

Sören L Becker

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,187
citations

279701

23
h-index

254106

43
g-index

101
all docs

101
docs citations

101
times ranked

3661
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunogenicity and reactogenicity of heterologous ChAdOx1 nCoV-19/mRNA vaccination. <i>Nature Medicine</i> , 2021, 27, 1530-1535.	15.2	276
2	Global outbreak of severe <i>Mycobacterium chimaera</i> disease after cardiac surgery: a molecular epidemiological study. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 1033-1041.	4.6	198
3	Neglected tropical diseases: diagnosis, clinical management, treatment and control. <i>Swiss Medical Weekly</i> , 2012, 142, w13727.	0.8	181
4	The use of portable ultrasound devices in low- and middle-income countries: a systematic review of the literature. <i>Tropical Medicine and International Health</i> , 2016, 21, 294-311.	1.0	133
5	High levels of SARS-CoV-2-specific T cells with restricted functionality in severe courses of COVID-19. <i>JCI Insight</i> , 2020, 5, .	2.3	97
6	Comparison of community-wide, integrated mass drug administration strategies for schistosomiasis and soil-transmitted helminthiasis: a cost-effectiveness modelling study. <i>The Lancet Global Health</i> , 2015, 3, e629-e638.	2.9	92
7	Diagnosis, Clinical Features, and Self-Reported Morbidity of <i>Strongyloides stercoralis</i> and Hookworm Infection in a Co-Endemic Setting. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1292.	1.3	78
8	Persistent digestive disorders in the tropics: causative infectious pathogens and reference diagnostic tests. <i>BMC Infectious Diseases</i> , 2013, 13, 37.	1.3	69
9	Toward the 2020 goal of soil-transmitted helminthiasis control and elimination. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006606.	1.3	67
10	Update on Coagulase-Negative Staphylococci—What the Clinician Should Know. <i>Microorganisms</i> , 2021, 9, 830.	1.6	67
11	Antibiotic therapeutic drug monitoring in intensive care patients treated with different modalities of extracorporeal membrane oxygenation (ECMO) and renal replacement therapy: a prospective, observational single-center study. <i>Critical Care</i> , 2020, 24, 664.	2.5	52
12	Real-time PCR for detection of <i>Strongyloides stercoralis</i> in human stool samples from Côte d'Ivoire: Diagnostic accuracy, inter-laboratory comparison and patterns of hookworm co-infection. <i>Acta Tropica</i> , 2015, 150, 210-217.	0.9	48
13	Availability of oral antivirals against SARS-CoV-2 infection and the requirement for an ethical prescribing approach. <i>Lancet Infectious Diseases</i> , The, 2022, 22, e231-e238.	4.6	45
14	Comparison of the Flotac-400 Dual Technique and the Formalin-Ether Concentration Technique for Diagnosis of Human Intestinal Protozoan Infection. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2183-2190.	1.8	43
15	<i>Pneumocystis jirovecii</i> Pneumonia and Severe Acute Respiratory Syndrome Coronavirus 2 Coinfection in a Patient With Newly Diagnosed HIV-1 Infection. <i>Clinical Infectious Diseases</i> , 2021, 72, 1487-1489.	2.9	40
16	MALDI-TOF mass spectrometry as a diagnostic tool in human and veterinary helminthology: a systematic review. <i>Parasites and Vectors</i> , 2019, 12, 245.	1.0	37
17	Molecular characterization, toxin detection and resistance testing of human clinical <i>Clostridium difficile</i> isolates from Lebanon. <i>International Journal of Medical Microbiology</i> , 2018, 308, 358-363.	1.5	36
18	Metagenomic diagnostics for the simultaneous detection of multiple pathogens in human stool specimens from Côte d'Ivoire: a proof-of-concept study. <i>Infection, Genetics and Evolution</i> , 2016, 40, 389-397.	1.0	34

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19	Autoantibodies against interleukin-1 receptor antagonist in multisystem inflammatory syndrome in children: a multicentre, retrospective, cohort study. <i>Lancet Rheumatology</i> , The, 2022, 4, e329-e337.	2.2	33
20	StrongNet: An International Network to Improve Diagnostics and Access to Treatment for Strongyloidiasis Control. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004898.	1.3	32
21	Clinical implications of <i>Mycobacterium chimaera</i> detection in thermoregulatory devices used for extracorporeal membrane oxygenation (ECMO), Germany, 2015 to 2016. <i>Eurosurveillance</i> , 2016, 21, .	3.9	32
22	High prevalence of ESBL-producing <i>Klebsiella pneumoniae</i> in clinical samples from central Côte d'Ivoire. <i>International Journal of Infectious Diseases</i> , 2020, 91, 207-209.	1.5	31
23	Outbreak of <i>Burkholderia cepacia</i> complex infections associated with contaminated octenidine mouthwash solution, Germany, August to September 2018. <i>Eurosurveillance</i> , 2018, 23, .	3.9	29
24	Combination of MALDI-TOF Mass Spectrometry and Machine Learning for Rapid Antimicrobial Resistance Screening: The Case of <i>Campylobacter</i> spp.. <i>Frontiers in Microbiology</i> , 2021, 12, 804484.	1.5	23
25	Comparison of sensitivity and faecal egg counts of Mini-FLOTAC using fixed stool samples and Kato-Katz technique for the diagnosis of <i>Schistosoma mansoni</i> and soil-transmitted helminths. <i>Acta Tropica</i> , 2016, 164, 107-116.	0.9	22
26	Evaluation of a duplex real-time PCR in human serum for simultaneous detection and differentiation of <i>Schistosoma mansoni</i> and <i>Schistosoma haematobium</i> infections – cross-sectional study. <i>Travel Medicine and Infectious Disease</i> , 2021, 41, 102035.	1.5	21
27	Molecular typing and in vitro resistance of <i>Cryptococcus neoformans</i> clinical isolates obtained in Germany between 2011 and 2017. <i>International Journal of Medical Microbiology</i> , 2019, 309, 151336.	1.5	20
28	Diagnostic comparison of Baermann funnel, Koga agar plate culture and polymerase chain reaction for detection of human <i>Strongyloides stercoralis</i> infection in Maluku, Indonesia. <i>Parasitology Research</i> , 2018, 117, 3229-3235.	0.6	18
29	Causative agents and antimicrobial resistance patterns of human skin and soft tissue infections in Bagamoyo, Tanzania. <i>Acta Tropica</i> , 2018, 186, 102-106.	0.9	17
30	Diagnosis of neglected tropical diseases among patients with persistent digestive disorders (diarrhoea and/or abdominal pain ≥14 days): a multi-country, prospective, non-experimental case-control study. <i>BMC Infectious Diseases</i> , 2015, 15, 338.	1.3	16
31	Hospital outbreak due to <i>Clostridium difficile</i> ribotype 018 (RT018) in Southern Germany. <i>International Journal of Medical Microbiology</i> , 2019, 309, 189-193.	1.5	16
32	<i>Candida albicans</i> adhesion to central venous catheters: Impact of blood plasma-driven germ tube formation and pathogen-derived adhesins. <i>Virulence</i> , 2020, 11, 1453-1465.	1.8	16
33	Identification of Adult <i>Fasciola</i> spp. Using Matrix-Assisted Laser/Desorption Ionization Time-of-Flight (MALDI-TOF) Mass Spectrometry. <i>Microorganisms</i> , 2021, 9, 82.	1.6	14
34	Human infections caused by <i>Staphylococcus argenteus</i> in Germany: genetic characterisation and clinical implications of novel species designation. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 2461-2465.	1.3	12
35	Molecular epidemiology and antimicrobial resistance of <i>Clostridioides difficile</i> detected in chicken, soil and human samples from Zimbabwe. <i>International Journal of Infectious Diseases</i> , 2020, 96, 82-87.	1.5	11
36	Experiences and Lessons from a Multicountry NIDIAG Study on Persistent Digestive Disorders in the Tropics. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004818.	1.3	11

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37	Human blood plasma factors affect the adhesion kinetics of <i>Staphylococcus aureus</i> to central venous catheters. <i>Scientific Reports</i> , 2020, 10, 20992.	1.6	10
38	Infective endocarditis caused by <i>Pseudomonas stutzeri</i> in a patient with Marfan syndrome: Case report and brief literature review. <i>IDCases</i> , 2017, 10, 22-25.	0.4	9
39	Ophthalmomyiasis externa due to <i>Oestrus ovis</i> in a traveller returning from Greece. <i>Travel Medicine and Infectious Disease</i> , 2018, 23, 101-102.	1.5	9
40	Investigation of MALDI-TOF Mass Spectrometry for Assessing the Molecular Diversity of <i>Campylobacter jejuni</i> and Comparison with MLST and cgMLST: A Luxembourg One-Health Study. <i>Diagnostics</i> , 2021, 11, 1949.	1.3	9
41	Quantification of the Adhesion Strength of <i>Candida albicans</i> to Tooth Enamel. <i>Microorganisms</i> , 2021, 9, 2213.	1.6	9
42	Molecular and culture-based diagnosis of <i>Clostridium difficile</i> isolates from Côte d'Ivoire after prolonged storage at disrupted cold chain conditions. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015, 109, 660-668.	0.7	8
43	PCR-based verification of positive rapid diagnostic tests for intestinal protozoa infections with variable test band intensity. <i>Acta Tropica</i> , 2017, 174, 49-55.	0.9	7
44	Evaluating Different Storage Media for Identification of <i>Taenia saginata</i> Proglottids Using MALDI-TOF Mass Spectrometry. <i>Microorganisms</i> , 2021, 9, 2006.	1.6	7
45	Effectiveness of immediate vitrectomy and intravitreal antibiotics for post-injection endophthalmitis. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 1609-1615.	1.0	7
46	High heterogeneity on the accepted vaccines for COVID-19 certificates in European countries. <i>Travel Medicine and Infectious Disease</i> , 2022, 48, 102321.	1.5	6
47	Antifungal-Loaded Acrylic Bone Cement in the Treatment of Periprosthetic Hip and Knee Joint Infections: A Review. <i>Antibiotics</i> , 2022, 11, 879.	1.5	6
48	Potential Risk of Aerosol-Borne <i>Francisella tularensis</i> Transmission in the Operating Room. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 490-492.	1.0	5
49	Governance and Standards in International Clinical Research: The Role of Transnational Consortia. <i>American Journal of Bioethics</i> , 2016, 16, 59-61.	0.5	5
50	Multibacillary leprosy in a migrant from Afghanistan: A disease not to be forgotten. <i>Travel Medicine and Infectious Disease</i> , 2017, 19, 66-67.	1.5	5
51	Occurrence of Rare Pathogens at the Site of Periprosthetic Hip and Knee Joint Infections: A Retrospective, Single-Center Study. <i>Antibiotics</i> , 2021, 10, 882.	1.5	5
52	Simple Questionnaires to Improve Pooling Strategies for SARS-CoV-2 Laboratory Testing. <i>Annals of Global Health</i> , 2020, 86, 148.	0.8	5
53	Microbiological Characterisation of Community-Acquired Urinary Tract Infections in Bagamoyo, Tanzania: A Prospective Study. <i>Tropical Medicine and Infectious Disease</i> , 2022, 7, 100.	0.9	5
54	Microbiological airway colonization in COPD patients with severe emphysema undergoing endoscopic lung volume reduction. <i>International Journal of COPD</i> , 2018, Volume 13, 29-35.	0.9	4

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55	Infection prevention and control in patients with cystic fibrosis (CF): Results from a survey in 35 German CF treatment centers. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 384-387.	0.3	4
56	Do written diagnosis-treatment recommendations on microbiological test reports improve the management of <i>Staphylococcus aureus</i> bacteremia? A single-center, retrospective, observational study. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 98, 115170.	0.8	4
57	Intestinal parasites in segregated minority communities of Slovakia: results from a cross-sectional survey in children. <i>Acta Tropica</i> , 2021, 214, 105783.	0.9	4
58	Combined antibiotic stewardship and infection control measures to contain the spread of linezolid-resistant <i>Staphylococcus epidermidis</i> in an intensive care unit. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 99.	1.5	4
59	Boosting immunity after CoronaVac. <i>Lancet, The</i> , 2022, 399, 496-497.	6.3	4
60	Bystander Cardiopulmonary Resuscitation: A Civic Duty. <i>American Journal of Bioethics</i> , 2017, 17, 51-53.	0.5	3
61	Extracorporeal membrane oxygenation (ECMO) as salvage treatment for pulmonary <i>Echinococcus granulosus</i> infection with acute cyst rupture. <i>International Journal of Infectious Diseases</i> , 2017, 64, 47-49.	1.5	3
62	<i>Mycobacterium iranicum</i> infection in a patient with fish tank granuloma: a first case report. <i>European Journal of Dermatology</i> , 2018, 28, 238-239.	0.3	3
63	Prevalence of <i>Giardia intestinalis</i> Infection in Schistosomiasis-Endemic Areas in South-Central Mali. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 86.	0.9	3
64	Qualitative microbiome profiling along a wastewater system in Kampala, Uganda. <i>Scientific Reports</i> , 2019, 9, 17334.	1.6	3
65	WGS for infection prevention and control in Africa. <i>Lancet Microbe, The</i> , 2020, 1, e95-e96.	3.4	3
66	The Low-Molecular Weight Protein Arginine Phosphatase PtpB Affects Nuclease Production, Cell Wall Integrity, and Uptake Rates of <i>Staphylococcus aureus</i> by Polymorphonuclear Leukocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5342.	1.8	3
67	Epidemiology of paediatric meningitis in central Côte d'Ivoire after the implementation of <i>Haemophilus influenzae</i> type b vaccination. <i>New Microbiologica</i> , 2017, 40, 170-174.	0.1	3
68	The Transcription Factor SpoVG Is of Major Importance for Biofilm Formation of <i>Staphylococcus epidermidis</i> under In Vitro Conditions, but Dispensable for In Vivo Biofilm Formation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3255.	1.8	3
69	Systematic Cross-biospecimen Evaluation of DNA Extraction Kits for Long- and Short-read Multi-metagenomic Sequencing Studies. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 405-417.	3.0	3
70	Detection of <i>Bordetella trematum</i> in a diabetic patient with a skin and soft tissue infection. <i>International Journal of Infectious Diseases</i> , 2019, 89, 1-2.	1.5	2
71	Epidemiology and risk factors of <i>Strongyloides stercoralis</i> infection in Papua, Indonesia: a molecular diagnostic study. <i>Acta Tropica</i> , 2020, 209, 105575.	0.9	2
72	Persistent, highly pruritic nodular skin lesions in a traveler returning from Guyana. <i>Travel Medicine and Infectious Disease</i> , 2020, 33, 101552.	1.5	2

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73	Application and clinical impact of the RESIST-4 O.K.N.V. rapid diagnostic test for carbapenemase detection in blood cultures and clinical samples. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 423-428.	1.3	2
74	Parenting and caregiving duties as career challenges among clinical microbiologists: a cross-sectional survey. <i>Future Microbiology</i> , 2022, 17, 589-598.	1.0	2
75	Awareness and perceptions of medical students and doctors regarding Tropical Medicine education and training in Europe: An international, online-based survey. <i>Travel Medicine and Infectious Disease</i> , 2022, , 102323.	1.5	2
76	German Multicenter Study Analyzing Antimicrobial Activity of Ceftazidime-Avibactam of Clinical Meropenem-Resistant <i>Pseudomonas aeruginosa</i> Isolates Using a Commercially Available Broth Microdilution Assay. <i>Antibiotics</i> , 2022, 11, 545.	1.5	2
77	A 5-year-old boy with a chronic cough caused by <i>Echinococcus granulosus</i> . <i>Lancet, The</i> , 2019, 393, 74.	6.3	1
78	Late-onset native valve endocarditis caused by <i>Corynebacterium kroppenstedtii</i> . <i>International Journal of Infectious Diseases</i> , 2020, 101, 1-3.	1.5	1
79	Pharyngeal Carriage of Beta-Haemolytic <i>Streptococcus</i> Species and Seroprevalence of Anti- <i>Streptococcal</i> Antibodies in Children in Bouaké, Côte d'Ivoire. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 177.	0.9	1
80	Experiences with pre-travel diagnostic PCR testing for SARS-CoV-2: challenges and opportunities. <i>Journal of Travel Medicine</i> , 2021, 28, .	1.4	1
81	Assessing numbers and faces: a prerequisite for improving access to lymphatic filariasis morbidity care. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015, 109, 357-359.	0.7	0
82	Eosinophilia, iron deficiency anaemia and a subconjunctival worm in a girl from Cameroon. <i>Travel Medicine and Infectious Disease</i> , 2019, 29, 84-85.	1.5	0
83	A 71-Year-Old Man With Chest Pain and a Solitary Pulmonary Mass. <i>Chest</i> , 2020, 158, e123-e126.	0.4	0
84	Floating fungus balls in a blood culture bottle. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1790-1791.	2.8	0
85	Acute Respiratory Distress Syndrome due to <i>Mycoplasma pneumoniae</i> Misinterpreted as SARS-CoV-2 Infection. <i>Case Reports in Pulmonology</i> , 2021, 2021, 1-5.	0.2	0
86	Fatigue, weight loss, hypotension and electrolyte imbalance after a long-term stay in Thailand: A diagnostic challenge. <i>Travel Medicine and Infectious Disease</i> , 2021, 41, 102063.	1.5	0
87	Application of the FilmArray® BioThreat Panel for molecular diagnosis of human tularemia. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101792.	1.1	0
88	Application of a POC CCA rapid diagnostic test and serology for detection of schistosomiasis in HIV-positive individuals in urban Malawi. <i>Acta Tropica</i> , 2021, 224, 106142.	0.9	0
89	<i>Staphylococcus massiliensis</i> isolated from human blood cultures, Germany, 2017–2020. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2022, 41, 663-669.	1.3	0
90	Antigen-Specific vs. Neutralizing Antibodies Against Conditioned Media of Patients With <i>Clostridioides difficile</i> Infection: A Prospective Exploratory Study. <i>Frontiers in Microbiology</i> , 2022, 13, 859037.	1.5	0