhibition In Vitro. Methods in Molecular Biology, 2018, 1673, 275-285.	0.4	3
60	Bacterial biofilm formation inside colonic crypts may accelerate colorectal carcinogenesis. Clinical and Translational Medicine, 2018, 7, 30.	1.7	19
61	UV light assisted antibiotics for eradication of in vitro biofilms. Scientific Reports, 2018, 8, 16360.	1.6	14
62	Interleukin-26 (IL-26) is a novel anti-microbial peptide produced by T cells in response to staphylococcal enterotoxin. Oncotarget, 2018, 9, 19481-19489.	0.8	15
63	In memoriamâ€”Mark E. Shirtliff (1969â€“2018). Pathogens and Disease, 2018, 76, .	0.8	0
64	The use of fluorescent staining techniques for microscopic investigation of polymorphonuclear leukocytes and bacteria. Apmis, 2018, 126, 779-794.	0.9	2
65	Pseudomonas aeruginosa transcriptome during human infection. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5125-E5134.	3.3	213
66	Implants induce a new niche for microbiomes. Apmis, 2018, 126, 685-692.	0.9	28
67	Combined Staining Techniques for Demonstration of Staphylococcus aureus Biofilm in Routine Histopathology. Journal of Bone and Joint Infection, 2018, 3, 27-36.	0.6	10
68	Pseudomonas aeruginosa Aggregate Formation in an Alginate Bead Model System Exhibits In Vivo -Like Characteristics. Applied and Environmental Microbiology, 2017, 83, .	1.4	109
69	Diagnosis of biofilm infections in cystic fibrosis patients. Apmis, 2017, 125, 339-343.	0.9	69
70	Recurrent otorrhea in chronic suppurative otitis media: is biofilm the missing link?. European Archives of Oto-Rhino-Laryngology, 2017, 274, 2741-2747.	0.8	31
71	The Pseudomonas aeruginosa PSL Polysaccharide Is a Social but Noncheatable Trait in Biofilms. MBio, 2017, 8, .	1.8	59
72	Early implantâ€associated osteomyelitis results in a periâ€implanted bacterial reservoir. Apmis, 2017, 125, 38-45.	0.9	27

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73	Haematoxylin and eosin staining identifies medium to large bacterial aggregates with a reliable specificity: A comparative analysis of follicular bacterial aggregates in axillary biopsies using peptide nucleic acidâ€fluorescence in situ hybridization and haematoxylin and eosin staining. Experimental Dermatology, 2017, 26, 943-945.	1.4	1
74	Phage Inhibit Pathogen Dissemination by Targeting Bacterial Migrants in a Chronic Infection Model. MBio, 2017, 8, .	1.8	70
75	Novel porcine model of implantâ€associated osteomyelitis: A comprehensive analysis of local, regional, and systemic response. Journal of Orthopaedic Research, 2017, 35, 2211-2221.	1.2	33
76	Consensus guidelines for the identification and treatment of biofilms in chronic nonhealing wounds. Wound Repair and Regeneration, 2017, 25, 744-757.	1.5	204
77	Hyperbaric Oxygen Sensitizes Anoxic Pseudomonas aeruginosa Biofilm to Ciprofloxacin. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	44
78	Comparison of two commercial broad-range PCR and sequencing assays for identification of bacteria in culture-negative clinical samples. BMC Infectious Diseases, 2017, 17, 233.	1.3	19
79	Inactivation of Pseudomonas aeruginosa biofilm after ultraviolet light-emitting diode treatment: a comparative study between ultraviolet C and ultraviolet B. Journal of Biomedical Optics, 2017, 22, 065004.	1.4	13
80	Normal Skin Microbiota is Altered in Pre-clinical Hidradenitis Suppurativa. Acta Dermato-Venereologica, 2017, 97, 208-213.	0.6	76
81	The Consequences of Being in an Infectious Biofilm: Microenvironmental Conditions Governing Antibiotic Tolerance. International Journal of Molecular Sciences, 2017, 18, 2688.	1.8	59
82	Achromobacter Species Isolated from Cystic Fibrosis Patients Reveal Distinctly Different Biofilm Morphotypes. Microorganisms, 2016, 4, 33.	1.6	35
83	Interspecific Bacterial Interactions are Reflected in Multispecies Biofilm Spatial Organization. Frontiers in Microbiology, 2016, 7, 1366.	1.5	143
84	Shaping the Growth Behaviour of Biofilms Initiated from Bacterial Aggregates. PLoS ONE, 2016, 11, e0149683.	1.1	83
85	Editorial: The complexity of microbial biofilm researchâ€"an introduction to the third thematic issue on biofilms. Pathogens and Disease, 2016, 74, ftw053.	0.8	5
86	Comparing culture and molecular methods for the identification of microorganisms involved in necrotizing soft tissue infections. BMC Infectious Diseases, 2016, 16, 652.	1.3	41
87	Maxillary Sinus Impaction of a Core Carrier Causing Sustained Apical Periodontitis, Sinusitis, and Nasal Stenosis: A 3-year Follow-up. Journal of Endodontics, 2016, 42, 1851-1858.	1.4	10
88	Reinforcement of the bactericidal effect of ciprofloxacin on Pseudomonas aeruginosa biofilm by hyperbaric oxygen treatment. International Journal of Antimicrobial Agents, 2016, 47, 163-167.	1.1	68
89	Role of Multicellular Aggregates in Biofilm Formation. MBio, 2016, 7, e00237.	1.8	272
90	Anti-Pseudomonas aeruginosaIgY antibodies promote bacterial opsonization and augment the phagocytic activity of polymorphonuclear neutrophils. Human Vaccines and Immunotherapeutics, 2016, 12, 1-10.	1.4	24

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91	Increased bactericidal activity of colistin onPseudomonas aeruginosabiofilms in anaerobic conditions. Pathogens and Disease, 2016, 74, ftv086.	0.8	34
92	The phenotypic evolution of Pseudomonas aeruginosa populations changes in the presence of subinhibitory concentrations of ciprofloxacin. Microbiology (United Kingdom), 2016, 162, 865-875.	0.7	30
93	The Density of Competitors in a Stratified Environment Determines the Relative Fitness of Biofilm Structures. Biophysical Journal, 2015, 108, 313a.	0.2	0
94	In silico analyses of metagenomes from human atherosclerotic plaque samples. Microbiome, 2015, 3, 38.	4.9	87
95	Autofluorescence in samples obtained from chronic biofilm infections â€“ â€œall that glitters is not goldâ€. Pathogens and Disease, 2015, 73, .	0.8	13
96	Sinus biofilms in patients with cystic fibrosis: is adjusted eradication therapy needed?. European Archives of Oto-Rhino-Laryngology, 2015, 272, 2291-2297.	0.8	8
97	Antibiotic penetration and bacterial killing in a Pseudomonas aeruginosa biofilm model. Journal of Antimicrobial Chemotherapy, 2015, 70, 2057-2063.	1.3	50
98	Unexpected Diagnosis of Cerebral Toxoplasmosis by 16S and D2 Large-Subunit Ribosomal DNA PCR and Sequencing. Journal of Clinical Microbiology, 2015, 53, 1983-1985.	1.8	4
99	Chronic pulmonary disease with Mycobacterium abscessus complex is a biofilm infection. European Respiratory Journal, 2015, 46, 1823-1826.	3.1	120
100	The Limitations of In Vitro Experimentation in Understanding Biofilms and Chronic Infection. Journal of Molecular Biology, 2015, 427, 3646-3661.	2.0	167
101	Antibiofilm Properties of Acetic Acid. Advances in Wound Care, 2015, 4, 363-372.	2.6	118
102	Mucosal biofilm detection in chronic otitis media: a study of middle ear biopsies from Greenlandic patients. European Archives of Oto-Rhino-Laryngology, 2015, 272, 1079-1085.	0.8	32
103	Denitrification by cystic fibrosis pathogens â€“ Stenotrophomonas maltophilia is dormant in sputum. International Journal of Medical Microbiology, 2015, 305, 1-10.	1.5	34
104	Fluorescence In Situ Hybridization for the Tissue Detection of Bacterial Pathogens Associated with Porcine Infections. Methods in Molecular Biology, 2015, 1247, 219-234.	0.4	8
105	Microbial Biofilms and Adverse Reactions to Gel Fillers Used in Cosmetic Surgery. Advances in Experimental Medicine and Biology, 2015, 831, 45-52.	0.8	4
106	Specific Antibodies to Staphylococcus aureus Biofilm Are Present in Serum from Pigs with Osteomyelitis. In Vivo, 2015, 29, 555-60.	0.6	12
107	Antimicrobials and Non-Healing Wounds. Evidence, controversies and suggestionsâ€”key messages. Journal of Wound Care, 2014, 23, 477-482.	0.5	22
108	Physiological levels of nitrate support anoxic growth by denitrification of Pseudomonas aeruginosa at growth rates reported in cystic fibrosis lungs and sputum. Frontiers in Microbiology, 2014, 5, 554.	1.5	68

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109	Are biofilms responsible for the adverse effects experienced following soft-tissue fillers?. Future Microbiology, 2014, 9, 931-933.	1.0	6
110	Bacterial biofilm formation and treatment in soft tissue fillers. Pathogens and Disease, 2014, 70, 339-346.	0.8	50
111	Formation of hydroxyl radicals contributes to the bactericidal activity of ciprofloxacin againstPseudomonas aeruginosabiofilms. Pathogens and Disease, 2014, 70, 440-443.	0.8	76
112	Microbial biofilms - the coming of age of a research field. Pathogens and Disease, 2014, 70, 203-204.	0.8	5
113	Interactions in multispecies biofilms: do they actually matter?. Trends in Microbiology, 2014, 22, 84-91.	3.5	417
114	Pseudomonas aeruginosa Biofilms. Advances in Applied Microbiology, 2014, 86, 1-40.	1.3	160
115	Bactericidal effect of colistin on planktonic Pseudomonas aeruginosa is independent of hydroxyl radical formation. International Journal of Antimicrobial Agents, 2014, 43, 140-147.	1.1	56
116	Polymorphonuclear Leukocytes Restrict Growth of Pseudomonas aeruginosa in the Lungs of Cystic Fibrosis Patients. Infection and Immunity, 2014, 82, 4477-4486.	1.0	138
117	Methods for Dynamic Investigations of Surface-Attached In Vitro Bacterial and Fungal Biofilms. Methods in Molecular Biology, 2014, 1147, 3-22.	0.4	15
118	PNA-Based Fluorescence In Situ Hybridization for Identification of Bacteria in Clinical Samples. Methods in Molecular Biology, 2014, 1211, 261-271.	0.4	18
119	Novel Targets for Treatment of Pseudomonas aeruginosa Biofilms. Springer Series on Biofilms, 2014, , 257-272.	0.0	1
120	Nitrous Oxide Production in Sputum from Cystic Fibrosis Patients with Chronic Pseudomonas aeruginosa Lung Infection. PLoS ONE, 2014, 9, e84353.	1.1	86
121	Exhaled Breath Analysis Using Electronic Nose in Cystic Fibrosis and Primary Ciliary Dyskinesia Patients with Chronic Pulmonary Infections. PLoS ONE, 2014, 9, e115584.	1.1	45
122	The in vivo biofilm. Trends in Microbiology, 2013, 21, 466-474.	3.5	603
123	Targeting quorum sensing in Pseudomonas aeruginosa biofilms: current and emerging inhibitors. Future Microbiology, 2013, 8, 901-921.	1.0	92
124	Applying insights from biofilm biology to drug development â€” can a new approach be developed?. Nature Reviews Drug Discovery, 2013, 12, 791-808.	21.5	421
125	A nonâ€fatal case of invasive zygomycete (<scp>L</scp>ichtheimia corymbifera) infection in an allogeneic haematopoietic cell transplant recipient. Apmis, 2013, 121, 456-459.	0.9	3
126	<scp>P</scp>seudomonas aeruginosa biofilm aggravates skin inflammatory response in <scp>BALB</scp>/c mice in a novel chronic wound model. Wound Repair and Regeneration, 2013, 21, 292-299.	1.5	58

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127	The role of bacterial biofilms in chronic infections. Apmis, 2013, 121, 1-58.	0.9	821
128	Bacterial Infection as a Likely Cause of Adverse Reactions to Polyacrylamide Hydrogel Fillers in Cosmetic Surgery. Clinical Infectious Diseases, 2013, 56, 1438-1444.	2.9	61
129	Direct Sequencing and RipSeq Interpretation as a Tool for Identification of Polymicrobial Infections. Journal of Clinical Microbiology, 2013, 51, 1281-1284.	1.8	8
130	Dietzia papillomatosis Bacteremia. Journal of Clinical Microbiology, 2013, 51, 1977-1978.	1.8	7
131	Identification of pathogenic microorganisms directly from positive blood vials by matrixâ€assisted laser desorption/ionization time of flight mass spectrometry. Apmis, 2013, 121, 871-877.	0.9	46
132	Kinetic Model for Signal Binding to the Quorum Sensing Regulator LasR. International Journal of Molecular Sciences, 2013, 14, 13360-13376.	1.8	8
133	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
134	Interactions between Polymorphonuclear Leukocytes and Pseudomonas aeruginosa Biofilms on Silicone Implants In Vivo. Infection and Immunity, 2012, 80, 2601-2607.	1.0	65
135	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
136	Ajoene, a Sulfur-Rich Molecule from Garlic, Inhibits Genes Controlled by Quorum Sensing. Antimicrobial Agents and Chemotherapy, 2012, 56, 2314-2325.	1.4	383
137	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
138	The Interaction Pattern of Murine Serum Ficolin-A with Microorganisms. PLoS ONE, 2012, 7, e38196.	1.1	26
139	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
140	Poor Antioxidant Status Exacerbates Oxidative Stress and Inflammatory Response to Pseudomonas aeruginosa Lung Infection in Guinea Pigs. Basic and Clinical Pharmacology and Toxicology, 2012, 110, 353-358.	1.2	15
141	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
142	Towards diagnostic guidelines for biofilm-associated infections. FEMS Immunology and Medical Microbiology, 2012, 65, 127-145.	2.7	288
143	Understanding biofilms â€" are we there yet?. FEMS Immunology and Medical Microbiology, 2012, 65, 125-126.	2.7	11
144	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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145	Methods to Classify Bacterial Pathogens in Cystic Fibrosis. Methods in Molecular Biology, 2011, 742, 143-171.	0.4	7
146	Influence of Microorganisms on the Healing of Skin Grafts from Chronic Venous Leg Wounds. , 2011, , .		0
147	Phenotypes of Non-Attached Pseudomonas aeruginosa Aggregates Resemble Surface Attached Biofilm. PLoS ONE, 2011, 6, e27943.	1.1	245
148	Quantitative analysis of the cellular inflammatory response against biofilm bacteria in chronic wounds. Wound Repair and Regeneration, 2011, 19, 387-391.	1.5	126
149	A UVC Device for Intraâ€luminal Disinfection of Catheters: In Vitro Tests on Soft Polymer Tubes Contaminated with Pseudomonas aeruginosa, Staphylococcus aureus, Escherichia coli and Candida albicans. Photochemistry and Photobiology, 2011, 87, 1123-1128.	1.3	13
150	Effects of Photoactivated Titanium Dioxide Nanopowders and Coating on Planktonic and Biofilm Growth of Pseudomonas aeruginosa. Photochemistry and Photobiology, 2011, 87, 1387-1394.	1.3	35
151	The clinical impact of bacterial biofilms. International Journal of Oral Science, 2011, 3, 55-65.	3.6	663
152	The Implication of Pseudomonas aeruginosa Biofilms in Infections. Inflammation and Allergy: Drug Targets, 2011, 10, 141-157.	1.8	48
153	Interfering with â€œBacterial Gossipâ€. Springer Series on Biofilms, 2011, , 163-188.	0.0	1
154	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
155	Introduction to Biofilms. , 2011, , 1-9.		15
156	Pseudomonas aeruginosa Biofilms in the Lungs of Cystic Fibrosis Patients. , 2011, , 167-184.		3
157	Imaging N-Acyl Homoserine Lactone Quorum Sensing In Vivo. Methods in Molecular Biology, 2011, 692, 147-157.	0.4	7
158	Success Rate of Split-Thickness Skin Grafting of Chronic Venous Leg Ulcers Depends on the Presence of Pseudomonas aeruginosa: A Retrospective Study. PLoS ONE, 2011, 6, e20492.	1.1	69
159	The bacteriology of chronic venous leg ulcer examined by culture-independent molecular methods. Wound Repair and Regeneration, 2010, 18, 38-49.	1.5	124
160	The immune system vs.Pseudomonas aeruginosabiofilms. FEMS Immunology and Medical Microbiology, 2010, 59, 292-305.	2.7	201
161	Biofilms in chronic infections â€“ a matter of opportunity â€“ monospecies biofilms in multispecies infections. FEMS Immunology and Medical Microbiology, 2010, 59, 324-336.	2.7	351
162	An in vitro model of bacterial infections in wounds and other soft tissues. Apmis, 2010, 118, 156-164.	0.9	109

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163	In vitro screens for quorum sensing inhibitors and in vivo confirmation of their effect. Nature Protocols, 2010, 5, 282-293.	5.5	72
164	Relative contribution of Prevotella intermedia and Pseudomonas aeruginosa to lung pathology in airways of patients with cystic fibrosis. Thorax, 2010, 65, 978-984.	2.7	84
165	Interference ofPseudomonas aeruginosasignalling and biofilm formation for infection control. Expert Reviews in Molecular Medicine, 2010, 12, e11.	1.6	95
166	Genetic adaptation of Pseudomonas aeruginosa during chronic lung infection of patients with cystic fibrosis: strong and weak mutators with heterogeneous genetic backgrounds emerge in mucA and/or lasR mutants. Microbiology (United Kingdom), 2010, 156, 1108-1119.	0.7	171
167	Pseudomonas aeruginosa biofilms in cystic fibrosis. Future Microbiology, 2010, 5, 1663-1674.	1.0	557
168	Antibiotic resistance of bacterial biofilms. International Journal of Antimicrobial Agents, 2010, 35, 322-332.	1.1	2,809
169	Alveolar inflammation in cystic fibrosis. Journal of Cystic Fibrosis, 2010, 9, 217-227.	0.3	103
170	Quorum Sensing Regulation in Aeromonas hydrophila. Journal of Molecular Biology, 2010, 396, 849-857.	2.0	35
171	Quorum Sensing and Virulence of Pseudomonas aeruginosa during Lung Infection of Cystic Fibrosis Patients. PLoS ONE, 2010, 5, e10115.	1.1	217
172	Computer-Aided Identification of Recognized Drugs as Pseudomonas aeruginosa Quorum-Sensing Inhibitors. Antimicrobial Agents and Chemotherapy, 2009, 53, 2432-2443.	1.4	199
173	Pseudomonas aeruginosa recognizes and responds aggressively to the presence of polymorphonuclear leukocytes. Microbiology (United Kingdom), 2009, 155, 3500-3508.	0.7	207
174	Augmented effect of early antibiotic treatment in mice with experimental lung infections due to sequentially adapted mucoid strains of Pseudomonas aeruginosa. Journal of Antimicrobial Chemotherapy, 2009, 64, 1241-1250.	1.3	21
175	Nonrandom Distribution of Pseudomonas aeruginosa and Staphylococcus aureus in Chronic Wounds. Journal of Clinical Microbiology, 2009, 47, 4084-4089.	1.8	406
176	Morphological evidence of biofilm formation in Greenlanders with chronic suppurative otitis media. European Archives of Oto-Rhino-Laryngology, 2009, 266, 1533-1538.	0.8	350
177	Pseudomonas aeruginosa biofilms in the respiratory tract of cystic fibrosis patients. Pediatric Pulmonology, 2009, 44, 547-558.	1.0	685
178	Multiple roles of Pseudomonas aeruginosa TBCF10839 PilY1 in motility, transport and infection. Molecular Microbiology, 2009, 71, 730-747.	1.2	50
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