

# Ranjani Somayaji

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

5,294  
citations

293460

24  
h-index

107981

68  
g-index

85  
all docs

85  
docs citations

85  
times ranked

9407  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Mathematical model of the cost-effectiveness of the BioFire FilmArray Blood Culture Identification (BCID) Panel molecular rapid diagnostic test compared with conventional methods for identification of <i>Escherichia coli</i> bloodstream infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 507-516. | 1.3 | 9         |
| 2  | A longitudinal population-based study of predictors of mortality from bloodstream infections in Calgary, Alberta, Canada. <i>Future Microbiology</i> , 2022, 17, 17-25.  | 1.0 | 0         |
| 3  | Just breathe: a review of sex and gender in chronic lung disease. <i>European Respiratory Review</i> , 2022, 31, 210111.   | 3.0 | 32        |
| 4  | Human papillomavirus (HPV) and cervical dysplasia in adult female cystic fibrosis (CF) lung transplant recipients. <i>Thorax</i> , 2022, 77, 625-627.  | 2.7 | 7         |
| 5  | Antimicrobial Stewardship in Wound Care. <i>Advances in Skin and Wound Care</i> , 2022, 35, 405-407.   | 0.5 | 0         |
| 6  | Lymphocutaneous spread of <i>Mycobacterium elephantis</i> in an immunocompetent individual: A case report. <i>SAGE Open Medical Case Reports</i> , 2021, 9, 2050313X2110349.   | 0.2 | 0         |
| 7  | Forgoing transesophageal echocardiogram in selected patients with complicated <i>Staphylococcus aureus</i> bacteremia. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 623-631.   | 1.3 | 4         |
| 8  | Rifampin-resistant/multidrug-resistant Tuberculosis in Alberta, Canada: Epidemiology and treatment outcomes in a low-incidence setting. <i>PLoS ONE</i> , 2021, 16, e0246993.  | 1.1 | 2         |
| 9  | Azithromycin and the microbiota of cystic fibrosis sputum. <i>BMC Microbiology</i> , 2021, 21, 96.   | 1.3 | 14        |
| 10 | Glycated Albumin Triggers an Inflammatory Response in the Human Airway Epithelium and Causes an Increase in Ciliary Beat Frequency. <i>Frontiers in Physiology</i> , 2021, 12, 653177.   | 1.3 | 4         |
| 11 | Characteristics and Outcomes of Children With Cystic Fibrosis Hospitalized With Cirrhosis in the United States. <i>American Journal of Gastroenterology</i> , 2021, 116, 1734-1737.  | 0.2 | 4         |
| 12 | Comparative Analysis of Molecular and Serologic Testing for Primary Syphilis: A Population-Based Cohort Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 579660.   | 1.8 | 5         |
| 13 | Platelets in Bronchiectasis: Player or Spectator?. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1287-1288.   | 1.5 | 1         |
| 14 | Age and sex-specific incidence rates of group A streptococcal pharyngitis between 2010 and 2018: a population-based study. <i>Future Microbiology</i> , 2021, 16, 1053-1062.   | 1.0 | 3         |
| 15 | Comparative clinical characteristics and outcomes of patients with community acquired bacteremia caused by <i>Escherichia coli</i> , <i>Burkholderia pseudomallei</i> and <i>Staphylococcus aureus</i> : A prospective observational study (Ubon-sepsis). <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009704.    | 1.3 | 7         |
| 16 | A Comprehensive Review of the Pathogenesis, Diagnosis, and Management of Diabetic Foot Infections. <i>Advances in Skin and Wound Care</i> , 2021, 34, 574-581.   | 0.5 | 15        |
| 17 | Evaluating hemoptysis hospitalizations among patients with bronchiectasis in the United States: a population-based cohort study. <i>BMC Pulmonary Medicine</i> , 2021, 21, 392.  | 0.8 | 8         |
| 18 | Healthcare workers' perception of gender and work roles during the COVID-19 pandemic: a mixed-methods study. <i>BMJ Open</i> , 2021, 11, e056434.  | 0.8 | 11        |

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|----|---|------|-----------|
| 19 | Pulmonary Outcomes Associated with Long-Term Azithromycin Therapy in Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 430-437.                                   | 2.5  | 50        |
| 20 | Clinical Outcomes Associated with <i>Burkholderia cepacia</i> Complex Infection in Patients with Cystic Fibrosis. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1542-1548.                         | 1.5  | 19        |
| 21 | Lack of nosocomial transmission to exposed inpatients and coworkers in an investigation of five SARS-CoV-2-infected healthcare workers. <i>Infection Control and Hospital Epidemiology</i> , 2020, 42, 1-2.     | 1.0  | 2         |
| 22 | Cystic fibrosis – Ten promising therapeutic approaches in the current era of care. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 1107-1124.  | 1.9  | 8         |
| 23 | Exploring Tropical Infections: A Focus on Scrub Typhus. <i>Advances in Skin and Wound Care</i> , 2020, 33, 550-552.   | 0.5  | 0         |
| 24 | Sputum microbiota in adults with CF associates with response to inhaled tobramycin. <i>Thorax</i> , 2020, 75, 1058-1064.  | 2.7  | 23        |
| 25 | Cystic Fibrosis Patients Infected With Epidemic <i>Pseudomonas aeruginosa</i> Strains Have Unique Microbial Communities. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 173.               | 1.8  | 8         |
| 26 | Clinical characteristics and outcomes for paediatric patients admitted with congenital or acquired syphilis: a population-based cohort study. <i>Sexually Transmitted Infections</i> , 2020, 96, 582-586.       | 0.8  | 2         |
| 27 | Prevalence and attributable health burden of chronic respiratory diseases, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine</i> , 2020, 8, 585-596. | 5.2  | 1,049     |
| 28 | Exploring Tropical Infections: A Focus on Cutaneous Larva Migrans. <i>Advances in Skin and Wound Care</i> , 2020, 33, 356-359.  | 0.5  | 7         |
| 29 | Incidence, treatment, and outcomes of isoniazid mono-resistant <i>Mycobacterium tuberculosis</i> infections in Alberta, Canada from 2007-2017. <i>PLoS ONE</i> , 2020, 15, e0229691.                            | 1.1  | 11        |
| 30 | Epidemiology of cardiac implantable electronic device infections in the United States: A population-based cohort study. <i>Heart Rhythm</i> , 2020, 17, 1125-1131.  | 0.3  | 24        |
| 31 | Underweight Patients With Cystic Fibrosis Have Acceptable Survival Following Lung Transplantation. <i>Chest</i> , 2020, 157, 898-906.   | 0.4  | 35        |
| 32 | Epidemiology of <i>E. coli</i> in Cystic Fibrosis Airways Demonstrates the Capacity for Persistent Infection but Not Patient-Patient Transmission. <i>Frontiers in Microbiology</i> , 2020, 11, 475.            | 1.5  | 6         |
| 33 | Canadian Burden of Skin Disease From 1990 to 2017: Results From the Global Burden of Disease 2017 Study. <i>Journal of Cutaneous Medicine and Surgery</i> , 2020, 24, 161-173.                                  | 0.6  | 15        |
| 34 | Update on the adverse effects of antimicrobial therapies in community practice. <i>Canadian Family Physician</i> , 2020, 66, 651-659.   | 0.1  | 15        |
| 35 | Epidemiology and Outcome Determinants of <i>Staphylococcus aureus</i> Bacteremia Revisited: A Population-Based Study. <i>Infection</i> , 2019, 47, 961-971.   | 2.3  | 26        |
| 36 | Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.  | 13.7 | 161       |

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|----|---|-----|-----------|
| 37 | LUNG TRANSPLANT CENTER-SPECIFIC PATIENT MIX AND WAITLIST OUTCOMES FOR CANDIDATES WITH CYSTIC FIBROSIS IN THE UNITED STATES. <i>Chest</i> , 2019, 156, A142-A143.  | 0.4 | 0         |
| 38 | Antimicrobial susceptibility testing (AST) and associated clinical outcomes in individuals with cystic fibrosis: A systematic review. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 236-243.  | 0.3 | 84        |
| 39 | Infectious diseases consultation improves key performance metrics in the management of <i>Staphylococcus aureus</i> bacteremia: A multicentre cohort study. <i>Jammi</i> , 2019, 4, 24-32.  | 0.3 | 2         |
| 40 | The effects of cycled inhaled aztreonam on the cystic fibrosis (CF) lung microbiome. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 829-837.   | 0.3 | 21        |
| 41 | Cytomegalovirus: an unrecognised potential contributor to cystic fibrosis disease progression?. <i>European Respiratory Journal</i> , 2019, 53, 1801727.  | 3.1 | 2         |
| 42 | Incidence, impact and natural history of <i>Klebsiella</i> species infections in cystic fibrosis: A longitudinal single center study. <i>Canadian Journal of Respiratory, Critical Care, and Sleep Medicine</i> , 2019, 3, 148-154. | 0.2 | 0         |
| 43 | Timing of device reimplantation and reinfection rates following cardiac implantable electronic device infection: a systematic review and meta-analysis. <i>BMJ Open</i> , 2019, 9, e029537.   | 0.8 | 11        |
| 44 | Early management of sepsis in medical patients in rural Thailand: a single-center prospective observational study. <i>Journal of Intensive Care</i> , 2019, 7, 55.  | 1.3 | 11        |
| 45 | Scratching the Surface: A Review of Dermatitis. <i>Advances in Skin and Wound Care</i> , 2019, 32, 542-549.   | 0.5 | 6         |
| 46 | Diagnosis and Management of Cutaneous Tinea Infections. <i>Advances in Skin and Wound Care</i> , 2019, 32, 350-357.   | 0.5 | 9         |
| 47 | Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine</i> , 2019, 7, 69-89.                 | 5.2 | 326       |
| 48 | Infrared Skin Thermometry: Validating and Comparing Techniques to Detect Periwound Skin Infection. <i>Advances in Skin and Wound Care</i> , 2018, 31, 607-611.  | 0.5 | 12        |
| 49 | Understanding the Role of <i>Staphylococcus aureus</i> in Non-Cystic Fibrosis Bronchiectasis: Where Are We Now?. <i>Annals of the American Thoracic Society</i> , 2018, 15, 310-311.  | 1.5 | 5         |
| 50 | Changing Rates of Chronic <i>Pseudomonas aeruginosa</i> Infections in Cystic Fibrosis: A Population-Based Cohort Study. <i>Clinical Infectious Diseases</i> , 2018, 67, 1089-1095.  | 2.9 | 47        |
| 51 | Epidemiology and trends of cryptococcosis in the United States from 2000 to 2007: A population-based study. <i>International Journal of STD and AIDS</i> , 2018, 29, 453-460.   | 0.5 | 23        |
| 52 | Comparative Effectiveness Research in Pediatric Respiratory Disease: Promise and Pitfalls. <i>Paediatric Drugs</i> , 2018, 20, 1-7.   | 1.3 | 3         |
| 53 | 1481. Clinical Outcomes of <i>Escherichia coli</i> Infections in Cystic Fibrosis (CF) Patients. <i>Open Forum Infectious Diseases</i> , 2018, 5, S458-S458.   | 0.4 | 1         |
| 54 | Global, regional, and national burden of meningitis, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology</i> , 2018, 17, 1061-1082.   | 4.9 | 221       |

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|----|---|-----|-----------|
| 55 | Clinical epidemiology and outcomes of community acquired infection and sepsis among hospitalized patients in a resource limited setting in Northeast Thailand: A prospective observational study (Ubon-sepsis). PLoS ONE, 2018, 13, e0204509.                                 | 1.1 | 30        |
| 56 | Estimates of the global, regional, and national morbidity, mortality, and aetiologies of lower respiratory infections in 195 countries, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Infectious Diseases, The, 2018, 18, 1191-1210. | 4.6 | 1,084     |
| 57 | Estimates of the global, regional, and national morbidity, mortality, and aetiologies of diarrhoea in 195 countries: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Infectious Diseases, The, 2018, 18, 1211-1228.                                 | 4.6 | 862       |
| 58 | Epidemiology, Biology, and Impact of Clonal Pseudomonas aeruginosa Infections in Cystic Fibrosis. Clinical Microbiology Reviews, 2018, 31, .  | 5.7 | 179       |
| 59 | Benefits of set length antibiotic treatment for pulmonary exacerbations. Lancet Respiratory Medicine,the, 2018, 6, 575-577.   | 5.2 | 0         |
| 60 | Epidemiology and natural history of <i>Pseudomonas aeruginosa</i> airway infections in non-cystic fibrosis bronchiectasis. ERJ Open Research, 2018, 4, 00162-2017.  | 1.1 | 14        |
| 61 | Sputum microbiota is predictive of long-term clinical outcomes in young adults with cystic fibrosis. Thorax, 2018, 73, 1016-1025.   | 2.7 | 65        |
| 62 | A Scoping Review of the Use of Silver-impregnated Dressings for the Treatment of Chronic Wounds. Ostomy - Wound Management, 2018, 64, 14-31.  | 0.8 | 6         |
| 63 | Effect of freezing sputum on Pseudomonas aeruginosa population heterogeneity. Journal of Cystic Fibrosis, 2017, 16, 353-357.  | 0.3 | 4         |
| 64 | Prosthetic joint and implant contamination caused by <i>Ralstonia pickettii</i> : a report of three cases. Sicot-j, 2017, 3, 32.  | 0.8 | 3         |
| 65 | Clinical Outcomes Associated with <i>Achromobacter</i> Species Infection in Patients with Cystic Fibrosis. Annals of the American Thoracic Society, 2017, 14, 1412-1418.  | 1.5 | 35        |
| 66 | The effects of inhaled aztreonam on the cystic fibrosis lung microbiome. Microbiome, 2017, 5, 51.   | 4.9 | 53        |
| 67 | Common clinical features of CF (respiratory disease and exocrine pancreatic insufficiency). Presse Medicale, 2017, 46, e109-e124.   | 0.8 | 10        |
| 68 | Cystic Fibrosis Pulmonary Exacerbations Attributable to Respiratory Syncytial Virus and Influenza: A Population-Based Study. Clinical Infectious Diseases, 2017, 64, 1760-1767.   | 2.9 | 44        |
| 69 | Long-term clinical outcomes of â€˜Prairie Epidemic Strainâ€™ <i>Pseudomonas aeruginosa</i> infection in adults with cystic fibrosis. Thorax, 2017, 72, 333-339.   | 2.7 | 17        |
| 70 | Examining sociodemographic risk factors for <i>Chlamydia trachomatis</i> infection: a population-based cohort study. Future Microbiology, 2017, 12, 1363-1370.  | 1.0 | 1         |
| 71 | Comparative Analysis of Incidence and Outcomes of Acute Hepatitis A (HAV) and B Virus Infections (HBV) in Children Aged 20 Years in the United States (US). Open Forum Infectious Diseases, 2017, 4, S245-S245.   | 0.4 | 0         |
| 72 | The impact of team based interprofessional comprehensive assessments on the diagnosis and management of diabetic foot ulcers: A retrospective cohort study. PLoS ONE, 2017, 12, e0185251.   | 1.1 | 19        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | Human infections due to <i>Staphylococcus pseudintermedius</i> , an emerging zoonosis of canine origin: report of 24 cases. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 85, 471-476.                            | 0.8 | 155       |
| 74 | Exploring <i>Staphylococcus pseudintermedius</i> : an emerging zoonotic pathogen?. <i>Future Microbiology</i> , 2016, 11, 1371-1374.  | 1.0 | 28        |
| 75 | Pilonidal Sinus Disease: 10 Steps to Optimize Care. <i>Advances in Skin and Wound Care</i> , 2016, 29, 469-478.   | 0.5 | 32        |
| 76 | Epidemic <i>Pseudomonas aeruginosa</i> infection in patients with cystic fibrosis is not a risk factor for poor clinical Outcomes following lung transplantation. <i>Journal of Cystic Fibrosis</i> , 2016, 15, 392-399.          | 0.3 | 20        |
| 77 | Clinical Implications of Group A <i>Streptococcus</i> (GAS) Infections in Adults With Cystic Fibrosis (CF). <i>Chest</i> , 2015, 148, 122A.   | 0.4 | 0         |
| 78 | Clinical implications and characterization of Group A <i>Streptococcus</i> infections in adults with cystic fibrosis. <i>BMC Pulmonary Medicine</i> , 2015, 15, 161.  | 0.8 | 10        |
| 79 | Cognitive load imposed by knobology may adversely affect learners' perception of utility in using ultrasonography to learn physical examination skills, but not anatomy. <i>Anatomical Sciences Education</i> , 2015, 8, 197-204. | 2.5 | 42        |
| 80 | Optimizing the Moisture Management Tightrope with Wound Bed Preparation 2015®. <i>Advances in Skin and Wound Care</i> , 2015, 28, 466-476.  | 0.5 | 40        |
| 81 | Reduction in <i>Pseudomonas aeruginosa</i> sputum density during a cystic fibrosis pulmonary exacerbation does not predict clinical response. <i>BMC Infectious Diseases</i> , 2015, 15, 145.                                     | 1.3 | 46        |
| 82 | Tobramycin inhalation powder: an efficient and efficacious therapy for the treatment of <i>Pseudomonas aeruginosa</i> infection in cystic fibrosis. <i>Therapeutic Delivery</i> , 2015, 6, 121-137.                               | 1.2 | 14        |
| 83 | Risk Factors for Infection Following Total Joint Arthroplasty in Rheumatoid Arthritis. <i>Open Rheumatology Journal</i> , 2013, 7, 119-124.   | 0.1 | 84        |
| 84 | Conjugation of arginine-glycine-aspartic acid peptides to thermoreversible N-isopropylacrylamide polymers. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3989-4000.  | 2.5 | 26        |