# Niels HÃ¸iby

List of Publications by Year
in descending order

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Version: 2024-02-01

| 179 | 14,750 | 38660 | 20307 |
|---|---|---|---|
| papers | citations | 50 h-index | 116 g-index |

| 182 | 182 | 182 | 14017 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Antibiotic resistance of bacterial biofilms. International Journal of Antimicrobial Agents, 2010, 35, 322-332. | 1.1 | 2,809 |
| 2 | Inhibition of quorum sensing in Pseudomonas aeruginosa biofilm bacteria by a halogenated furanone compound. Microbiology (United Kingdom), 2002, 148, 87-102. | 0.7 | 919 |
| 3 | Strategies for combating bacterial biofilm infections. International Journal of Oral Science, 2015, 7, 1-7. | 3.6 | 696 |
| 4 | The clinical impact of bacterial biofilms. International Journal of Oral Science, 2011, 3, 55-65. | 3.6 | 663 |
| 5 | Pseudomonas aeruginosa biofilms in cystic fibrosis. Future Microbiology, 2010, 5, 1663-1674. | 1.0 | 557 |
| 6 | Pseudomonas aeruginosa tolerance to tobramycin, hydrogen peroxide and polymorphonuclear leukocytes is quorum-sensing dependent. Microbiology (United Kingdom), 2005, 151, 373-383. | 0.7 | 451 |
| 7 | Mucoid conversion of Pseudomonas aeruginos by hydrogen peroxide: a mechanism for virulence activation in the cystic fibrosis lung. Microbiology (United Kingdom), 1999, 145, 1349-1357. | 0.7 | 437 |
| 8 | Garlic blocks quorum sensing and promotes rapid clearing of pulmonary Pseudomonas aeruginosa infections. Microbiology (United Kingdom), 2005, 151, 3873-3880. | 0.7 | 381 |
| 9 | Rapid necrotic killing of polymorphonuclear leukocytes is caused by quorum-sensing-controlled production of rhamnolipid by Pseudomonas aeruginosa. Microbiology (United Kingdom), 2007, 153, 1329-1338. | 0.7 | 362 |
| 10 | Tolerance and resistance of microbial biofilms. Nature Reviews Microbiology, 2022, 20, 621-635. | 13.6 | 316 |
| 11 | Antimicrobial resistance, respiratory tract infections and role of biofilms in lung infections in cystic fibrosis patients. Advanced Drug Delivery Reviews, 2015, 85, 7-23. | 6.6 | 250 |
| 12 | Occurrence of Hypermutable Pseudomonas aeruginosa in Cystic Fibrosis Patients Is Associated with the Oxidative Stress Caused by Chronic Lung Inflammation. Antimicrobial Agents and Chemotherapy, 2005, 49, 2276-2282. | 1.4 | 232 |
| 13 | Pseudomonas aeruginosa recognizes and responds aggressively to the presence of polymorphonuclear leukocytes. Microbiology (United Kingdom), 2009, 155, 3500-3508. | 0.7 | 207 |
| 14 | The MexGHI-OpmD multidrug efflux pump controls growth, antibiotic susceptibility and virulence in Pseudomonas aeruginosa via 4-quinolone-dependent cell-to-cell communication. Microbiology (United Kingdom), 2005, 151, 1113-1125. | 0.7 | 204 |
| 15 | Recent advances in the treatment of Pseudomonas aeruginosainfections in cystic fibrosis. BMC Medicine, 2011, 9, 32. | 2.3 | 201 |
| 16 | MICROBIOLOGY OF LUNG INFECTIONS IN CYSTIC FIBROSIS PATIENTS. Acta Paediatrica, International Journal of Paediatrics, 1982, 71, 33-54. | 0.7 | 196 |
| 17 | Evolution and diversification of Pseudomonas aeruginosa in the paranasal sinuses of cystic fibrosis children have implications for chronic lung infection. ISME Journal, 2012, 6, 31-45. | 4.4 | 184 |
| 18 | Pseudomonas aeruginosa mutations in lasI and rhlI quorum sensing systems result in milder chronic lung infection. Microbiology (United Kingdom), 2001, 147, 1105-1113. | 0.7 | 177 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Detection of N-acylhomoserine lactones in lung tissues of mice infected with Pseudomonas aeruginosa. Microbiology (United Kingdom), 2000, 146, 2481-2493. | 0.7 | 156 |
| 21 | The immune response to chronic Pseudomonas aeruginosa lung infection in cystic fibrosis patients is predominantly of the Th2 typeNote. Apmis, 2000, 108, 329-335. | 0.9 | 155 |
| 22 | Environmental Heterogeneity Drives Within-Host Diversification and Evolution of Pseudomonas aeruginosa. MBio, 2014, 5, e01592-14. | 1.8 | 153 |
| 23 | Polymorphonuclear Leukocytes Restrict Growth of Pseudomonas aeruginosa in the Lungs of Cystic Fibrosis Patients. Infection and Immunity, 2014, 82, 4477-4486. | 1.0 | 138 |
| 24 | A short history of microbial biofilms and biofilm infections. Apmis, 2017, 125, 272-275. | 0.9 | 132 |
| 25 | Results of Multiple Diagnostic Tests for Mycobacterium avium subsp. paratuberculosis in Patients with Inflammatory Bowel Disease and in Controls. Journal of Clinical Microbiology, 2000, 38, 4373-4381. | 1.8 | 125 |
| 26 | Impact of Pseudomonas aeruginosa quorum sensing on biofilm persistence in an in vivo intraperitoneal foreign-body infection model. Microbiology (United Kingdom), 2007, 153, 2312-2320. | 0.7 | 124 |
| 27 | Chronic pulmonary disease with Mycobacterium abscessus complex is a biofilm infection. European Respiratory Journal, 2015, 46, 1823-1826. | 3.1 | 120 |
| 28 | Antibiofilm Properties of Acetic Acid. Advances in Wound Care, 2015, 4, 363-372. | 2.6 | 118 |
| 29 | Biofilms and host response â€“ helpful or harmful. Apmis, 2017, 125, 320-338. | 0.9 | 118 |
| 30 | Comparing the harmful effects of nontuberculous mycobacteria and Gram negative bacteria on lung function in patients with cystic fibrosis. Journal of Cystic Fibrosis, 2016, 15, 380-385. | 0.3 | 111 |
| 31 | Chronic Pseudomonas aeruginosa lung infection is more severe in Th<sub>2</sub> responding BALB/c mice compared to Th<sub>1</sub> responding C<sub>3</sub>H/HeN mice. Apmis, 1997, 105, 838-842. | 0.9 | 110 |
| 32 | Understanding bacterial biofilms in patients with cystic fibrosis: current and innovative approaches to potential therapies. Journal of Cystic Fibrosis, 2002, 1, 249-254. | 0.3 | 109 |
| 33 | Epidemiology of nontuberculous mycobacteria among patients with cystic fibrosis in Scandinavia. Journal of Cystic Fibrosis, 2015, 14, 46-52. | 0.3 | 107 |
| 34 | Urinary Tract Infections in Patients with Spinal Cord Lesions. Drugs, 2001, 61, 1275-1287. | 4.9 | 97 |
| 35 | Evolution of Antibiotic Resistance in Biofilm and Planktonic Pseudomonas aeruginosa Populations Exposed to Subinhibitory Levels of Ciprofloxacin. Antimicrobial Agents and Chemotherapy, 2018, 62, . | 1.4 | 97 |
| 36 | Pseudomonas aeruginosa cross-infection among patients with cystic fibrosis during a winter camp. , 2000, 29, 177-181. | | 92 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Nitrous Oxide Production in Sputum from Cystic Fibrosis Patients with Chronic Pseudomonas aeruginosa Lung Infection. PLoS ONE, 2014, 9, e84353. | 1.1 | 86 |
| 38 | Investigation of the algT operon sequence in mucoid and non-mucoid Pseudomonas aeruginosa isolates from 115 Scandinavian patients with cystic fibrosis and in 88 in vitro non-mucoid revertants. Microbiology (United Kingdom), 2008, 154, 103-113. | 0.7 | 77 |
| 39 | Pseudomonas aeruginosa alginate is refractory to Th1 immune response and impedes host immune clearance in a mouse model of acute lung infection. Journal of Medical Microbiology, 2003, 52, 731-740. | 0.7 | 76 |
| 40 | ANTIMICROBIAL CHEMOTHERAPY IN CYSTIC FIBROSIS PATIENTS. Acta Paediatrica, International Journal of Paediatrics, 1982, 71, 75-100. | 0.7 | 75 |
| 41 | Production ofN-acyl-L-homoserine lactones byP. aeruginosaisolates from chronic lung infections associated with cystic fibrosis. FEMS Microbiology Letters, 2000, 184, 273-278. | 0.7 | 73 |
| 42 | Diagnosis of biofilm infections in cystic fibrosis patients. Apmis, 2017, 125, 339-343. | 0.9 | 69 |
| 43 | Retrospective Clinical Study of Hypersensitivity Reactions to Aztreonam and Six Other Î²-Lactam Antibiotics in Cystic Fibrosis Patients Receiving Multiple Treatment Courses. Clinical Infectious Diseases, 1991, 13, S608-S611. | 2.9 | 68 |
| 44 | 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 |
| 45 | Staphylococcus aureus Alters Growth Activity, Autolysis, and Antibiotic Tolerance in a Human Host-Adapted Pseudomonas aeruginosa Lineage. Journal of Bacteriology, 2014, 196, 3903-3911. | 1.0 | 68 |
| 46 | 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 |
| 47 | Early immune response in susceptible and resistant mice strains with chronic Pseudomonas aeruginosa lung infection determines the type of Tâ€helper cell response. Apmis, 1999, 107, 1093-1100. | 0.9 | 63 |
| 48 | The LapG protein plays a role in Pseudomonas aeruginosa biofilm formation by controlling the presence of the CdrA adhesin on the cell surface. MicrobiologyOpen, 2015, 4, 917-930. | 1.2 | 63 |
| 49 | A personal history of research on microbial biofilms and biofilm infections. Pathogens and Disease, 2014, 70, 205-211. | 0.8 | 60 |
| 50 | 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 |
| 51 | Rapid development in vitro and in vivo of resistance to ceftazidime in biofilm-growing Pseudomonas aeruginosa due to chromosomal AE-lactamaseNote. Apmis, 2000, 108, 589-600. | 0.9 | 55 |
| 52 | OligoG CF-5/20 Disruption of Mucoid Pseudomonas aeruginosa Biofilm in a Murine Lung Infection Model. Antimicrobial Agents and Chemotherapy, 2016, 60, 2620-2626. | 1.4 | 52 |
| 53 | Antibiotic penetration and bacterial killing in a Pseudomonas aeruginosa biofilm model. Journal of Antimicrobial Chemotherapy, 2015, 70, 2057-2063. | 1.3 | 50 |
| 54 | P. aeruginosa flow-cell biofilms are enhanced by repeated phage treatments but can be eradicated by phageâ€“ciprofloxacin combination. Pathogens and Disease, 2019, 77, . | 0.8 | 50 |

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|---|---|---|---|
| 55 | IDENTIFICATION AND QUANTITATION OF PRECIPITINS AGAINST PSEUDOMONAS AERUGINOSA IN PATIENTS WITH CYSTIC FIBROSIS BY MEANS OF CROSSED IMMUNOELECTROPHORESIS WITH INTERMEDIATE GEL. Acta Pathologica Et Microbiologica Scandinavica - Section B Microbiology and Immunology, 1973, 81B, 298-308. | 0.0 | 49 |
| 56 | Some bacterial parameters influencing the neutrophil oxidative burst response to Pseudomonas aeruginosa biofilms. Apmis, 1992, 100, 727-733. | 0.9 | 46 |
| 57 | EPIDEMIOLOGY OF PSEUDOMONAS AERUGINOSA INFECTION IN PATIENTS TREATED AT A CYSTIC FIBROSIS CENTRE. Acta Pathologica Microbiologica Scandinavica Section B Microbiology, 1980, 88B, 125-131. | 0.0 | 46 |
| 58 | Sinus surgery can improve quality of life, lung infections, and lung function in patients with primary ciliary dyskinesia. International Forum of Allergy and Rhinology, 2017, 7, 240-247. | 1.5 | 46 |
| 59 | Ginseng treatment enhances bacterial clearance and decreases lung pathology in athymic rats with chronic P. aeruginosa pneumonia. Apmis, 1997, 105, 438-444. | 0.9 | 45 |
| 60 | The dlt genes play a role in antimicrobial tolerance of Streptococcus mutans biofilms. International Journal of Antimicrobial Agents, 2016, 48, 298-304. | 1.1 | 45 |
| 61 | Hyperbaric Oxygen Sensitizes Anoxic Pseudomonas aeruginosa Biofilm to Ciprofloxacin. Antimicrobial Agents and Chemotherapy, 2017, 61, . | 1.4 | 44 |
| 62 | Antibiotic therapy as personalized medicine â€“ general considerations and complicating factors. Apmis, 2019, 127, 361-371. | 0.9 | 44 |
| 63 | Pseudomonas aeruginosa andBurkholderia cepacia infection in cystic fibrosis patients treated in Toronto and Copenhagen. , 1998, 26, 89-96. | | 43 |
| 64 | Prospects for the Prevention and Control of Pseudomonal Infection in Children with Cystic Fibrosis. Paediatric Drugs, 2000, 2, 451-463. | 1.3 | 40 |
| 65 | New antimicrobials in the management of cystic fibrosis. Journal of Antimicrobial Chemotherapy, 2002, 49, 235-238. | 1.3 | 40 |
| 66 | Simultaneous sinus and lung infections in patients with primary ciliary dyskinesia. Acta Oto-Laryngologica, 2015, 135, 58-63. | 0.3 | 40 |
| 67 | Diffusion Retardation by Binding of Tobramycin in an Alginate Biofilm Model. PLoS ONE, 2016, 11, e0153616. | 1.1 | 40 |
| 68 | Bacterial evolution in PCD and CF patients follows the same mutational steps. Scientific Reports, 2016, 6, 28732. | 1.6 | 38 |
| 69 | PSEUDOMONAS AERUGINOSA INFECTION IN CYSTIC FIBROSIS. Relationship between mucoid strains of Pseudomonas aeruginosa and the humoral immune response. Acta Pathologica Et Microbiologica Scandinavica - Section B Microbiology and Immunology, 1974, 82B, 551-558. | 0.0 | 37 |
| 70 | Denitrification by cystic fibrosis pathogens â€“ Stenotrophomonas maltophilia is dormant in sputum. International Journal of Medical Microbiology, 2015, 305, 1-10. | 1.5 | 34 |
| 71 | Increased bactericidal activity of colistin onPseudomonas aeruginosabiofilms in anaerobic conditions. Pathogens and Disease, 2016, 74, ftv086. | 0.8 | 34 |
| 72 | Mechanisms of humoral immune response against Pseudomonas aeruginosa biofilm infection in cystic fibrosis. Journal of Cystic Fibrosis, 2018, 17, 143-152. | 0.3 | 34 |

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|---|---|---|---|
| 73 | A systematic review of studies on the faecal microbiota in anorexia nervosa: future research may need to include microbiota from the small intestine. Eating and Weight Disorders, 2018, 23, 399-418. | 1.2 | 33 |
| 74 | 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 |
| 75 | Anti-biofilm Approach in Infective Endocarditis Exposes New Treatment Strategies for Improved Outcome. Frontiers in Cell and Developmental Biology, 2021, 9, 643335. | 1.8 | 32 |
| 76 | IMMUNE COMPLEX MEDIATED TISSUE DAMAGE IN THE LUNGS OF CYSTIC FIBROSIS PATIENTS WITH CHRONIC PSEUDOMONAS AERUGINOSA INFECTION. Acta Paediatrica, International Journal of Paediatrics, 1982, 71, 63-73. | 0.7 | 31 |
| 77 | The effect of short-term, high-dose oral N-acetylcysteine treatment on oxidative stress markers in cystic fibrosis patients with chronic P. aeruginosa infection â€" A pilot study. Journal of Cystic Fibrosis, 2015, 14, 211-218. | 0.3 | 31 |
| 78 | Serodiagnosis ofMycobacterium abscessuscomplex infection in cystic fibrosis. European Respiratory Journal, 2015, 46, 707-716. | 3.1 | 30 |
| 79 | 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 |
| 80 | Microbiological and Immunological Studies in a Case of Human Melioidosis Diagnosed in Denmark. Scandinavian Journal of Infectious Diseases, 1982, 14, 271-275. | 1.5 | 29 |
| 81 | The evolutionary trajectories of P. aeruginosa in biofilm and planktonic growth modes exposed to ciprofloxacin: beyond selection of antibiotic resistance. Npj Biofilms and Microbiomes, 2020, 6, 28. | 2.9 | 29 |
| 82 | Strict Protective Isolation in Allogeneic Bone Marrow Transplantation: Effect on Infectious Complications, Fever and Graft Versus Host Disease. Scandinavian Journal of Infectious Diseases, 1987, 19, 91-96. | 1.5 | 27 |
| 83 | IgG subclass antibody responses to alginate fromPseudomonas aeruginosa in patients with cystic fibrosis and chronicP. aeruginosa infection. Pediatric Pulmonology, 1992, 14, 44-51. | 1.0 | 27 |
| 84 | EPIDEMIOLOGICAL INVESTIGATIONS OF THE RESPIRATORY TRACT BACTERIOLOGY IN PATIENTS WITH CYSTIC FIBROSIS. Acta Pathologica Et Microbiologica Scandinavica - Section B Microbiology and Immunology, 1974, 82B, 541-550. | 0.0 | 27 |
| 85 | IMMUNOLOGICAL CROSSâ€REACTION BETWEEN ANTIGEN Tpâ€4 OF TREPONEMA PALLIDUM AND AN ANTIGEN COMMON TO A WIDE RANGE OF BACTERIA. Acta Pathologica, Microbiologica, Et Immunologica Scandinavica Section B, Microbiology, 1984, 92B, 183-188. | 0.1 | 27 |
| 86 | Diversity of metabolic profiles of cystic fibrosis Pseudomonas aeruginosa during the early stages of lung infection. Microbiology (United Kingdom), 2015, 161, 1447-1462. | 0.7 | 27 |
| 87 | Studies on Hypersensitivity to Bacterial Antigens in Intrinsic Asthma. Allergy: European Journal of Allergy and Clinical Immunology, 1982, 37, 191-201. | 2.7 | 26 |
| 88 | Polyagglutinability Due to Loss of Oâ€Antigenic Determinants in Pseudomonas Aeruginosa Strains Isolated from Cystic Fibrosis Patients. Acta Pathologica, Microbiologica, Et Immunologica Scandinavica Section B, Microbiology, 1985, 93B, 7-13. | 0.1 | 26 |
| 89 | Pandemics: past, present, future. Apmis, 2021, 129, 352-371. | 0.9 | 25 |
| 90 | HYPERGAMMAGLOBULINEMIC PURPURA IN CYSTIC FIBROSIS. Acta Paediatrica, International Journal of Paediatrics, 1978, 67, 443-447. | 0.7 | 24 |

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|---|---|---|---|
| 91 | Ulcer bed infection. Apmis, 1998, 106, 721-726. | 0.9 | 24 |
| 92 | 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 |
| 93 | Adaptation of Pseudomonas aeruginosa to the chronic phenotype by mutations in the algTmucABD operon in isolates from Brazilian cystic fibrosis patients. PLoS ONE, 2018, 13, e0208013. | 1.1 | 24 |
| 94 | 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 |
| 95 | Relationship Between Chemical Composition and Biological Function of Pseudomonas aeruginosa Lipopolysaccharide: Effect on Human Neutrophil Chemotaxis and Oxidative Burst. Journal of Leukocyte Biology, 1991, 49, 15-20. | 1.5 | 23 |
| 96 | S100A8/A9 is an important host defence mediator in neuropathic foot ulcers in patients with type 2 diabetes mellitus. Archives of Dermatological Research, 2016, 308, 347-355. | 1.1 | 23 |
| 97 | PSEUDOMONAS AERUGINOSA INFECTION IN CYSTIC FIBROSIS: Occurrence of Precipitating Antibodies against Pseudomonas Aeruginosa in Relation to the Concentration of Sixteen Serum Proteins and the Clinical and Radiographical Status of thi Lungs. Acta Paediatrica, International Journal of Paediatrics, 1974, 63, 843-848. | 0.7 | 22 |
| 98 | Lipopolysaccharide is present in immune complexes isolated from sputum in patients with cystic fibrosis and chronic Pseudomonas aeruginosa lung infection. Apmis, 1992, 100, 175-180. | 0.9 | 22 |
| 99 | Modelling of ciprofloxacin killing enhanced by hyperbaric oxygen treatment in Pseudomonas aeruginosa PAO1 biofilms. PLoS ONE, 2018, 13, e0198909. | 1.1 | 21 |
| 100 | PSEUDOMONAS AERUGINOSA INFECTION IN CYSTIC FIBROSIS:. Acta Pathologica Et Microbiologica Scandinavica Section C, Immunology, 1977, 85C, 107-114. | 0.0 | 20 |
| 101 | Antimicrobial Activity of Î±-Peptide/Î²-Peptoid Lysine-Based Peptidomimetics Against Colistin-Resistant Pseudomonas aeruginosa Isolated From Cystic Fibrosis Patients. Frontiers in Microbiology, 2019, 10, 275. | 1.5 | 19 |
| 102 | Experimental immunization with Pseudomonas aeruginosa alginate induces IgA and IgG antibody responses. Apmis, 1991, 99, 1061-1068. | 0.9 | 18 |
| 103 | Identification of outer membrane Porin D as a vitronectin-binding factor in cystic fibrosis clinical isolates of Pseudomonas aeruginosa. Journal of Cystic Fibrosis, 2015, 14, 600-607. | 0.3 | 18 |
| 104 | Pseudomonas aeruginosa biofilm hampers murine central wound healing by suppression of vascular epithelial growth factor. International Wound Journal, 2018, 15, 123-132. | 1.3 | 18 |
| 105 | Adjunctive dabigatran therapy improves outcome of experimental left-sided Staphylococcus aureus endocarditis. PLoS ONE, 2019, 14, e0215333. | 1.1 | 18 |
| 106 | IMMUNE COMPLEXES IN CYSTIC FIBROSIS. Acta Pathologica Et Microbiologica Scandinavica Section C, Immunology, 1977, 85C, 57-64. | 0.0 | 17 |
| 107 | Urine lipoarabinomannan point-of-care testing in patients affected by pulmonary nontuberculous mycobacteria â€“ experiences from the Danish Cystic Fibrosis cohort study. BMC Infectious Diseases, 2014, 14, 655. | 1.3 | 17 |
| 108 | Mouse Model of Burn Wound and Infection: Thermal (Hot Air) Lesionâ€Induced Immunosuppression. Current Protocols in Mouse Biology, 2017, 7, 77-87. | 1.2 | 17 |

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|---|---|---|---|
| 109 | Biofilms of Mycobacterium abscessus Complex Can Be Sensitized to Antibiotics by Disaggregation and Oxygenation. Antimicrobial Agents and Chemotherapy, 2020, 64, . | 1.4 | 17 |
| 110 | Chronic Pseudomonas aeruginosa Biofilm Infection Impairs Murine S100A8/A9 and Neutrophil Effector Cytokines â€“ Implications for Delayed Wound Closure?. Pathogens and Disease, 2017, 75, . | 0.8 | 16 |
| 111 | CROSSâ€REACTIONS BETWEEN BORDETELLA PERTUSSIS AND TWENTYâ€EIGHT OTHER BACTERIAL SPECIES. Acta Pathologica Microbiologica Scandinavica Section B Microbiology, 1976, 84B, 395-400. | 0.0 | 15 |
| 112 | In vivo demonstration of Pseudomonas aeruginosa biofilms as independent pharmacological microcompartments. Journal of Cystic Fibrosis, 2020, 19, 996-1003. | 0.3 | 15 |
| 113 | Local IgA and IgG response to intratracheal immunization with Pseudomonas aeruginosa antigens. Apmis, 1992, 100, 87-90. | 0.9 | 14 |
| 114 | Effects of Chinese medicinal herbs on a rat model of chronicPseudomonas aeruginosalung infection. Apmis, 1996, 104, 350-354. | 0.9 | 14 |
| 115 | Autofluorescence in samples obtained from chronic biofilm infections â€“ â€œall that glitters is not goldâ€. Pathogens and Disease, 2015, 73, . | 0.8 | 13 |
| 116 | Chronic urinary tract infections in patients with spinal cord lesions â€“ biofilm infection with need for longâ€term antibiotic treatment. Apmis, 2017, 125, 385-391. | 0.9 | 13 |
| 117 | Secretory IgA response against Pseudomonas aeruginosa in the upper airways and the link with chronic lung infection in cystic fibrosis. Pathogens and Disease, 2017, 75, . | 0.8 | 13 |
| 118 | Immune Modulating Topical S100A8/A9 Inhibits Growth of Pseudomonas aeruginosa and Mitigates Biofilm Infection in Chronic Wounds. International Journal of Molecular Sciences, 2017, 18, 1359. | 1.8 | 13 |
| 119 | Secretory IgA-mediated immune response in saliva and early detection of Pseudomonas aeruginosa in the lower airways of pediatric cystic fibrosis patients. Medical Microbiology and Immunology, 2019, 208, 205-213. | 2.6 | 13 |
| 120 | Optimization of colistin dosing regimen for cystic fibrosis patients with chronic Pseudomonas aeruginosa biofilm lung infections. Pediatric Pulmonology, 2019, 54, 575-580. | 1.0 | 13 |
| 121 | High levels of complement-activation capacity in sera from patients with cystic fibrosis correlate with high levels of IgG3 antibodies toPseudomonas aeruginosa antigens and poor lung function. Pediatric Pulmonology, 1995, 20, 71-77. | 1.0 | 12 |
| 122 | Activation of pulmonary and lymph node dendritic cells during chronic Pseudomonas aeruginosa lung infection in mice. Apmis, 2016, 124, 500-507. | 0.9 | 12 |
| 123 | Lack of the Major Multifunctional Catalase KatA in Pseudomonas aeruginosa Accelerates Evolution of Antibiotic Resistance in Ciprofloxacin-Treated Biofilms. Antimicrobial Agents and Chemotherapy, 2019, 63, . | 1.4 | 12 |
| 124 | PRECIPITATING ANTIBODIES AGAINSTESCHERICHIA COLI, BACTEROIDES FRAGILIS SS. THETAIOTAOMICRONANDPSEUDOMONAS AERUGINOSAIN SERUM FROM NORMAL PERSONS AND CYSTIC FIBROSIS PATIENTS, DETERMINED BY MEANS OF CROSSED IMMUNOELECTROPHORESIS. Acta Paediatrica, International Journal of Paediatrics, 1979, 68, 495-500. | 0.7 | 11 |
| 125 | Antigenic analysis of Pseudomonas aeruginosa and Pseudomonas cepacia GroEL proteins and demonstration of a lipopolysaccharide-associated GroEL fraction in P. aeruginosa. Apmis, 1993, 101, 621-630. | 0.9 | 11 |
| 126 | Genome Sequence of Pseudomonas aeruginosa Strain DK1-NH57388A, a Stable Mucoid Cystic Fibrosis Isolate. Genome Announcements, 2016, 4, . | 0.8 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Adhesion of Yersinia enterocolitica to human epithelial cell lines and to rabbit and human small intestinal tissue. Apmis, 1990, 98, 53-60. | 0.9 | 10 |
| 128 | Oropharyngeal Candidiasis in Palliative Care Patients in Denmark. Journal of Palliative Medicine, 2015, 18, 940-944. | 0.6 | 10 |
| 129 | Combination and nanotechnology based pharmaceutical strategies for combating respiratory bacterial biofilm infections. International Journal of Pharmaceutics, 2022, 616, 121507. | 2.6 | 10 |
| 130 | Pseudomonas cepacia Septicemia in Patients with Burns: Report of Two Cases. Scandinavian Journal of Infectious Diseases, 1985, 17, 63-66. | 1.5 | 9 |
| 131 | Cloning and nucleotide sequence comparison of the groE operon of Pseudomonas aeruginosa and Burkholderia cepacia. Apmis, 1995, 103, 113-123. | 0.9 | 9 |
| 132 | Azithromycin potentiates avian IgY effect against Pseudomonas aeruginosa in a murine pulmonary infection model. International Journal of Antimicrobial Agents, 2021, 57, 106213. | 1.1 | 9 |
| 133 | Novel human inÂvitro vegetation simulation model for infective endocarditis. Apmis, 2021, 129, 653-662. | 0.9 | 9 |
| 134 | The Legionella micdadei flagellin: Expression in Escherichia coli K 12 and DNA sequence of the gene. Apmis, 1995, 103, 869-877. | 0.9 | 8 |
| 135 | Comparison of Amoxycillin/Clavulanate with Amoxycillin in Children and Adults with Chronic Obstructive Pulmonary Disease and Infection with Haemophilus influenzae. Scandinavian Journal of Infectious Diseases, 1988, 20, 517-524. | 1.5 | 7 |
| 136 | Experimental chronic Pseudomonas aeruginosa lung infection in rats. Apmis, 1995, 103, 367-374. | 0.9 | 7 |
| 137 | Synergistic effect of immunomodulatory S100A8/A9 and ciprofloxacin against Pseudomonas aeruginosa biofilm in a murine chronic wound model. Pathogens and Disease, 2020, 78, . | 0.8 | 7 |
| 138 | Primary ciliary dyskinesia patients have the same P. aeruginosa clone in sinuses and lungs. European Respiratory Journal, 2020, 55, 1901472. | 3.1 | 7 |
| 139 | Potential Advances of Adjunctive Hyperbaric Oxygen Therapy in Infective Endocarditis. Frontiers in Cellular and Infection Microbiology, 2022, 12, 805964. | 1.8 | 7 |
| 140 | Serological diagnosis of experimental Enterococcus faecalis endocarditis. Apmis, 1998, 106, 997-1008. | 0.9 | 6 |
| 141 | Evaluation of a bovine antibody test for diagnosingMycobacterium aviumcomplex in patients with cystic fibrosis. Pediatric Pulmonology, 2017, 52, 34-40. | 1.0 | 6 |
| 142 | Dynamics of a Staphylococcus aureus infective endocarditis simulation model. Apmis, 2022, 130, 515-523. | 0.9 | 6 |
| 143 | A Comparative Study of Amoxycillin and Pivampicillin in Persistent Haemophilus influenzae Infection of the Lower Respiratory Tract in Children with Chronic Lung Disease. Scandinavian Journal of Infectious Diseases, 1986, 18, 245-254. | 1.5 | 5 |
| 144 | Experimental studies of survival of anaerobic bacteria at 4Â°C and 22Â°C in two different transport systems. Apmis, 1992, 100, 1048-1052. | 0.9 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | CROSSED IMMUNOELECTROPHORETIC ANALYSIS OF NEISSERIA MENINGITIDIS ANTIGENS AND OF CORRESPONDING ANTIBODIES IN PATIENTS WITH MENINGOCOCCAL DISEASE. Acta Pathologica Et Microbiologica Scandinavica Section C, Immunology, 1978, 86C, 1-9. | 0.0 | 5 |
| 146 | IgG avidity to Pseudomonas aeruginosa over the course of chronic lung biofilm infection in cystic fibrosis. Journal of Cystic Fibrosis, 2018, 17, 356-359. | 0.3 | 5 |
| 147 | Next generation microbiology and cystic fibrosis diagnostics. Current Opinion in Pulmonary Medicine, 2018, 24, 599-605. | 1.2 | 5 |
| 148 | Pseudomonas aeruginosa antibody response in cystic fibrosis decreases rapidly following lung transplantation. Journal of Cystic Fibrosis, 2020, 19, 587-594. | 0.3 | 5 |
| 149 | Autologous fibrin sealant co-delivered with antibiotics is a robust method for topical antibiotic treatment after sinus surgery. Acta Oto-Laryngologica, 2021, 141, 181-186. | 0.3 | 5 |
| 150 | Distinct contribution of hyperbaric oxygen therapy to human neutrophil function and antibiotic efficacy against Staphylococcus aureus. Apmis, 2021, 129, 566-573. | 0.9 | 5 |
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