

Sarah Tschudin-Sutter

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

2,872
citations

172207

29
h-index

214527

47
g-index

115
all docs

115
docs citations

115
times ranked

4361
citing authors

#	ARTICLE	IF	CITATIONS
1	European Society of Clinical Microbiology and Infectious Diseases: 2021 update on the treatment guidance document for <i>Clostridioides difficile</i> infection in adults. <i>Clinical Microbiology and Infection</i> , 2021, 27, S1-S21.	2.8	242
2	Seizures as adverse events of antibiotic drugs. <i>Neurology</i> , 2015, 85, 1332-1341.	1.5	163
3	2019-novel Coronavirus (2019-nCoV): estimating the case fatality rate – a word of caution. <i>Swiss Medical Weekly</i> , 2020, 150, w20203.	0.8	135
4	Comorbidities, clinical signs and symptoms, laboratory findings, imaging features, treatment strategies, and outcomes in adult and pediatric patients with COVID-19: A systematic review and meta-analysis. <i>Travel Medicine and Infectious Disease</i> , 2020, 37, 101825.	1.5	118
5	Rate of Transmission of Extended-Spectrum Beta-Lactamase-Producing Enterobacteriaceae Without Contact Isolation. <i>Clinical Infectious Diseases</i> , 2012, 55, 1505-1511.	2.9	109
6	Contact Precautions for Preventing Nosocomial Transmission of Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> : A Point/Counterpoint Review. <i>Clinical Infectious Diseases</i> , 2017, 65, 342-347.	2.9	87
7	Guidance document for prevention of <i>Clostridium difficile</i> infection in acute healthcare settings. <i>Clinical Microbiology and Infection</i> , 2018, 24, 1051-1054.	2.8	72
8	Serum Neurofilament Light Chain Levels in the Intensive Care Unit: Comparison between Severely Ill Patients with and without Coronavirus Disease 2019. <i>Annals of Neurology</i> , 2021, 89, 610-616.	2.8	68
9	Reproductive number of the COVID-19 epidemic in Switzerland with a focus on the Cantons of Basel-Stadt and Basel-Landschaft. <i>Swiss Medical Weekly</i> , 2020, 150, w20271.	0.8	64
10	Associations between infections and clinical outcome parameters in status epilepticus: A retrospective 5-year cohort study. <i>Epilepsia</i> , 2012, 53, 1489-1497.	2.6	63
11	Cefepime Therapy for Cefepime-Susceptible Extended-Spectrum β -Lactamase-Producing Enterobacteriaceae Bacteremia. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofw132.	0.4	56
12	Compliance with the World Health Organization Hand Hygiene Technique: A Prospective Observational Study. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 482-483.	1.0	53
13	Community-acquired and hospital-acquired respiratory tract infection and bloodstream infection in patients hospitalized with COVID-19 pneumonia. <i>Journal of Intensive Care</i> , 2021, 9, 10.	1.3	52
14	Effect of Systemic Inflammatory Response to SARS-CoV-2 on Lopinavir and Hydroxychloroquine Plasma Concentrations. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	50
15	Optimizing antibiotic therapies to reduce the risk of bacterial resistance. <i>European Journal of Internal Medicine</i> , 2022, 99, 7-12.	1.0	46
16	<i>Actinobaculum schaalii</i> -invasive pathogen or innocent bystander? A retrospective observational study. <i>BMC Infectious Diseases</i> , 2011, 11, 289.	1.3	45
17	Cefiderocol for Extensively Drug-Resistant Gram-Negative Bacterial Infections: Real-world Experience From a Case Series and Review of the Literature. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa185.	0.4	44
18	Distinguishing Community-Associated From Hospital-Associated <i>Clostridium difficile</i> Infections in Children: Implications for Public Health Surveillance. <i>Clinical Infectious Diseases</i> , 2013, 57, 1665-1672.	2.9	43

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19	Hand hygiene in the intensive care unit. <i>Critical Care Medicine</i> , 2010, 38, S299-S305.	0.4	42
20	Extended Spectrum β -Lactamase-producing <i>Escherichia coli</i> in Neonatal Care Unit. <i>Emerging Infectious Diseases</i> , 2010, 16, 1758-1760.	2.0	41
21	New insights into transmission of <i>Clostridium difficile</i> infection—narrative review. <i>Clinical Microbiology and Infection</i> , 2018, 24, 483-492.	2.8	41
22	Impact of Toxigenic <i>Clostridium difficile</i> Colonization on the Risk of Subsequent <i>C. difficile</i> Infection in Intensive Care Unit Patients. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 1324-1329.	1.0	40
23	The Technical and Biological Reproducibility of Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry (MALDI-TOF MS) Based Typing: Employment of Bioinformatics in a Multicenter Study. <i>PLoS ONE</i> , 2016, 11, e0164260.	1.1	40
24	Prospective Validation of Cessation of Contact Precautions for Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> 1. <i>Emerging Infectious Diseases</i> , 2016, 22, 1094-1097.	2.0	37
25	Prevalence and outcome of dysnatremia in patients with COVID-19 compared to controls. <i>European Journal of Endocrinology</i> , 2021, 184, 409-418.	1.9	37
26	ESBL-colonization at ICU admission: impact on subsequent infection, carbapenem-consumption, and outcome. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 408-413.	1.0	36
27	SARS-CoV-2 outbreak in a tri-national urban area is dominated by a B.1 lineage variant linked to a mass gathering event. <i>PLoS Pathogens</i> , 2021, 17, e1009374.	2.1	36
28	Matrix-Assisted Laser Desorption/Ionization Time of Flight Mass-Spectrometry (MALDI-TOF MS) Based Typing of Extended-Spectrum β -Lactamase Producing <i>E. coli</i> —A Novel Tool for Real-Time Outbreak Investigation. <i>PLoS ONE</i> , 2015, 10, e0120624.	1.1	35
29	Transmissibility of <i>Clostridium difficile</i> without contact isolation: results from a prospective observational study with 451 patients. <i>Clinical Infectious Diseases</i> , 2017, 64, ciw758.	2.9	32
30	Transmission of ESBL-producing Enterobacteriaceae and their mobile genetic elements—identification of sources by whole genome sequencing: study protocol for an observational study in Switzerland. <i>BMJ Open</i> , 2018, 8, e021823.	0.8	32
31	Predictors of First Recurrence of <i>Clostridium difficile</i> Infections in Children. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 414-416.	1.1	31
32	Empiric Combination Therapy for Gram-Negative Bacteremia. <i>Pediatrics</i> , 2014, 133, e1148-e1155.	1.0	30
33	Simplifying the World Health Organization Protocol: 3 Steps Versus 6 Steps for Performance of Hand Hygiene in a Cluster-randomized Trial. <i>Clinical Infectious Diseases</i> , 2019, 69, 614-620.	2.9	30
34	Prevention and control of surgical site infections: review of the Basel Cohort Study. <i>Swiss Medical Weekly</i> , 2012, 142, w13616.	0.8	30
35	No Risk of Surgical Site Infections From Residual Bacteria After Disinfection With Povidone-Iodine-Alcohol in 1014 Cases. <i>Annals of Surgery</i> , 2012, 255, 565-569.	2.1	29
36	Simplifying the WHO “how to hand rub”™ technique: three steps are as effective as six—results from an experimental randomized crossover trial. <i>Clinical Microbiology and Infection</i> , 2017, 23, 409.e1-409.e4.	2.8	29

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37	Combination therapy for treatment of <i>Pseudomonas aeruginosa</i> bloodstream infections. PLoS ONE, 2018, 13, e0203295.	1.1	29
38	Community-Acquired Respiratory Paramyxovirus Infection After Allogeneic Hematopoietic Cell Transplantation: A Single-Center Experience. Open Forum Infectious Diseases, 2018, 5, ofy077.	0.4	29
39	Air-conditioner cooling towers as complex reservoirs and continuous source of <i>Legionella pneumophila</i> infection evidenced by a genomic analysis study in 2017, Switzerland. Eurosurveillance, 2019, 24, .	3.9	28
40	Procalcitonin and mortality in status epilepticus: an observational cohort study. Critical Care, 2015, 19, 361.	2.5	26
41	Emergence of Glutaraldehyde-Resistant <i>Pseudomonas aeruginosa</i> . Infection Control and Hospital Epidemiology, 2011, 32, 1173-1178.	1.0	25
42	Independent impact of infections on the course and outcome of status epilepticus: a 10-year cohort study. Journal of Neurology, 2016, 263, 1303-1313.	1.8	24
43	Predictors of infectious meningitis or encephalitis: the yield of cerebrospinal fluid in a cross-sectional study. BMC Infectious Diseases, 2020, 20, 304.	1.3	22
44	Enterococci, <i>Clostridium difficile</i> and ESBL-producing bacteria: epidemiology, clinical impact and prevention in ICU patients. Swiss Medical Weekly, 2014, 144, w14009.	0.8	22
45	Extended-Spectrum β -Lactamase (ESBL)-Producing Enterobacteriaceae: A Threat from the Kitchen. Infection Control and Hospital Epidemiology, 2014, 35, 581-584.	1.0	20
46	Distinguishing <i>Clostridium difficile</i> Recurrence From Reinfection: Independent Validation of Current Recommendations. Infection Control and Hospital Epidemiology, 2017, 38, 891-896.	1.0	19
47	Whole-genome sequence-informed MALDI-TOF MS diagnostics reveal importance of <i>Klebsiella oxytoca</i> group in invasive infections: a retrospective clinical study. Genome Medicine, 2021, 13, 150.	3.6	19
48	Growth Patterns of <i>Clostridium difficile</i> – Correlations with Strains, Binary Toxin and Disease Severity: A Prospective Cohort Study. PLoS ONE, 2016, 11, e0161711.	1.1	19
49	Acute phase proteins and white blood cell levels for prediction of infectious complications in status epilepticus. Critical Care, 2011, 15, R274.	2.5	18
50	Risk factors for new-onset delirium in patients with bloodstream infections: independent and quantitative effect of catheters and drainages – a four-year cohort study. Annals of Intensive Care, 2016, 6, 104.	2.2	18
51	Clinical impact of the type VI secretion system on virulence of <i>Campylobacter</i> species during infection. BMC Infectious Diseases, 2019, 19, 237.	1.3	18
52	Clinical utility of inflammatory biomarkers in COVID-19 in direct comparison to other respiratory infections – A prospective cohort study. PLoS ONE, 2022, 17, e0269005.	1.1	18
53	Therapeutic drug monitoring of once daily aminoglycoside dosing: comparison of two methods and investigation of the optimal blood sampling strategy. European Journal of Clinical Pharmacology, 2014, 70, 829-837.	0.8	17
54	Systematic screening on admission for SARS-CoV-2 to detect asymptomatic infections. Antimicrobial Resistance and Infection Control, 2021, 10, 44.	1.5	17

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55	Risk factors for colistin-resistant Enterobacteriaceae in a low-endemicity setting for carbapenem resistance – a matched case–control study. <i>Eurosurveillance</i> , 2018, 23, .	3.9	17
56	Low rates of influenza vaccination uptake among healthcare workers: Distinguishing barriers between occupational groups. <i>American Journal of Infection Control</i> , 2020, 48, 1139-1143.	1.1	16
57	Comparing Immunoassays for SARS-CoV-2 Antibody Detection in Patients with and without Laboratory-Confirmed SARS-CoV-2 Infection. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0138121.	1.8	16
58	Appropriateness of antimicrobial prescribing in a Swiss tertiary care hospital: a repeated point prevalence survey. <i>Swiss Medical Weekly</i> , 2019, 149, w20135.	0.8	16
59	Evolution of COVID-19 mortality over time: results from the Swiss hospital surveillance system (CH-SUR). <i>Swiss Medical Weekly</i> , 2021, 151, w30105.	0.8	16
60	Risk factors for severe outcomes for COVID-19 patients hospitalised in Switzerland during the first pandemic wave, February to August 2020: prospective observational cohort study. <i>Swiss Medical Weekly</i> , 2021, 151, w20547.	0.8	15
61	The Prediction of Complicated <i>Clostridium difficile</i> Infections in Children. <i>Infection Control and Hospital Epidemiology</i> , 2014, 35, 901-903.	1.0	14
62	Transition From PCR-Ribotyping to Whole Genome Sequencing Based Typing of <i>Clostridioides difficile</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 681518.	1.8	14
63	<i>Clostridium difficile</i> . <i>Current Opinion in Infectious Diseases</i> , 2012, 25, 405-411.	1.3	13
64	Sites of Colonization with Extended-Spectrum β -Lactamases (ESBL)-Producing Enterobacteriaceae: The Rationale for Screening. <i>Infection Control and Hospital Epidemiology</i> , 2012, 33, 1170-1171.	1.0	12
65	What is new with hand hygiene?. <i>Current Opinion in Infectious Diseases</i> , 2020, 33, 327-332.	1.3	10
66	High Mortality of Non-Fournier Necrotizing Fasciitis With Enterobacteriales: Time to Rethink Classification?. <i>Clinical Infectious Diseases</i> , 2019, 69, 147-150.	2.9	9
67	COVID-19 Triage and Test Center: Safety, Feasibility, and Outcomes of Low-Threshold Testing. <i>Journal of Clinical Medicine</i> , 2020, 9, 3217.	1.0	9
68	Association of Frailty with Adverse Outcomes in Patients with Suspected COVID-19 Infection. <i>Journal of Clinical Medicine</i> , 2021, 10, 2472.	1.0	9
69	ESCMID guidelines on testing for SARS-CoV-2 in asymptomatic individuals to prevent transmission in the health care setting. <i>Clinical Microbiology and Infection</i> , 2022, 28, 672-680.	2.8	9
70	Value of the Pitt Bacteraemia Score to predict short-term mortality in <i>Staphylococcus aureus</i> bloodstream infection: a validation study. <i>Swiss Medical Weekly</i> , 2017, 147, w14482.	0.8	8
71	Effect of COVID-19 on acute treatment of ST-segment elevation and Non-ST-segment elevation acute coronary syndrome in northwestern Switzerland. <i>IJC Heart and Vasculature</i> , 2021, 32, 100686.	0.6	7
72	Identification of influenza urban transmission patterns by geographical, epidemiological and whole genome sequencing data: protocol for an observational study. <i>BMJ Open</i> , 2019, 9, e030913.	0.8	7

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73	Determinants of SARS-CoV-2 transmission to guide vaccination strategy in an urban area. <i>Virus Evolution</i> , 2022, 8, veac002.	2.2	7
74	How can patients with <i>Clostridioides difficile</i> infection on concomitant antibiotic treatment be best managed?. <i>Lancet Infectious Diseases</i> , The, 2022, 22, e336-e340.	4.6	7
75	Persisting intrahospital transmission of multidrug-resistant <i>Klebsiella pneumoniae</i> and challenges for infection control. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 904-909.	1.0	6
76	Delirium in Meningitis and Encephalitis: Emergence and Prediction in a 6-Year Cohort. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 566-575.	1.3	6
77	Infections in Patients Colonized With Extended-spectrum Beta-Lactamase-Producing Enterobacterales: A Retrospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2021, 72, 1440-1443.	2.9	6
78	Ninety-day outcome of patients with severe COVID-19 treated with tocilizumab – a single centre cohort study. <i>Swiss Medical Weekly</i> , 2021, 151, w20550.	0.8	6
79	Drainage days – an independent risk factor for serious sternal wound infections after cardiac surgery: A case control study. <i>American Journal of Infection Control</i> , 2013, 41, 1264-1267.	1.1	5
80	Differences in infection control and diagnostic measures for multidrug-resistant organisms in the tristate area of France, Germany and Switzerland in 2019 – survey results from the RH(E)IN-CARE network. <i>Swiss Medical Weekly</i> , 2021, 151, w20454.	0.8	5
81	The Model for End-stage Liver Disease (MELD) as a predictor of short-term mortality in <i>Staphylococcus aureus</i> bloodstream infection: A single-centre observational study. <i>PLoS ONE</i> , 2017, 12, e0175669.	1.1	5
82	Equal efficacy of a generic piperacillin/tazobactam formulation: results of a local screening protocol. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 69, 286-287.	0.8	4
83	Vaginal-perineal cultures for detecting group B streptococci and extended spectrum β -lactamase producing bacteria in pregnancy. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019, 241, 24-29.	0.5	4
84	Multicenter Prevalence Study Comparing Molecular and Toxin Assays for <i>Clostridioides difficile</i> Surveillance, Switzerland. <i>Emerging Infectious Diseases</i> , 2020, 26, 2370-2377.	2.0	4
85	Diagnostic and therapy of severe <i>Clostridioides difficile</i> infections in the ICU. <i>Current Opinion in Critical Care</i> , 2020, 26, 450-458.	1.6	4
86	Diagnostic yield of cerebrospinal fluid analysis in status epilepticus: an 8-year cohort study. <i>Journal of Neurology</i> , 2021, 268, 3325-3336.	1.8	4
87	Direct Comparison of Clinical Characteristics, Outcomes, and Risk Prediction in Patients with COVID-19 and Controls – A Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2672.	1.0	4
88	A qualitative study on safety perception among healthcare workers of a tertiary academic care center during the SARS-CoV-2 pandemic. <i>Antimicrobial Resistance and Infection Control</i> , 2022, 11, 30.	1.5	4
89	Respiratory Syncytial Virus Infection Control Challenges with a Novel Polymerase Chain Reaction Assay in a Tertiary Medical Center. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 1291-1297.	1.0	3
90	Identification of a Cluster of Extended-spectrum Beta-Lactamase-Producing <i>Klebsiella pneumoniae</i> Sequence Type 101 Isolated From Food and Humans. <i>Clinical Infectious Diseases</i> , 2020, 73, 332-335.	2.9	3

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91	Independent, external validation of clinical prediction rules for the identification of extended-spectrum β -lactamase-producing Enterobacterales, University Hospital Basel, Switzerland, January 2010 to December 2016. <i>Eurosurveillance</i> , 2020, 25, .	3.9	3
92	Tackling submission and publication bias. <i>BMJ: British Medical Journal</i> , 2017, 358, j3436.	2.4	2
93	Carbapenem-resistant <i>Klebsiella pneumoniae</i> —impact of infection-prevention and control interventions. <i>Annals of Translational Medicine</i> , 2019, 7, S344-S344.	0.7	2
94	Accuracy of urine flow cytometry and urine test strip in predicting relevant bacteriuria in different patient populations. <i>BMC Infectious Diseases</i> , 2021, 21, 209.	1.3	2
95	Cutting edges in <i>Clostridioides difficile</i> infections. <i>Swiss Medical Weekly</i> , 2021, 151, w30033.	0.8	2
96	Mimics and chameleons of COVID-19: patient presentation and accuracy of triage during the first wave. <i>Swiss Medical Weekly</i> , 2021, 151, w30103.	0.8	2
97	Impact of Different Catheter Lock Strategies on Bacterial Colonization of Permanent Central Venous Hemodialysis Catheters. <i>Infection Control and Hospital Epidemiology</i> , 2013, 34, 1314-1317.	1.0	1
98	Letter to the Editor Regarding “Efficacy of Alcohol Gel for Removal of Methicillin-Resistant <i>Staphylococcus Aureus</i> from Hands of Colonized Patients”. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 854-855.	1.0	1
99	<i>Clostridioides difficile</i> infection in outpatient settings — the need for studies on clinical impact. <i>Clinical Microbiology and Infection</i> , 2019, 25, 534-535.	2.8	1
100	Risk factors for colonization with multiple species of extended-spectrum beta-lactamase producing Enterobacterales: a case-case control study. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 153.	1.5	1
101	Title is missing!. <i>Emerging Infectious Diseases</i> , 2011, 17, 1154-1154.	2.0	0
102	Ebola vaccination. <i>Lancet, The</i> , 2015, 386, 2478-2480.	6.3	0
103	2186. High Adherence to Contact Precautions of Patients with Multidrug-resistant Organisms (MDRO) and Low In-Hospital Transmission of MDROs. <i>Open Forum Infectious Diseases</i> , 2018, 5, S645-S646.	0.4	0
104	Molecular epidemiology of <i>Clostridium difficile</i> for clinical practice. <i>Swiss Medical Weekly</i> , 2014, 144, w13995.	0.8	0
105	653. Direct Identification of Microorganisms in Positive Blood Cultures by the BioFire® FilmArray® Blood Culture Identification Panel Leads to Faster Optimal Antibiotic Therapy: A Before-After Study. <i>Open Forum Infectious Diseases</i> , 2021, 8, S428-S429.	0.4	0