

Siegbert Rieg

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,195
citations

218677

26
h-index

182427

51
g-index

115
all docs

115
docs citations

115
times ranked

5443
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of pre-existing and induced SARS-CoV-2-specific CD8+ T cells. <i>Nature Medicine</i> , 2021, 27, 78-85.	30.7	295
2	Rapid and stable mobilization of CD8+ T cells by SARS-CoV-2 mRNA vaccine. <i>Nature</i> , 2021, 597, 268-273.	27.8	279
3	Deficiency of Dermcidin-Derived Antimicrobial Peptides in Sweat of Patients with Atopic Dermatitis Correlates with an Impaired Innate Defense of Human Skin In Vivo. <i>Journal of Immunology</i> , 2005, 174, 8003-8010.	0.8	248
4	<i>Staphylococcus aureus</i> bloodstream infection: A pooled analysis of five prospective, observational studies. <i>Journal of Infection</i> , 2014, 68, 242-251.	3.3	207
5	Mortality of <i>S. aureus</i> bacteremia and infectious diseases specialist consultation – A study of 521 patients in Germany. <i>Journal of Infection</i> , 2009, 59, 232-239.	3.3	165
6	Use of a Simple Criteria Set for Guiding Echocardiography in Nosocomial <i>Staphylococcus aureus</i> Bacteremia. <i>Clinical Infectious Diseases</i> , 2011, 53, 1-9.	5.8	128
7	Within-host evolution of SARS-CoV-2 in an immunosuppressed COVID-19 patient as a source of immune escape variants. <i>Nature Communications</i> , 2021, 12, 6405.	12.8	128
8	Anti-platelet factor 4 antibodies causing VITT do not cross-react with SARS-CoV-2 spike protein. <i>Blood</i> , 2021, 138, 1269-1277.	1.4	102
9	Defining persistent <i>Staphylococcus aureus</i> bacteraemia: secondary analysis of a prospective cohort study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 1409-1417.	9.1	84
10	Generation of Multiple Stable Dermcidin-Derived Antimicrobial Peptides in Sweat of Different Body Sites. <i>Journal of Investigative Dermatology</i> , 2006, 126, 354-365.	0.7	75
11	Expression of innate defense antimicrobial peptides in hidradenitis suppurativa. <i>Journal of the American Academy of Dermatology</i> , 2012, 66, 966-974.	1.2	65
12	First results of the –Lean European Open Survey on SARS-CoV-2-Infected Patients (LEOSS)–. <i>Infection</i> , 2021, 49, 63-73.	4.7	62
13	Adherence to an antibiotic stewardship bundle targeting <i>Staphylococcus aureus</i> blood stream infections at a 200-bed community hospital. <i>Infection</i> , 2014, 42, 713-719.	4.7	56
14	Infectious diseases consultations can make the difference: a brief review and a plea for more infectious diseases specialists in Germany. <i>Infection</i> , 2016, 44, 159-166.	4.7	50
15	Combination antimicrobial therapy in patients with <i>Staphylococcus aureus</i> bacteraemia – a post hoc analysis in 964 prospectively evaluated patients. <i>Clinical Microbiology and Infection</i> , 2017, 23, 406.e1-406.e8.	6.0	49
16	Survival following <i>Staphylococcus aureus</i> bloodstream infection: A prospective multinational cohort study assessing the impact of place of care. <i>Journal of Infection</i> , 2018, 77, 516-525.	3.3	48
17	COVID-19 in-hospital mortality and mode of death in a dynamic and non-restricted tertiary care model in Germany. <i>PLoS ONE</i> , 2020, 15, e0242127.	2.5	47
18	Intestinal decolonization of Enterobacteriaceae producing extended-spectrum β -lactamases (ESBL): a retrospective observational study in patients at risk for infection and a brief review of the literature. <i>BMC Infectious Diseases</i> , 2015, 15, 475.	2.9	42

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19	Early oral switch therapy in low-risk <i>Staphylococcus aureus</i> bloodstream infection (SABATO): study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 450.	1.6	42
20	Resistance against antimicrobial peptides is independent of <i>Escherichia coli</i> AcrAB, <i>Pseudomonas aeruginosa</i> MexAB and <i>Staphylococcus aureus</i> NorA efflux pumps. <i>International Journal of Antimicrobial Agents</i> , 2009, 33, 174-176.	2.5	37
21	Tick-borne lymphadenopathy (TIBOLA) acquired in Southwestern Germany. <i>BMC Infectious Diseases</i> , 2011, 11, 167.	2.9	37
22	Acute fibrinous and organizing pneumonia associated with influenza A/H1N1 pneumonia after lung transplantation. <i>BMC Pulmonary Medicine</i> , 2013, 13, 30.	2.0	37
23	Validation of an internationally derived patient severity phenotype to support COVID-19 analytics from electronic health record data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1411-1420.	4.4	37
24	Differential time to positivity is not predictive for central line-related <i>Staphylococcus aureus</i> bloodstream infection in routine clinical care. <i>Journal of Infection</i> , 2014, 68, 58-61.	3.3	36
25	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. <i>JAMA Network Open</i> , 2021, 4, e2112596.	5.9	33
26	<i>Paenibacillus larvae</i> Bacteremia in Injection Drug Users. <i>Emerging Infectious Diseases</i> , 2010, 16, 487-489.	4.3	31
27	Whipple's disease mimicking rheumatoid arthritis can cause misdiagnosis and treatment failure. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 99.	2.7	30
28	Covid-19 in patients with hematological and solid cancers at a Comprehensive Cancer Center in Germany. <i>Cancer Medicine</i> , 2020, 9, 8412-8422.	2.8	29
29	SARS-CoV-2-specific T-cell epitope repertoire in convalescent and mRNA-vaccinated individuals. <i>Nature Microbiology</i> , 2022, 7, 675-679.	13.3	29
30	<i>Staphylococcal</i> disease in Africa: another neglected "tropical" disease. <i>Future Microbiology</i> , 2013, 8, 17-26.	2.0	26
31	Microarray-Based Genotyping and Clinical Outcomes of <i>Staphylococcus aureus</i> Bloodstream Infection: An Exploratory Study. <i>PLoS ONE</i> , 2013, 8, e71259.	2.5	25
32	Neurological symptoms and complications in predominantly hospitalized COVID-19 patients: Results of the European multinational Lean European Open Survey on SARS-CoV-2 Infected Patients (LEOSS). <i>European Journal of Neurology</i> , 2021, 28, 3925-3937.	3.3	25
33	Vancomycin-resistant <i>Enterococcus faecium</i> colonizing patients on hospital admission in Germany: prevalence and molecular epidemiology. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2743-2751.	3.0	23
34	Serum Protein Profiling Reveals a Specific Upregulation of the Immunomodulatory Protein Progranulin in Coronavirus Disease 2019. <i>Journal of Infectious Diseases</i> , 2021, 223, 775-784.	4.0	21
35	Comparison of different anticoagulation strategies for renal replacement therapy in critically ill patients with COVID-19: a cohort study. <i>BMC Nephrology</i> , 2020, 21, 486.	1.8	20
36	Elevated markers of thrombo-inflammatory activation predict outcome in patients with cardiovascular comorbidities and COVID-19 disease: insights from the LEOSS registry. <i>Clinical Research in Cardiology</i> , 2021, 110, 1029-1040.	3.3	19

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37	Differential activity of innate defense antimicrobial peptides against <i>Nocardia</i> species. <i>BMC Microbiology</i> , 2010, 10, 61.	3.3	18
38	Amino acid alterations in fibronectin binding protein A (FnBPA) and bacterial genotype are associated with cardiac device related infection in <i>Staphylococcus aureus</i> bacteraemia. <i>Journal of Infection</i> , 2015, 70, 153-159.	3.3	18
39	Prediction of COVID-19 deterioration in high-risk patients at diagnosis: an early warning score for advanced COVID-19 developed by machine learning. <i>Infection</i> , 2021, , 1.	4.7	18
40	Five cases of vector-borne <i>Francisella tularensis holarctica</i> infections in south-western Germany and genetic diversity. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 808-812.	2.7	17
41	Early and Rapid Identification of COVID-19 Patients with Neutralizing Type I Interferon Auto-antibodies. <i>Journal of Clinical Immunology</i> , 2022, 42, 1111-1129.	3.8	17
42	The innate defense antimicrobial peptides hBD3 and RNase7 are induced in human umbilical vein endothelial cells by classical inflammatory cytokines but not Th17 cytokines. <i>Microbes and Infection</i> , 2015, 17, 353-359.	1.9	15
43	Extracorporeal membrane oxygenation in <i>Pneumocystis jirovecii</i> pneumonia: outcome in HIV and non-HIV patients. <i>Critical Care</i> , 2019, 23, 356.	5.8	15
44	Fatal hemophagocytic syndrome in a patient with a previously well-controlled asymptomatic HIV infection after EBV reactivation. <i>Journal of Infection</i> , 2012, 64, 110-112.	3.3	14
45	Clinical course and predictive risk factors for fatal outcome of SARS-CoV-2 infection in patients with chronic kidney disease. <i>Infection</i> , 2021, 49, 725-737.	4.7	14
46	<i>Staphylococcus aureus</i> bacteremia in patients with rheumatoid arthritis – Data from the prospective INSTINCT cohort. <i>Journal of Infection</i> , 2017, 74, 575-584.	3.3	13
47	Outcomes of SARS-CoV-2 Infections in Patients with Neurodegenerative Diseases in the LEOSS Cohort. <i>Movement Disorders</i> , 2021, 36, 791-793.	3.9	13
48	Specific Risk Factors for Fatal Outcome in Critically Ill COVID-19 Patients: Results from a European Multicenter Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 3855.	2.4	12
49	Influence of immunosuppression in patients with severe acute respiratory distress syndrome on veno-venous extracorporeal membrane oxygenation therapy. <i>Artificial Organs</i> , 2021, 45, 1050-1060.	1.9	11
50	Polymorphisms in Fibronectin Binding Proteins A and B among <i>Staphylococcus aureus</i> Bloodstream Isolates Are Not Associated with Arthroplasty Infection. <i>PLoS ONE</i> , 2015, 10, e0141436.	2.5	10
51	Differential induction of innate defense antimicrobial peptides in primary nasal epithelial cells upon stimulation with inflammatory cytokines, Th17 cytokines or bacterial conditioned medium from <i>Staphylococcus aureus</i> isolates. <i>Microbial Pathogenesis</i> , 2016, 90, 69-77.	2.9	10
52	Determining vancomycin Etest MICs in patients with MRSA bloodstream infection does not support switching antimicrobials. <i>Journal of Infection</i> , 2017, 74, 248-259.	3.3	10
53	Combination therapy with rifampicin or fosfomycin in patients with <i>Staphylococcus aureus</i> bloodstream infection at high risk for complications or relapse: results of a large prospective observational cohort. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2282-2290.	3.0	10
54	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19. <i>Scientific Reports</i> , 2021, 11, 20238.	3.3	10

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55	Myelodysplastic syndrome with complex karyotype associated with long-term highly active antiretroviral therapy. <i>British Journal of Haematology</i> , 2009, 145, 670-673.	2.5	9
56	Case Report and Genetic Sequence Analysis of <i>Candidatus</i> <i>Borrelia kalamaharica</i> , Southern Africa. <i>Emerging Infectious Diseases</i> , 2018, 24, 1659-1664.	4.3	9
57	Effect of Clinically Uninfected Orthopedic Implants and Pacemakers/AICDs in Low-Risk <i>Staphylococcus aureus</i> Bloodstream Infection on Crude Mortality Rate: A Post Hoc Analysis of a Large Cohort Study. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz170.	0.9	9
58	Protocol update for the SABATO trial: a randomized controlled trial to assess early oral switch therapy in low-risk <i>Staphylococcus aureus</i> bloodstream infection. <i>Trials</i> , 2020, 21, 175.	1.6	9
59	Therapy with lopinavir/ritonavir and hydroxychloroquine is associated with acute kidney injury in COVID-19 patients. <i>PLoS ONE</i> , 2021, 16, e0249760.	2.5	9
60	Pre-medication with oral anticoagulants is associated with better outcomes in a large multinational COVID-19 cohort with cardiovascular comorbidities. <i>Clinical Research in Cardiology</i> , 2022, 111, 322-332.	3.3	9
61	<i>Staphylococcus aureus</i> bacteremia with iliac artery endarteritis in a patient receiving ustekinumab. <i>BMC Infectious Diseases</i> , 2016, 16, 586.	2.9	8
62	<i>Staphylococcus aureus</i> bloodstream infection in patients with ventricular assist devices—Management and outcome in a prospective bicenter cohort. <i>Journal of Infection</i> , 2018, 77, 30-37.	3.3	8
63	Infectious disease services: a survey from four university hospitals in Germany. <i>Infection</i> , 2019, 47, 27-33.	4.7	8
64	A Single-Center Prospective Cohort Study on Postsplenectomy Sepsis and its Prevention. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa050.	0.9	8
65	Quiz Page June 2007. <i>American Journal of Kidney Diseases</i> , 2007, 49, A49-A50.	1.9	7
66	Expression of the sweat-derived innate defence antimicrobial peptide dermcidin is not impaired in <i>Staphylococcus aureus</i> colonization or recurrent skin infections. <i>Clinical and Experimental Dermatology</i> , 2014, 39, 209-212.	1.3	7
67	Management of superficial and deep-seated <i>Staphylococcus aureus</i> skin and soft tissue infections in sub-Saharan Africa: a post hoc analysis of the StaphNet cohort. <i>Infection</i> , 2018, 46, 395-404.	4.7	7
68	Investigating the Impact of Early Valve Surgery on Survival in <i>Staphylococcus aureus</i> Infective Endocarditis Using a Marginal Structural Model Approach: Results of a Large, Prospectively Evaluated Cohort. <i>Clinical Infectious Diseases</i> , 2019, 69, 487-494.	5.8	6
69	Development and validation of a simplified risk score for the prediction of critical COVID-19 illness in newly diagnosed patients. <i>Journal of Medical Virology</i> , 2021, 93, 6703-6713.	5.0	6
70	Complement system component dysregulation is a distinctive feature of COVID-19 disease: a prospective and comparative analysis of patients admitted to the emergency department for suspected COVID-19 disease. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, , 1.	2.1	6
71	Machine Learning Based Prediction of COVID-19 Mortality Suggests Repositioning of Anticancer Drug for Treating Severe Cases. <i>Artificial Intelligence in the Life Sciences</i> , 2021, 1, 100020.	2.2	6
72	Susceptibility of clinical <i>Staphylococcus aureus</i> isolates to innate defense antimicrobial peptides. <i>Microbes and Infection</i> , 2011, 13, 761-765.	1.9	5

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73	Rifampicin in treating S aureus bacteraemia. Lancet, The, 2018, 392, 554-555.	13.7	5
74	Prevention of post-splenectomy sepsis in patients with asplenia - a study protocol of a controlled trial. BMC Infectious Diseases, 2020, 20, 41.	2.9	5
75	Angiotensin II receptor blocker intake associates with reduced markers of inflammatory activation and decreased mortality in patients with cardiovascular comorbidities and COVID-19 disease. PLoS ONE, 2021, 16, e0258684.	2.5	5
76	Enterococcus faecalis bloodstream infection: does infectious disease specialist consultation make a difference?. Infection, 2021, 49, 1289-1297.	4.7	5
77	Impact of Immunosuppressive Agents on Clinical Manifestations and Outcome of Staphylococcus aureus Bloodstream Infection: A Propensity Score-Matched Analysis in 2 Large, Prospectively Evaluated Cohorts. Clinical Infectious Diseases, 2021, 73, 1239-1247.	5.8	4
78	Staphylococcus aureus Bloodstream Infection in Patients with Atopic Dermatitis, or: Think Twice Before Placing a Venous Catheter into Lesional Atopic Skin. Journal of Investigative Dermatology, 2020, 140, 1870-1872.	0.7	3
79	Reducing burden from respiratory infections in refugees and immigrants: a systematic review of interventions in OECD, EU, EEA and EU-applicant countries. BMC Infectious Diseases, 2021, 21, 872.	2.9	3
80	S2k-Leitlinie* "Diagnostik und Therapie der Syphilis" Kurzfassung S2k guideline* "Diagnosis and therapy of syphilis" short version. JDDG - Journal of the German Society of Dermatology, 2015, 13, 472-481.	0.8	2
81	Infectious disease consultation for candidaemia. Lancet Infectious Diseases, The, 2020, 20, 164-165.	9.1	2
82	Impact of neutropenia on clinical manifestations and outcome of Staphylococcus aureus bloodstream infection: a propensity score-based overlap weight analysis in two large, prospectively evaluated cohorts. Clinical Microbiology and Infection, 2022, 28, 1149.e1-1149.e9.	6.0	2
83	Reply to Krause et al.. Journal of Infection, 2014, 69, 294-295.	3.3	1
84	Antimicrobial Stewardship with and without Infectious Diseases Specialist Services to Improve Quality-of-Care in Secondary and Tertiary Care Hospitals in Germany: Study Protocol of the ID ROLL OUT Study. Infectious Diseases and Therapy, 2022, 11, 617-628.	4.0	1
85	Closing Sexual Health Service Gaps With a New Service Model in Germany: Performance of an on-Site Integrated, Cross-Sectoral, Low Threshold Sexually Transmitted Infections/HIV Counseling and Treatment Service. Frontiers in Public Health, 2022, 10, 793609.	2.7	1
86	Screening for Infectious Diseases on Arrival and Integrated Healthcare for Refugees and Asylum Seekers During the First Months After Arrival. Migration, Minorities and Modernity, 2019, , 75-85.	0.0	0
87	Title is missing!. , 2020, 15, e0242127.		0
88	Title is missing!. , 2020, 15, e0242127.		0
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