

Ranjani Somayaji

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

5,294
citations

257450

24
h-index

95266

68
g-index

85
all docs

85
docs citations

85
times ranked

8802
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 1191-1210.	9.1	1,084
2	Prevalence and attributable health burden of chronic respiratory diseases, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 585-596.	10.7	1,049
3	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. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 1211-1228.	9.1	862
4	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> , the, 2019, 7, 69-89.	10.7	326
5	Global, regional, and national burden of meningitis, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology</i> , The, 2018, 17, 1061-1082.	10.2	221
6	Epidemiology, Biology, and Impact of Clonal <i>Pseudomonas aeruginosa</i> Infections in Cystic Fibrosis. <i>Clinical Microbiology Reviews</i> , 2018, 31, .	13.6	179
7	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	27.8	161
8	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.	1.8	155
9	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.	0.7	84
10	Risk Factors for Infection Following Total Joint Arthroplasty in Rheumatoid Arthritis. <i>Open Rheumatology Journal</i> , 2013, 7, 119-124.	0.2	84
11	Sputum microbiota is predictive of long-term clinical outcomes in young adults with cystic fibrosis. <i>Thorax</i> , 2018, 73, 1016-1025.	5.6	65
12	The effects of inhaled aztreonam on the cystic fibrosis lung microbiome. <i>Microbiome</i> , 2017, 5, 51.	11.1	53
13	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.	5.6	50
14	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.	5.8	47
15	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.	2.9	46
16	Cystic Fibrosis Pulmonary Exacerbations Attributable to Respiratory Syncytial Virus and Influenza: A Population-Based Study. <i>Clinical Infectious Diseases</i> , 2017, 64, 1760-1767.	5.8	44
17	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.	3.7	42
18	Optimizing the Moisture Management Tightrope with Wound Bed Preparation 2015Â©. <i>Advances in Skin and Wound Care</i> , 2015, 28, 466-476.	1.0	40

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19	Clinical Outcomes Associated with <i>Achromobacter</i> Species Infection in Patients with Cystic Fibrosis. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1412-1418.	3.2	35
20	Underweight Patients With Cystic Fibrosis Have Acceptable Survival Following Lung Transplantation. <i>Chest</i> , 2020, 157, 898-906.	0.8	35
21	Pilonidal Sinus Disease: 10 Steps to Optimize Care. <i>Advances in Skin and Wound Care</i> , 2016, 29, 469-478.	1.0	32
22	Just breathe: a review of sex and gender in chronic lung disease. <i>European Respiratory Review</i> , 2022, 31, 210111.	7.1	32
23	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). <i>PLoS ONE</i> , 2018, 13, e0204509.	2.5	30
24	Exploring <i>Staphylococcus pseudintermedius</i> an emerging zoonotic pathogen?. <i>Future Microbiology</i> , 2016, 11, 1371-1374.	2.0	28
25	Conjugation of arginine-glycine-aspartic acid peptides to thermoreversible N-isopropylacrylamide polymers. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3989-4000.	2.3	26
26	Epidemiology and Outcome Determinants of <i>Staphylococcus aureus</i> Bacteremia Revisited: A Population-Based Study. <i>Infection</i> , 2019, 47, 961-971.	4.7	26
27	Epidemiology of cardiac implantable electronic device infections in the United States: A population-based cohort study. <i>Heart Rhythm</i> , 2020, 17, 1125-1131.	0.7	24
28	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.	1.1	23
29	Sputum microbiota in adults with CF associates with response to inhaled tobramycin. <i>Thorax</i> , 2020, 75, 1058-1064.	5.6	23
30	The effects of cycled inhaled aztreonam on the cystic fibrosis (CF) lung microbiome. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 829-837.	0.7	21
31	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.	0.7	20
32	The impact of team based interprofessional comprehensive assessments on the diagnosis and management of diabetic foot ulcers: A retrospective cohort study. <i>PLoS ONE</i> , 2017, 12, e0185251.	2.5	19
33	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.	3.2	19
34	Long-term clinical outcomes of "Prairie Epidemic Strain" <i>Pseudomonas aeruginosa</i> infection in adults with cystic fibrosis. <i>Thorax</i> , 2017, 72, 333-339.	5.6	17
35	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.	1.2	15
36	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.	1.0	15

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37	Update on the adverse effects of antimicrobial therapies in community practice. Canadian Family Physician, 2020, 66, 651-659.	0.4	15
38	Tobramycin inhalation powder: an efficient and efficacious therapy for the treatment of Pseudomonas aeruginosa infection in cystic fibrosis. Therapeutic Delivery, 2015, 6, 121-137.	2.2	14
39	Epidemiology and natural history of Pseudomonas aeruginosa airway infections in non-cystic fibrosis bronchiectasis. ERJ Open Research, 2018, 4, 00162-2017.	2.6	14
40	Azithromycin and the microbiota of cystic fibrosis sputum. BMC Microbiology, 2021, 21, 96.	3.3	14
41	Infrared Skin Thermometry: Validating and Comparing Techniques to Detect Periwound Skin Infection. Advances in Skin and Wound Care, 2018, 31, 607-611.	1.0	12
42	Timing of device reimplantation and reinfection rates following cardiac implantable electronic device infection: a systematic review and meta-analysis. BMJ Open, 2019, 9, e029537.	1.9	11
43	Early management of sepsis in medical patients in rural Thailand: a single-center prospective observational study. Journal of Intensive Care, 2019, 7, 55.	2.9	11
44	Incidence, treatment, and outcomes of isoniazid mono-resistant Mycobacterium tuberculosis infections in Alberta, Canada from 2007-2017. PLoS ONE, 2020, 15, e0229691.	2.5	11
45	Healthcare workers' perception of gender and work roles during the COVID-19 pandemic: a mixed-methods study. BMJ Open, 2021, 11, e056434.	1.9	11
46	Clinical implications and characterization of Group A Streptococcus infections in adults with cystic fibrosis. BMC Pulmonary Medicine, 2015, 15, 161.	2.0	10
47	Common clinical features of CF (respiratory disease and exocrine pancreatic insufficiency). Presse Medicale, 2017, 46, e109-e124.	1.9	10
48	Diagnosis and Management of Cutaneous Tinea Infections. Advances in Skin and Wound Care, 2019, 32, 350-357.	1.0	9
49	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 Escherichia coli bloodstream infections. Journal of Antimicrobial Chemotherapy, 2022, 77, 507-516.	3.0	9
50	Cystic fibrosis – Ten promising therapeutic approaches in the current era of care. Expert Opinion on Investigational Drugs, 2020, 29, 1107-1124.	4.1	8
51	Cystic Fibrosis Patients Infected With Epidemic Pseudomonas aeruginosa Strains Have Unique Microbial Communities. Frontiers in Cellular and Infection Microbiology, 2020, 10, 173.	3.9	8
52	Evaluating hemoptysis hospitalizations among patients with bronchiectasis in the United States: a population-based cohort study. BMC Pulmonary Medicine, 2021, 21, 392.	2.0	8
53	Exploring Tropical Infections: A Focus on Cutaneous Larva Migrans. Advances in Skin and Wound Care, 2020, 33, 356-359.	1.0	7
54	Comparative clinical characteristics and outcomes of patients with community acquired bacteremia caused by Escherichia coli, Burkholderia pseudomallei and Staphylococcus aureus: A prospective observational study (Ubon-sepsis). PLoS Neglected Tropical Diseases, 2021, 15, e0009704.	3.0	7

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55	Human papillomavirus (HPV) and cervical dysplasia in adult female cystic fibrosis (CF) lung transplant recipients. <i>Thorax</i> , 2022, 77, 625-627.	5.6	7
56	Scratching the Surface: A Review of Dermatitis. <i>Advances in Skin and Wound Care</i> , 2019, 32, 542-549.	1.0	6
57	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.	3.5	6
58	A Scoping Review of the Use of Silver-impregnated Dressings for the Treatment of Chronic Wounds. <i>Ostomy - Wound Management</i> , 2018, 64, 14-31.	0.8	6
59	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.	3.2	5
60	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.	3.9	5
61	Effect of freezing sputum on <i>Pseudomonas aeruginosa</i> population heterogeneity. <i>Journal of Cystic Fibrosis</i> , 2017, 16, 353-357.	0.7	4
62	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.	2.9	4
63	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.	2.8	4
64	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.	0.4	4
65	Prosthetic joint and implant contamination caused by <i>Ralstonia pickettii</i> : a report of three cases. <i>Sicot-j</i> , 2017, 3, 32.	1.8	3
66	Comparative Effectiveness Research in Pediatric Respiratory Disease: Promise and Pitfalls. <i>Paediatric Drugs</i> , 2018, 20, 1-7.	3.1	3
67	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.	2.0	3
68	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.	0.5	2
69	Cytomegalovirus: an unrecognised potential contributor to cystic fibrosis disease progression?. <i>European Respiratory Journal</i> , 2019, 53, 1801727.	6.7	2
70	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.	1.8	2
71	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.	1.9	2
72	Rifampin-resistant/multidrug-resistant Tuberculosis in Alberta, Canada: Epidemiology and treatment outcomes in a low-incidence setting. <i>PLoS ONE</i> , 2021, 16, e0246993.	2.5	2

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73	Examining sociodemographic risk factors for <i>Chlamydia trachomatis</i> infection: a population-based cohort study. <i>Future Microbiology</i> , 2017, 12, 1363-1370.	2.0	1
74	1481. Clinical Outcomes of <i>Escherichia coli</i> Infections in Cystic Fibrosis (CF) Patients. <i>Open Forum Infectious Diseases</i> , 2018, 5, S458-S458.	0.9	1
75	Platelets in Bronchiectasis: Player or Spectator?. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1287-1288.	3.2	1
76	Clinical Implications of Group A <i>Streptococcus</i> (GAS) Infections in Adults With Cystic Fibrosis (CF). <i>Chest</i> , 2015, 148, 122A.	0.8	0
77	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). <i>Open Forum Infectious Diseases</i> , 2017, 4, S245-S245.	0.9	0
78	Benefits of set length antibiotic treatment for pulmonary exacerbations. <i>Lancet Respiratory Medicine</i> , 2018, 6, 575-577.	10.7	0
79	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.	0.8	0
80	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.	0.5	0
81	Exploring Tropical Infections: A Focus on Scrub Typhus. <i>Advances in Skin and Wound Care</i> , 2020, 33, 550-552.	1.0	0
82	Lymphocutaneous spread of <i>Mycobacterium elephantis</i> in an immunocompetent individual: A case report. <i>SAGE Open Medical Case Reports</i> , 2021, 9, 2050313X2110349.	0.3	0
83	A longitudinal population-based study of predictors of mortality from bloodstream infections in Calgary, Alberta, Canada. <i>Future Microbiology</i> , 2022, 17, 17-25.	2.0	0
84	Antimicrobial Stewardship in Wound Care. <i>Advances in Skin and Wound Care</i> , 2022, 35, 405-407.	1.0	0