

Peter Åstrup Jensen

List of Publications by Year in descending order

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Version: 2024-02-01

141
papers

12,658
citations

30070

54
h-index

25787

108
g-index

147
all docs

147
docs citations

147
times ranked

11652
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Why chronic wounds will not heal: a novel hypothesis. <i>Wound Repair and Regeneration</i> , 2008, 16, 2-10. | 3.0 | 734 |
| 2 | <i>Pseudomonas aeruginosa</i> biofilms in the respiratory tract of cystic fibrosis patients. <i>Pediatric Pulmonology</i> , 2009, 44, 547-558. | 2.0 | 685 |
| 3 | The clinical impact of bacterial biofilms. <i>International Journal of Oral Science</i> , 2011, 3, 55-65. | 8.6 | 663 |
| 4 | The in vivo biofilm. <i>Trends in Microbiology</i> , 2013, 21, 466-474. | 7.7 | 603 |
| 5 | Distribution, Organization, and Ecology of Bacteria in Chronic Wounds. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2717-2722. | 3.9 | 453 |
| 6 | <i>Pseudomonas aeruginosa</i> tolerance to tobramycin, hydrogen peroxide and polymorphonuclear leukocytes is quorum-sensing dependent. <i>Microbiology (United Kingdom)</i> , 2005, 151, 373-383. | 1.8 | 451 |
| 7 | Ajoene, a Sulfur-Rich Molecule from Garlic, Inhibits Genes Controlled by Quorum Sensing. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2314-2325. | 3.2 | 383 |
| 8 | Garlic blocks quorum sensing and promotes rapid clearing of pulmonary <i>Pseudomonas aeruginosa</i> infections. <i>Microbiology (United Kingdom)</i> , 2005, 151, 3873-3880. | 1.8 | 381 |
| 9 | Rapid necrotic killing of polymorphonuclear leukocytes is caused by quorum-sensing-controlled production of rhamnolipid by <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 1329-1338. | 1.8 | 362 |
| 10 | Biofilms in chronic infections – a matter of opportunity – monospecies biofilms in multispecies infections. <i>FEMS Immunology and Medical Microbiology</i> , 2010, 59, 324-336. | 2.7 | 351 |
| 11 | Effects of Antibiotics on Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3648-3663. | 3.2 | 316 |
| 12 | Tolerance and resistance of microbial biofilms. <i>Nature Reviews Microbiology</i> , 2022, 20, 621-635. | 28.6 | 316 |
| 13 | Extracellular DNA Shields against Aminoglycosides in <i>Pseudomonas aeruginosa</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2352-2361. | 3.2 | 283 |
| 14 | Role of Multicellular Aggregates in Biofilm Formation. <i>MBio</i> , 2016, 7, e00237. | 4.1 | 272 |
| 15 | Antimicrobial resistance, respiratory tract infections and role of biofilms in lung infections in cystic fibrosis patients. <i>Advanced Drug Delivery Reviews</i> , 2015, 85, 7-23. | 13.7 | 250 |
| 16 | Phenotypes of Non-Attached <i>Pseudomonas aeruginosa</i> Aggregates Resemble Surface Attached Biofilm. <i>PLoS ONE</i> , 2011, 6, e27943. | 2.5 | 245 |
| 17 | Quorum Sensing and Virulence of <i>Pseudomonas aeruginosa</i> during Lung Infection of Cystic Fibrosis Patients. <i>PLoS ONE</i> , 2010, 5, e10115. | 2.5 | 217 |
| 18 | <i>Pseudomonas aeruginosa</i> recognizes and responds aggressively to the presence of polymorphonuclear leukocytes. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3500-3508. | 1.8 | 207 |

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|----|--|-----|-----------|
| 19 | The immune system vs. <i>Pseudomonas aeruginosa</i> biofilms. FEMS Immunology and Medical Microbiology, 2010, 59, 292-305. | 2.7 | 201 |
| 20 | Silver against <i>Pseudomonas aeruginosa</i> biofilms. Apmis, 2007, 115, 921-928. | 2.0 | 178 |
| 21 | Inactivation of the <i>rhlA</i> gene in <i>Pseudomonas aeruginosa</i> prevents rhamnolipid production, disabling the protection against polymorphonuclear leukocytes. Apmis, 2009, 117, 537-546. | 2.0 | 177 |
| 22 | Polymorphonuclear leucocytes consume oxygen in sputum from chronic <i>Pseudomonas aeruginosa</i> pneumonia in cystic fibrosis. Thorax, 2010, 65, 57-62. | 5.6 | 167 |
| 23 | Antimicrobial Tolerance and Metabolic Adaptations in Microbial Biofilms. Trends in Microbiology, 2019, 27, 850-863. | 7.7 | 166 |
| 24 | Novel Mouse Model of Chronic <i>Pseudomonas aeruginosa</i> Lung Infection Mimicking Cystic Fibrosis. Infection and Immunity, 2005, 73, 2504-2514. | 2.2 | 158 |
| 25 | Polymorphonuclear Leukocytes Restrict Growth of <i>Pseudomonas aeruginosa</i> in the Lungs of Cystic Fibrosis Patients. Infection and Immunity, 2014, 82, 4477-4486. | 2.2 | 138 |
| 26 | Inflammation in <i>Achromobacter xylosoxidans</i> infected cystic fibrosis patients. Journal of Cystic Fibrosis, 2010, 9, 51-58. | 0.7 | 136 |
| 27 | Impact of <i>Pseudomonas aeruginosa</i> quorum sensing on biofilm persistence in an in vivo intraperitoneal foreign-body infection model. Microbiology (United Kingdom), 2007, 153, 2312-2320. | 1.8 | 124 |
| 28 | Antibiofilm Properties of Acetic Acid. Advances in Wound Care, 2015, 4, 363-372. | 5.1 | 118 |
| 29 | Biofilms and host response – helpful or harmful. Apmis, 2017, 125, 320-338. | 2.0 | 118 |
| 30 | An <i>in vitro</i> model of bacterial infections in wounds and other soft tissues. Apmis, 2010, 118, 156-164. | 2.0 | 109 |
| 31 | <i>Pseudomonas aeruginosa</i> Aggregate Formation in an Alginate Bead Model System Exhibits <i>In Vivo</i> -Like Characteristics. Applied and Environmental Microbiology, 2017, 83, . | 3.1 | 109 |
| 32 | Sublethal Ciprofloxacin Treatment Leads to Rapid Development of High-Level Ciprofloxacin Resistance during Long-Term Experimental Evolution of <i>Pseudomonas aeruginosa</i> . Antimicrobial Agents and Chemotherapy, 2013, 57, 4215-4221. | 3.2 | 103 |
| 33 | Improved outcome of chronic <i>Pseudomonas aeruginosa</i> lung infection is associated with induction of a Th1-dominated cytokine response. Clinical and Experimental Immunology, 2002, 127, 206-213. | 2.6 | 93 |
| 34 | Targeting quorum sensing in <i>Pseudomonas aeruginosa</i> biofilms: current and emerging inhibitors. Future Microbiology, 2013, 8, 901-921. | 2.0 | 92 |
| 35 | Nitrous Oxide Production in Sputum from Cystic Fibrosis Patients with Chronic <i>Pseudomonas aeruginosa</i> Lung Infection. PLoS ONE, 2014, 9, e84353. | 2.5 | 86 |
| 36 | Complete Genome Sequence of the Cystic Fibrosis Pathogen <i>Achromobacter xylosoxidans</i> NH44784-1996 Complies with Important Pathogenic Phenotypes. PLoS ONE, 2013, 8, e68484. | 2.5 | 85 |

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|----|--|------|-----------|
| 37 | Relative contribution of <i>Prevotella intermedia</i> and <i>Pseudomonas aeruginosa</i> to lung pathology in airways of patients with cystic fibrosis. <i>Thorax</i> , 2010, 65, 978-984. | 5.6 | 84 |
| 38 | The importance of understanding the infectious microenvironment. <i>Lancet Infectious Diseases</i> , The, 2022, 22, e88-e92. | 9.1 | 78 |
| 39 | Formation of hydroxyl radicals contributes to the bactericidal activity of ciprofloxacin against <i>Pseudomonas aeruginosa</i> biofilms. <i>Pathogens and Disease</i> , 2014, 70, 440-443. | 2.0 | 76 |
| 40 | In vitro screens for quorum sensing inhibitors and in vivo confirmation of their effect. <i>Nature Protocols</i> , 2010, 5, 282-293. | 12.0 | 72 |
| 41 | Use of Oxygen Therapies in Wound Healing. <i>Journal of Wound Care</i> , 2017, 26, S1-S43. | 1.2 | 72 |
| 42 | Decreased mucosal oxygen tension in the maxillary sinuses in patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2011, 10, 114-120. | 0.7 | 70 |
| 43 | Immune Responses to <i>Pseudomonas aeruginosa</i> Biofilm Infections. <i>Frontiers in Immunology</i> , 2021, 12, 625597. | 4.8 | 70 |
| 44 | Changing bone marrow micro-environment during development of acute myeloid leukaemia in rats. <i>British Journal of Haematology</i> , 1998, 102, 458-464. | 2.5 | 69 |
| 45 | Diagnosis of biofilm infections in cystic fibrosis patients. <i>Apmis</i> , 2017, 125, 339-343. | 2.0 | 69 |
| 46 | Physiological levels of nitrate support anoxic growth by denitrification of <i>Pseudomonas aeruginosa</i> at growth rates reported in cystic fibrosis lungs and sputum. <i>Frontiers in Microbiology</i> , 2014, 5, 554. | 3.5 | 68 |
| 47 | Reinforcement of the bactericidal effect of ciprofloxacin on <i>Pseudomonas aeruginosa</i> biofilm by hyperbaric oxygen treatment. <i>International Journal of Antimicrobial Agents</i> , 2016, 47, 163-167. | 2.5 | 68 |
| 48 | Increased cellular hypoxia and reduced proliferation of both normal and leukaemic cells during progression of acute myeloid leukaemia in rats. <i>Cell Proliferation</i> , 2000, 33, 381-395. | 5.3 | 65 |
| 49 | Interactions between Polymorphonuclear Leukocytes and <i>Pseudomonas aeruginosa</i> Biofilms on Silicone Implants <i>In Vivo</i> . <i>Infection and Immunity</i> , 2012, 80, 2601-2607. | 2.2 | 65 |
| 50 | Probiotic <i>Lactobacillus reuteri</i> has antifungal effects on oral <i>Candida</i> species <i>in vitro</i> . <i>Journal of Oral Microbiology</i> , 2017, 9, 1274582. | 2.7 | 64 |
| 51 | The Inoculation Method Could Impact the Outcome of Microbiological Experiments. <i>Applied and Environmental Microbiology</i> , 2018, 84, . | 3.1 | 62 |
| 52 | Microenvironmental characteristics and physiology of biofilms in chronic infections of CF patients are strongly affected by the host immune response. <i>Apmis</i> , 2017, 125, 276-288. | 2.0 | 60 |
| 53 | Thermal injury induces impaired function in polymorphonuclear neutrophil granulocytes and reduced control of burn wound infection. <i>Clinical and Experimental Immunology</i> , 2009, 156, 102-110. | 2.6 | 59 |
| 54 | Lactate in cystic fibrosis sputum. <i>Journal of Cystic Fibrosis</i> , 2011, 10, 37-44. | 0.7 | 59 |

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|----|---|-----|-----------|
| 55 | The Consequences of Being in an Infectious Biofilm: Microenvironmental Conditions Governing Antibiotic Tolerance. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2688. | 4.1 | 59 |
| 56 | <i>Pseudomonas aeruginosa</i> biofilm aggravates skin inflammatory response in BALB/c mice in a novel chronic wound model. <i>Wound Repair and Regeneration</i> , 2013, 21, 292-299. | 3.0 | 58 |
| 57 | Bacterial biofilms predominate in both acute and chronic human lung infections. <i>Thorax</i> , 2022, 77, 1015-1022. | 5.6 | 57 |
| 58 | Bactericidal effect of colistin on planktonic <i>Pseudomonas aeruginosa</i> is independent of hydroxyl radical formation. <i>International Journal of Antimicrobial Agents</i> , 2014, 43, 140-147. | 2.5 | 56 |
| 59 | A Highly Selective CCR2 Chemokine Agonist Encoded by Human Herpesvirus 6. <i>Journal of Biological Chemistry</i> , 2003, 278, 10928-10933. | 3.4 | 53 |
| 60 | Serum concentrations of GM-CSF and G-CSF correlate with the Th1/Th2 cytokine response in cystic fibrosis patients with chronic <i>Pseudomonas aeruginosa</i> lung infection. <i>Apmis</i> , 2005, 113, 400-409. | 2.0 | 53 |
| 61 | Biological Trojan Horse: Antigen 43 Provides Specific Bacterial Uptake and Survival in Human Neutrophils. <i>Infection and Immunity</i> , 2007, 75, 30-34. | 2.2 | 50 |
| 62 | Multiple roles of <i>Pseudomonas aeruginosa</i> TBCF10839 PilY1 in motility, transport and infection. <i>Molecular Microbiology</i> , 2009, 71, 730-747. | 2.5 | 50 |
| 63 | Antibiotic penetration and bacterial killing in a <i>Pseudomonas aeruginosa</i> biofilm model. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2057-2063. | 3.0 | 50 |
| 64 | The Implication of <i>Pseudomonas aeruginosa</i> Biofilms in Infections. <i>Inflammation and Allergy: Drug Targets</i> , 2011, 10, 141-157. | 1.8 | 48 |
| 65 | Novel experimental <i>Pseudomonas aeruginosa</i> lung infection model mimicking long-term host-pathogen interactions in cystic fibrosis. <i>Apmis</i> , 2009, 117, 95-107. | 2.0 | 47 |
| 66 | Exhaled Breath Analysis Using Electronic Nose in Cystic Fibrosis and Primary Ciliary Dyskinesia Patients with Chronic Pulmonary Infections. <i>PLoS ONE</i> , 2014, 9, e115584. | 2.5 | 45 |
| 67 | Anti- <i>Pseudomonas aeruginosa</i> IgY antibodies augment bacterial clearance in a murine pneumonia model. <i>Journal of Cystic Fibrosis</i> , 2016, 15, 171-178. | 0.7 | 44 |
| 68 | Hyperbaric Oxygen Sensitizes Anoxic <i>Pseudomonas aeruginosa</i> Biofilm to Ciprofloxacin. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, . | 3.2 | 44 |
| 69 | Hyperbaric oxygen therapy augments tobramycin efficacy in experimental <i>Staphylococcus aureus</i> endocarditis. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 406-412. | 2.5 | 44 |
| 70 | Antibiotic therapy as personalized medicine – general considerations and complicating factors. <i>Apmis</i> , 2019, 127, 361-371. | 2.0 | 44 |
| 71 | The origin of extracellular DNA in bacterial biofilm infections <i>in vivo</i> . <i>Pathogens and Disease</i> , 2020, 78, . | 2.0 | 42 |
| 72 | Nitric oxide production by polymorphonuclear leucocytes in infected cystic fibrosis sputum consumes oxygen. <i>Clinical and Experimental Immunology</i> , 2014, 177, 310-319. | 2.6 | 40 |

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|----|--|------|-----------|
| 73 | Diffusion Retardation by Binding of Tobramycin in an Alginate Biofilm Model. PLoS ONE, 2016, 11, e0153616. | 2.5 | 40 |
| 74 | Bacterial aggregate size determines phagocytosis efficiency of polymorphonuclear leukocytes. Medical Microbiology and Immunology, 2020, 209, 669-680. | 4.8 | 38 |
| 75 | Anti-Pseudomonas aeruginosa IgY Antibodies Induce Specific Bacterial Aggregation and Internalization in Human Polymorphonuclear Neutrophils. Infection and Immunity, 2015, 83, 2686-2693. | 2.2 | 37 |
| 76 | 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. | 6.4 | 37 |
| 77 | Increased serum concentration of G-CSF in cystic fibrosis patients with chronic Pseudomonas aeruginosa pneumonia. Journal of Cystic Fibrosis, 2006, 5, 145-151. | 0.7 | 36 |
| 78 | Denitrification by cystic fibrosis pathogens – Stenotrophomonas maltophilia is dormant in sputum. International Journal of Medical Microbiology, 2015, 305, 1-10. | 3.6 | 34 |
| 79 | Increased bactericidal activity of colistin on Pseudomonas aeruginosa biofilms in anaerobic conditions. Pathogens and Disease, 2016, 74, ftv086. | 2.0 | 34 |
| 80 | Mechanisms of humoral immune response against Pseudomonas aeruginosa biofilm infection in cystic fibrosis. Journal of Cystic Fibrosis, 2018, 17, 143-152. | 0.7 | 34 |
| 81 | Flow cytometric measurement of RNA synthesis using bromouridine labelling and bromodeoxyuridine antibodies. Cytometry, 1993, 14, 455-458. | 1.8 | 32 |
| 82 | The effect of short-term, high-dose oral N-acetylcysteine treatment on oxidative stress markers in cystic fibrosis patients with chronic P. aeruginosa infection – A pilot study. Journal of Cystic Fibrosis, 2015, 14, 211-218. | 0.7 | 31 |
| 83 | Reactive oxygen species inhibit catalytic activity of peptidylarginine deiminase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 1203-1208. | 5.2 | 29 |
| 84 | Implants induce a new niche for microbiomes. Apms, 2018, 126, 685-692. | 2.0 | 28 |
| 85 | Improving antibiotic treatment of bacterial biofilm by hyperbaric oxygen therapy: Not just hot air. Biofilm, 2019, 1, 100008. | 3.8 | 28 |
| 86 | Faster activation of polymorphonuclear neutrophils in resistant mice during early innate response to Pseudomonas aeruginosa lung infection. Clinical and Experimental Immunology, 2004, 137, 478-485. | 2.6 | 27 |
| 87 | Bead-size directed distribution of Pseudomonas aeruginosa results in distinct inflammatory response in a mouse model of chronic lung infection. Clinical and Experimental Immunology, 2012, 170, 222-230. | 2.6 | 27 |
| 88 | Anti-Pseudomonas aeruginosa IgY antibodies promote bacterial opsonization and augment the phagocytic activity of polymorphonuclear neutrophils. Human Vaccines and Immunotherapeutics, 2016, 12, 1-10. | 3.3 | 24 |
| 89 | Delayed neutrophil recruitment allows nascent Staphylococcus aureus biofilm formation and immune evasion. Biomaterials, 2021, 275, 120775. | 11.4 | 24 |
| 90 | Hyperbaric oxygen treatment increases killing of aggregating Pseudomonas aeruginosa isolates from cystic fibrosis patients. Journal of Cystic Fibrosis, 2019, 18, 657-664. | 0.7 | 24 |

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|-----|--|-----|-----------|
| 91 | Development of a rechargeable optical hydrogen peroxide sensor – sensor design and biological application. <i>Analyst</i> , The, 2016, 141, 4332-4339. | 3.5 | 23 |
| 92 | The Extracellular Polysaccharide Matrix of <i>Pseudomonas aeruginosa</i> Biofilms Is a Determinant of Polymorphonuclear Leukocyte Responses. <i>Infection and Immunity</i> , 2020, 89, . | 2.2 | 22 |
| 93 | Augmented effect of early antibiotic treatment in mice with experimental lung infections due to sequentially adapted mucoid strains of <i>Pseudomonas aeruginosa</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 1241-1250. | 3.0 | 21 |
| 94 | Modelling of ciprofloxacin killing enhanced by hyperbaric oxygen treatment in <i>Pseudomonas aeruginosa</i> PAO1 biofilms. <i>PLoS ONE</i> , 2018, 13, e0198909. | 2.5 | 21 |
| 95 | The structure–function relationship of <i>Pseudomonas aeruginosa</i> in infections and its influence on the microenvironment. <i>FEMS Microbiology Reviews</i> , 2022, 46, . | 8.6 | 19 |
| 96 | <i>Pseudomonas aeruginosa</i> biofilm hampers murine central wound healing by suppression of vascular epithelial growth factor. <i>International Wound Journal</i> , 2018, 15, 123-132. | 2.9 | 18 |
| 97 | Adjunctive dabigatran therapy improves outcome of experimental left-sided <i>Staphylococcus aureus</i> endocarditis. <i>PLoS ONE</i> , 2019, 14, e0215333. | 2.5 | 18 |
| 98 | Biofilms of <i>Mycobacterium abscessus</i> Complex Can Be Sensitized to Antibiotics by Disaggregation and Oxygenation. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, . | 3.2 | 17 |
| 99 | Chronic <i>Pseudomonas aeruginosa</i> Biofilm Infection Impairs Murine S100A8/A9 and Neutrophil Effector Cytokines – Implications for Delayed Wound Closure?. <i>Pathogens and Disease</i> , 2017, 75, . | 2.0 | 16 |
| 100 | Poor Antioxidant Status Exacerbates Oxidative Stress and Inflammatory Response to <i>Pseudomonas aeruginosa</i> Lung Infection in Guinea Pigs. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 110, 353-358. | 2.5 | 15 |
| 101 | Genetical Analysis of All Danish Patients Diagnosed with Chronic Granulomatous Disease. <i>Scandinavian Journal of Immunology</i> , 2012, 76, 505-511. | 2.7 | 14 |
| 102 | Human immune cell mobilization during exercise: effect of IL-6 receptor blockade. <i>Experimental Physiology</i> , 2020, 105, 2086-2098. | 2.0 | 14 |
| 103 | Discrimination of bromodeoxyuridine labelled and unlabelled mitotic cells in flow cytometric bromodeoxyuridine/DNA analysis. <i>Cytometry</i> , 1994, 15, 154-161. | 1.8 | 13 |
| 104 | Immune Modulating Topical S100A8/A9 Inhibits Growth of <i>Pseudomonas aeruginosa</i> and Mitigates Biofilm Infection in Chronic Wounds. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1359. | 4.1 | 13 |
| 105 | Activation of pulmonary and lymph node dendritic cells during chronic <i>Pseudomonas aeruginosa</i> lung infection in mice. <i>Apmis</i> , 2016, 124, 500-507. | 2.0 | 12 |
| 106 | Nitric-oxide-driven oxygen release in anoxic <i>Pseudomonas aeruginosa</i> . <i>iScience</i> , 2021, 24, 103404. | 4.1 | 12 |
| 107 | Flow Cytometric Measurement of Rna Synthesis Based on Bromouridine Labelling and Combined with Measurement of Dna Content or Cell Surface Antigen. <i>Acta Oncologica</i> , 1993, 32, 521-524. | 1.8 | 11 |
| 108 | Cytokine and surface receptor diversity of NK cells in resistant C3H/HeN and susceptible BALB/c mice with chronic <i>Pseudomonas aeruginosa</i> lung infection. <i>Apmis</i> , 2003, 111, 891-897. | 2.0 | 11 |

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|-----|--|-----|-----------|
| 109 | Oxygen Restriction Generates Difficult-to-Culture <i>P. aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1992. | 3.5 | 11 |
| 110 | Markers of bone turnover are reduced in patients with CF related diabetes; the role of glucose. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 436-441. | 0.7 | 11 |
| 111 | Extracellular hydrogen peroxide measurements using a flow injection system in combination with microdialysis probes – Potential and challenges. <i>Free Radical Biology and Medicine</i> , 2018, 128, 111-123. | 2.9 | 10 |
| 112 | The inflamed sputum in lower respiratory tract infection: L-lactate levels are correlated to neutrophil accumulation. <i>Apmis</i> , 2019, 127, 72-79. | 2.0 | 8 |
| 113 | Soluble ICAM-1 is modulated by hyperbaric oxygen treatment and correlates with disease severity and mortality in patients with necrotizing soft-tissue infection. <i>Journal of Applied Physiology</i> , 2021, 130, 729-736. | 2.5 | 8 |
| 114 | Hyperbaric oxygen treatment impacts oxidative stress markers in patients with necrotizing soft-tissue infection. <i>Journal of Investigative Medicine</i> , 2021, 69, 1330-1338. | 1.6 | 8 |
| 115 | Prevalence of biofilms in acute infections challenges a longstanding paradigm. <i>Biofilm</i> , 2022, 4, 100080. | 3.8 | 8 |
| 116 | Flow Cytometric Analysis of RNA Synthesis by Detection of Bromouridine Incorporation. <i>Current Protocols in Cytometry</i> , 2000, 12, Unit 7.12. | 3.7 | 7 |
| 117 | Catalase Protects Biofilm of <i>Staphylococcus aureus</i> against Daptomycin Activity. <i>Antibiotics</i> , 2021, 10, 511. | 3.7 | 7 |
| 118 | Potential Advances of Adjunctive Hyperbaric Oxygen Therapy in Infective Endocarditis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 805964. | 3.9 | 7 |
| 119 | Efficacy of a synthetic antimicrobial peptidomimetic versus vancomycin in a <i>Staphylococcus epidermidis</i> device-related murine peritonitis model. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2106-2110. | 3.0 | 6 |
| 120 | Neutrophil count in sputum is associated with increased sputum glucose and sputum L-lactate in cystic fibrosis. <i>PLoS ONE</i> , 2020, 15, e0238524. | 2.5 | 6 |
| 121 | <i>Plasmodium falciparum</i> avoids change in erythrocytic surface expression of phagocytosis markers during inhibition of nitric oxide synthase activity. <i>Molecular and Biochemical Parasitology</i> , 2014, 198, 29-36. | 1.1 | 5 |
| 122 | Distinct contribution of hyperbaric oxygen therapy to human neutrophil function and antibiotic efficacy against <i>Staphylococcus aureus</i> . <i>Apmis</i> , 2021, 129, 566-573. | 2.0 | 5 |
| 123 | Animal models of chronic and recurrent <i>Pseudomonas aeruginosa</i> lung infection – significance of macrolide treatment.. <i>Apmis</i> , 2021, , . | 2.0 | 5 |
| 124 | Revival of Krebs-Ringer balanced salt solution for the investigation of polymorphonuclear leukocytes and <i>Pseudomonas aeruginosa</i> biofilm interaction. <i>Pathogens and Disease</i> , 2019, 77, . | 2.0 | 4 |
| 125 | <i>Lactobacillus rhamnosus</i> strains of oral and vaginal origin show strong antifungal activity in vitro. <i>Journal of Oral Microbiology</i> , 2020, 12, 1832832. | 2.7 | 4 |
| 126 | ^{64}Cu -DOTATATE Positron Emission Tomography (PET) of <i>Borrelia burgdorferi</i> Infection: In Vivo Imaging of Macrophages in Experimental Model of Lyme Arthritis. <i>Diagnostics</i> , 2020, 10, 790. | 2.6 | 3 |

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|-----|--|-----|-----------|
| 127 | Pseudomonas aeruginosa Biofilms in the Lungs of Cystic Fibrosis Patients. , 2011, , 167-184. | | 3 |
| 128 | Analysis of RNA synthesis by cytometry. Methods in Cell Biology, 2001, 64, 129-138. | 1.1 | 2 |
| 129 | High resolution DNA flow cytometry of boar sperm cells in identification of boars carrying cytogenetic aberrations. Theriogenology, 2004, 62, 501-511. | 2.1 | 2 |
| 130 | The synthetic antimicrobial peptide LTX 21 induces inflammatory responses in a human whole blood model and a murine peritoneum model. Apmis, 2019, 127, 475-483. | 2.0 | 2 |
| 131 | Adaptive Immune Responses and Biofilm Infections. , 2011, , 201-214. | | 2 |
| 132 | Staphylococcus aureus Augments Release of Matrix Metalloproteinase-8 from Human PolymorphoÅnuclear Leukocytes. Acta Dermato-Venereologica, 2020, 100, adv00232. | 1.3 | 2 |
| 133 | Endotracheal lactate reflects lower respiratory tract infections and inflammation in intubated patients. Apmis, 2022, , . | 2.0 | 1 |
| 134 | A novel Borrelia-specific real-time PCR assay is not suitable for diagnosing Lyme neuroborreliosis. Ticks and Tick-borne Diseases, 2022, 13, 101971. | 2.7 | 1 |
| 135 | Increased sputum lactate during oral glucose tolerance test in cystic fibrosis. Apmis, 0, , . | 2.0 | 1 |
| 136 | Heading for centennial anniversary and beyond. Apmis, 2017, 125, 1133-1133. | 2.0 | 0 |
| 137 | In memoriam Elisabeth RalfkiÃr 30.10.1950â€“11.07.2020. Apmis, 2020, 128, 541-542. | 2.0 | 0 |
| 138 | Misleading mental models: Ceci nâ€™est pas un biofilm. Apmis, 2021, 129, 577-578. | 2.0 | 0 |
| 139 | Innate Immune Response to Infectious Biofilms. , 2011, , 185-200. | | 0 |
| 140 | Oxygen consumption by polymorphonuclear leukocytes in sputum from patients with acute lower respiratory tract infection. , 2017, , . | | 0 |
| 141 | Adaptive Immune Response to Mycobacterium abscessus Complex (MABSC) in Cystic Fibrosis and the Implications of Cross-Reactivity. Frontiers in Cellular and Infection Microbiology, 2022, 12, 858398. | 3.9 | 0 |