

# Stefan P Kuster

## List of Publications by Year in descending order

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87  
papers

3,413  
citations

236925  
25  
h-index

149698  
56  
g-index

93  
all docs

93  
docs citations

93  
times ranked

5192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Populations at risk for severe or complicated influenza illness: systematic review and meta-analysis. <i>BMJ</i> , The, 2013, 347, f5061-f5061.	6.0	466
2	Prolonged Outbreak of <i>Mycobacterium chimaera</i> Infection After Open-Chest Heart Surgery. <i>Clinical Infectious Diseases</i> , 2015, 61, 67-75.	5.8	336
3	Healthcare-associated prosthetic heart valve, aortic vascular graft, and disseminated <i>Mycobacterium chimaera</i> infections subsequent to open heart surgery. <i>European Heart Journal</i> , 2015, 36, 2745-2753.	2.2	216
4	Incidence of Influenza in Healthy Adults and Healthcare Workers: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2011, 6, e26239.	2.5	184
5	The preventable proportion of healthcare-associated infections 2005–2016: Systematic review and meta-analysis. <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 1277-1295.	1.8	164
6	Bacteriostatic versus bactericidal antibiotics for patients with serious bacterial infections: systematic review and meta-analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 382-395.	3.0	158
7	Transmission of <i>Mycobacterium chimaera</i> from Heater–Cooler Units during Cardiac Surgery despite an Ultraclean Air Ventilation System. <i>Emerging Infectious Diseases</i> , 2016, 22, 1008-1013.	4.3	147
8	Prosthetic Valve Endocarditis and Bloodstream Infection Due to <i>Mycobacterium chimaera</i> . <i>Journal of Clinical Microbiology</i> , 2013, 51, 1769-1773.	3.9	136
9	Quantitative Antibiotic Use in Hospitals: Comparison of Measurements, Literature Review, and Recommendations for a Standard of Reporting. <i>Infection</i> , 2008, 36, 549-559.	4.7	120
10	Monotherapy versus combination therapy for multidrug-resistant Gram-negative infections: Systematic Review and Meta-Analysis. <i>Scientific Reports</i> , 2019, 9, 15290.	3.3	88
11	Different Patterns of Inappropriate Antimicrobial Use in Surgical and Medical Units at a Tertiary Care Hospital in Switzerland: A Prevalence Survey. <i>PLoS ONE</i> , 2010, 5, e14011.	2.5	85
12	Dexamethasone versus prednisone for induction therapy in childhood acute lymphoblastic leukemia: a systematic review and meta-analysis. <i>Leukemia</i> , 2011, 25, 1232-1238.	7.2	81
13	Correlation between case mix index and antibiotic use in hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 837-842.	3.0	66
14	Reemergence of <i>Mycobacterium chimaera</i> in Heater–Cooler Units despite Intensified Cleaning and Disinfection Protocol. <i>Emerging Infectious Diseases</i> , 2016, 22, 1830-1833.	4.3	66
15	Long-term leukocyte reconstitution in NSG mice transplanted with human cord blood hematopoietic stem and progenitor cells. <i>BMC Immunology</i> , 2017, 18, 28.	2.2	55
16	Previous Antibiotic Exposure and Antimicrobial Resistance in Invasive Pneumococcal Disease: Results From Prospective Surveillance. <i>Clinical Infectious Diseases</i> , 2014, 59, 944-952.	5.8	51
17	Risks Factors for Infections with Extended-Spectrum Beta-Lactamase-Producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> at a Tertiary Care University Hospital in Switzerland. <i>Infection</i> , 2010, 38, 33-40.	4.7	50
18	Stratification of cumulative antibiograms in hospitals for hospital unit, specimen type, isolate sequence and duration of hospital stay. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1451-1461.	3.0	46

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19	Evaluation of Coseasonality of Influenza and Invasive Pneumococcal Disease: Results from Prospective Surveillance. <i>PLoS Medicine</i> , 2011, 8, e1001042.	8.4	43
20	Change of Antibiotic Susceptibility Testing Guidelines from CLSI to EUCAST: Influence on Cumulative Hospital Antibigrams. <i>PLoS ONE</i> , 2013, 8, e79130.	2.5	34
21	Transfer of pathogens to and from patients, healthcare providers, and medical devices during care activity—a systematic review and meta-analysis. <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 1093-1107.	1.8	33
22	The effect of varying multidrug-resistance (MDR) definitions on rates of MDR gram-negative rods. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 193.	4.1	33
23	Risk Factors for Influenza among Health Care Workers during 2009 Pandemic, Toronto, Ontario, Canada. <i>Emerging Infectious Diseases</i> , 2013, 19, 606-615.	4.3	32
24	Non-occupational and occupational factors associated with specific SARS-CoV-2 antibodies among hospital workers – A multicentre cross-sectional study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1336-1344.	6.0	32
25	Multidrug-resistant bacteria in travellers hospitalized abroad: prevalence, characteristics, and influence on clinical outcome. <i>Journal of Hospital Infection</i> , 2012, 82, 254-259.	2.9	30
26	Respiratory Virus Infection and Risk of Invasive Meningococcal Disease in Central Ontario, Canada. <i>PLoS ONE</i> , 2010, 5, e15493.	2.5	26
27	Populations at Risk for Severe or Complicated Avian Influenza H5N1: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e89697.	2.5	24
28	A Hospital-wide Outbreak of <i>Serratia marcescens</i> , and Ishikawa's "Fishbone" Analysis to Support Outbreak Control. <i>Quality Management in Health Care</i> , 2016, 25, 1-7.	0.8	24
29	Effect of perioperative mupirocin and antiseptic body wash on infection rate and causative pathogens in patients undergoing cardiac surgery. <i>American Journal of Infection Control</i> , 2015, 43, e33-e38.	2.3	23
30	Inadequate Perioperative Prophylaxis and Postsurgical Complications After Graft Implantation Are Important Risk Factors for Subsequent Vascular Graft Infections: Prospective Results From the Vascular Graft Infection Cohort Study. <i>Clinical Infectious Diseases</i> , 2019, 69, 621-630.	5.8	23
31	Risk factors for urinary tract infections due to ciprofloxacin-resistant <i>Escherichia coli</i> in a tertiary care urology department in Switzerland. <i>Swiss Medical Weekly</i> , 2010, 140, w13059.	1.6	21
32	Prevalence of SARS-CoV-2 antibodies among Swiss hospital workers: Results of a prospective cohort study. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 604-608.	1.8	20
33	Impact of respirator versus surgical masks on SARS-CoV-2 acquisition in healthcare workers: a prospective multicentre cohort. <i>Antimicrobial Resistance and Infection Control</i> , 2022, 11, 27.	4.1	20
34	Influence of time to diagnosis of severe influenza on antibiotic use, length of stay, isolation precautions, and mortality: a retrospective study. <i>Influenza and Other Respiratory Viruses</i> , 2017, 11, 337-344.	3.4	19
35	When should a diagnosis of influenza be considered in adults requiring intensive care unit admission? Results of population-based active surveillance in Toronto. <i>Critical Care</i> , 2011, 15, R182.	5.8	18
36	Herd effect from influenza vaccination in non-healthcare settings: a systematic review of randomised controlled trials and observational studies. <i>Eurosurveillance</i> , 2016, 21, .	7.0	18

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37	Structure, Process, and Outcome Quality of Surgical Site Infection Surveillance in Switzerland. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 1172-1181.	1.8	18
38	Initial management of and outcome in patients with pneumococcal bacteremia: a retrospective study at a Swiss university hospital, 2003â€“2009. <i>Infection</i> , 2011, 39, 519-526.	4.7	17
39	Influence of Clinical Breakpoint Changes from CLSI 2009 to EUCAST 2011 Antimicrobial Susceptibility Testing Guidelines on Multidrug Resistance Rates of Gram-Negative Rods. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2385-2387.	3.9	16
40	Epidemiology of Methicillin-Susceptible <i>Staphylococcus aureus</i> in a Neonatology Ward. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 1305-1312.	1.8	16
41	Should International Classification of Diseases codes be used to survey hospital-acquired pneumonia?. <i>Journal of Hospital Infection</i> , 2018, 99, 81-84.	2.9	16
42	Antibiotic resistance in Swiss nursing homes: analysis of National Surveillance Data over an 11-year period between 2007 and 2017. <i>Antimicrobial Resistance and Infection Control</i> , 2018, 7, 88.	4.1	16
43	Epidemiology of influenza-associated hospitalization in adults, Toronto, 2007/8. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2010, 29, 835-843.	2.9	15
44	Dose-Dependent Differences in HIV Inhibition by Different Interferon Alpha Subtypes While Having Overall Similar Biologic Effects. <i>MSphere</i> , 2019, 4, .	2.9	14
45	The global outbreak of <i>Mycobacterium chimaera</i> infections in cardiac surgeryâ€”a systematic review of whole-genome sequencing studies and joint analysis. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1613-1620.	6.0	14
46	Absenteeism and presenteeism in healthcare workers due to respiratory illness. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 268-273.	1.8	14
47	Factors associated with methicillin-resistant coagulase-negative staphylococci as causing organisms in deep sternal wound infections after cardiac surgery. <i>New Microbes and New Infections</i> , 2015, 6, 15-21.	1.6	13
48	Transmission Chains of Extended-Spectrum Beta-Lactamase-Producing Enterobacteriaceae at the Companion Animal Veterinary Clinicâ€™Household Interface. <i>Antibiotics</i> , 2021, 10, 171.	3.7	13
49	A deep sternal wound infection caused by <i>Ureaplasma urealyticum</i> . <i>Journal of Medical Microbiology</i> , 2010, 59, 1254-1256.	1.8	12
50	Earlier switching from intravenous to oral antibiotics owing to electronic reminders. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 428-433.	2.5	12
51	Do wearable alcohol-based handrub dispensers increase hand hygiene compliance? - a mixed-methods study. <i>Antimicrobial Resistance and Infection Control</i> , 2018, 7, 143.	4.1	12
52	Antimicrobial prophylaxis and the prevention of surgical site infection in cardiac surgery: an analysis of 21â€™007 patients in Switzerlandâ€™. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 800-806.	1.4	12
53	It is complicated: Potential short- and long-term impact of coronavirus disease 2019 (COVID-19) on antimicrobial resistanceâ€™An expert review. <i>Antimicrobial Stewardship &amp; Healthcare Epidemiology</i> , 2022, 2, .	0.5	12
54	Temporal trends and epidemiology of <i>Staphylococcus aureus</i> surgical site infection in the Swiss surveillance network: a cohort study. <i>Journal of Hospital Infection</i> , 2018, 98, 118-126.	2.9	11

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55	Monitoring HIV DNA and cellular activation markers in HIV-infected humanized mice under cART. <i>Virology Journal</i> , 2018, 15, 191.	3.4	11
56	Identifying the drivers of multidrug-resistant <i>Klebsiella pneumoniae</i> at a European level. <i>PLoS Computational Biology</i> , 2021, 17, e1008446.	3.2	11
57	Low-hanging fruit for human factors design in infection preventionâ€”still too high to reach?. <i>American Journal of Infection Control</i> , 2014, 42, 679-681.	2.3	10
58	Association of <i>Cutibacterium avidum</i> Colonization in the Groin With Obesity: A Potential Risk Factor for Hip Periprosthetic Joint Infection. <i>Clinical Infectious Diseases</i> , 2018, 67, 1878-1882.	5.8	10
59	Eight-year sustainability of a successful intervention to prevent urinary tract infection: A mixed-methods study. <i>American Journal of Infection Control</i> , 2016, 44, 820-824.	2.3	9
60	<i>Cutibacterium avidum</i> resists surgical skin antisepsis in the groinâ€”a potential risk factor for periprosthetic joint infection: a quality control study. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 27.	4.1	9
61	Secondary attack rates from asymptomatic and symptomatic influenza virus shedders in hospitals: Results from the TransFLUas influenza transmission study. <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 312-318.	1.8	9
62	Preventing healthcare-associated infection in Switzerland: Results of a national survey. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 597-600.	1.8	8
63	Effectiveness of an edutainment video teaching standard precautions â€” a randomized controlled evaluation study. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 82.	4.1	7
64	Hand hygiene compliance in companion animal clinics and practices in Switzerland: An observational study. <i>Veterinary Record</i> , 2021, 189, e307.	0.3	7
65	Efavirenz intoxication due to a new CYP2B6 constellation. <i>Antiviral Therapy</i> , 2013, 18, 735-738.	1.0	6
66	The TransFLUas influenza transmission study in acute healthcare - recruitment rates and protocol adherence in healthcare workers and inpatients. <i>BMC Infectious Diseases</i> , 2019, 19, 446.	2.9	6
67	Seasonal differences in central lineâ€”associated bloodstream infection incidence rates in a Central European setting: Results from prospective surveillance. <i>American Journal of Infection Control</i> , 2019, 47, 1011-1013.	2.3	6
68	Disinfecting noncritical medical equipmentâ€”Effectiveness of hydrogen peroxide dry mist as an adjunctive method. <i>American Journal of Infection Control</i> , 2020, 48, 897-902.	2.3	6
69	Association Between Antimicrobial Prophylaxis With Double-Dose Cefuroxime and Surgical Site Infections in Patients Weighing 80 kg or More. <i>JAMA Network Open</i> , 2021, 4, e2138926.	5.9	6
70	Cardiovascular daytime varying effect in cardiac surgery on surgical site infections and 1-year mortality: A prospective cohort study with 22,305 patients. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 727-728.	1.8	5
71	<i>Candida auris</i> â€” recommendations on infection prevention and control measures in Switzerland. <i>Swiss Medical Weekly</i> , 2020, 150, w20297.	1.6	5
72	A comprehensive unit-based safety program for the reduction of surgical site infections in plastic surgery and hand surgery. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 1367-1373.	1.8	4

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73	Reply to Hasenkrug et al., "Different Biological Activities of Specific Interferon Alpha Subtypes" MSphere, 2019, 4, .	2.9	4
74	Surveillance quality correlates with surgical site infection rates in knee and hip arthroplasty and colorectal surgeries: A call to action to adjust reporting of SSI rates. Infection Control and Hospital Epidemiology, 2021, 42, 1451-1457.	1.8	4
75	Temporal trends, risk factors and outcomes of infections due to extended-spectrum $\beta$ -lactamase producing Enterobacterales in Swiss solid organ transplant recipients between 2012 and 2018. Antimicrobial Resistance and Infection Control, 2021, 10, 50.	4.1	4
76	Digital SARS-CoV-2 Detection Among Hospital Employees: Participatory Surveillance Study. JMIR Public Health and Surveillance, 2021, 7, e33576.	2.6	4
77	Abdominal Actinomycosis Mimicking a Malignant Neoplasm. Surgical Infections, 2014, 15, 462-463.	1.4	3
78	Perforation and Bacterial Contamination of Microscope Covers in Lumbar Spinal Decompressive Surgery. Medical Principles and Practice, 2014, 23, 302-306.	2.4	3
79	The Roles of the Charlson Comorbidity Index and Time to First Antibiotic Dose as Predictors of Outcome in Pneumococcal Community-Acquired Pneumonia. Lung, 2016, 194, 769-775.	3.3	3
80	Impact of oral gut decontamination on Staphylococcus aureus colonisation in patients undergoing allogeneic haematopoietic stem cell transplantation. International Journal of Antimicrobial Agents, 2017, 50, 726-729.	2.5	2
81	Does continuity in nursing staff matter? A pilot study on correlation of central line-associated bloodstream infections and employee turnover. Antimicrobial Resistance and Infection Control, 2021, 10, 90.	4.1	2
82	Immunogenicity of a half-dose of adjuvanted 2009 pandemic H1N1 influenza vaccine in adults: a prospective cohort study. European Journal of Clinical Microbiology and Infectious Diseases, 2012, 31, 591-597.	2.9	1
83	Are healthcare personnel at higher risk of seasonal influenza than other working adults?. Infection Control and Hospital Epidemiology, 2020, 41, 267-272.	1.8	1
84	Optimal Timing of Surgical Antimicrobial Prophylaxis with Cefuroxim: Challenging the WHO Guidelines with 121,000 Prospectively Followed Patients. Open Forum Infectious Diseases, 2017, 4, S647-S648.	0.9	0
85	2125. Cardiovascular Daytime Varying Effect on Surgical Site Infections and 1-Year Mortality in Cardiac Surgery. Open Forum Infectious Diseases, 2018, 5, S625-S625.	0.9	0
86	2137. Risk Factors for Surgical Site Infection After Joint Replacement Surgery: Data from the Swiss National Surveillance System. Open Forum Infectious Diseases, 2018, 5, S629-S629.	0.9	0
87	Impact of an electronic alert on prescription patterns of meropenem, voriconazole and caspofungin. BMC Infectious Diseases, 2021, 21, 1263.	2.9	0