

Frank Hanses

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,791
citations

201674

27
h-index

197818

49
g-index

88
all docs

88
docs citations

88
times ranked

4692
citing authors

#	ARTICLE	IF	CITATIONS
1	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	27.8	375
2	COVID-19-associated Pulmonary Aspergillosis, March-August 2020. <i>Emerging Infectious Diseases</i> , 2021, 27, 1077-1086.	4.3	175
3	Epidemiology of SARS-CoV-2. <i>Infection</i> , 2021, 49, 233-239.	4.7	158
4	Early IFN- γ signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. <i>Immunity</i> , 2021, 54, 2650-2669.e14.	14.3	145
5	COVID-19 in cancer patients: clinical characteristics and outcome—an analysis of the LEOSS registry. <i>Annals of Hematology</i> , 2021, 100, 383-393.	1.8	127
6	Influenza pandemic and professional duty: family or patients first? A survey of hospital employees. <i>BMC Public Health</i> , 2006, 6, 311.	2.9	126
7	A highly specific and sensitive serological assay detects SARS-CoV-2 antibody levels in COVID-19 patients that correlate with neutralization. <i>Infection</i> , 2021, 49, 75-82.	4.7	118
8	Defects in Innate Immunity Predispose C57BL/6J- <i>Lepr</i> ^{db} / <i>Lepr</i> ^{db} Mice to Infection by <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2009, 77, 1008-1014.	2.2	102
9	Healthcare-associated outbreaks and community-acquired infections due to MRSA carrying the Panton-Valentine leucocidin gene in southeastern Germany. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2005, 24, 419-422.	2.9	97
10	Outcome-related co-factors in 105 cases of vertebral osteomyelitis in a tertiary care hospital. <i>Infection</i> , 2014, 42, 503-510.	4.7	66
11	Reduced Neutrophil Apoptosis in Diabetic Mice during Staphylococcal Infection Leads to Prolonged Tnf α Production and Reduced Neutrophil Clearance. <i>PLoS ONE</i> , 2011, 6, e23633.	2.5	66
12	Molecular epidemiology of Nigerian and Ghanaian measles virus isolates reveals a genotype circulating widely in western and central Africa. <i>Journal of General Virology</i> , 1999, 80, 871-877.	2.9	65
13	First results of the European Open Survey on SARS-CoV-2-Infected Patients (LEOSS). <i>Infection</i> , 2021, 49, 63-73.	4.7	62
14	Incidence and Prognosis of CMV Disease in HIV-Infected Patients before and after Introduction of Combination Antiretroviral Therapy. <i>Infection</i> , 2005, 33, 345-349.	4.7	50
15	Detailed stratified GWAS analysis for severe COVID-19 in four European populations. <i>Human Molecular Genetics</i> , 2022, 31, 3945-3966.	2.9	46
16	C1q/TNF-related protein-3 (CTRP-3) attenuates lipopolysaccharide (LPS)-induced systemic inflammation and adipose tissue Erk-1/2 phosphorylation in mice in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 8-13.	2.1	45
17	Genetic variability of measles viruses circulating in the Benelux. <i>Archives of Virology</i> , 2000, 145, 541-551.	2.1	41
18	Clinical significance of coagulase-negative staphylococci other than <i>S. epidermidis</i> blood stream isolates at a tertiary care hospital. <i>Infection</i> , 2017, 45, 179-186.	4.7	41

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19	Sortase A promotes virulence in experimental <i>Staphylococcus lugdunensis</i> endocarditis. <i>Microbiology (United Kingdom)</i> , 2013, 159, 2141-2152.	1.8	40
20	Lack of antibodies against seasonal coronavirus OC43 nucleocapsid protein identifies patients at risk of critical COVID-19. <i>Journal of Clinical Virology</i> , 2021, 139, 104847.	3.1	37
21	<i>Staphylococcus aureus</i> Infection in Humanized Mice: A New Model to Study Pathogenicity Associated With Human Immune Response. <i>Journal of Infectious Diseases</i> , 2015, 212, 435-444.	4.0	36
22	<i>in vivo</i> Suppression of Visfatin by Oral Glucose Uptake: Evidence for a Novel Incretin-Like Effect by Glucagon-Like Peptide-1 (GLP-1). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 2493-2501.	3.6	34
23	<i>Leishmania major</i> Infection in Humanized Mice Induces Systemic Infection and Provokes a Nonprotective Human Immune Response. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1741.	3.0	32
24	Humanized Mice, a New Model To Study the Influence of Drug Treatment on Neonatal Sepsis. <i>Infection and Immunity</i> , 2013, 81, 1520-1531.	2.2	31
25	Risk factors associated with long-term prognosis of patients with <i>Staphylococcus aureus</i> bacteremia. <i>Infection</i> , 2010, 38, 465-470.	4.7	30
26	Intracellular Survival of <i>Staphylococcus aureus</i> in Adipocyte-Like Differentiated 3T3-L1 Cells Is Glucose Dependent and Alters Cytokine, Chemokine, and Adipokine Secretion. <i>Endocrinology</i> , 2011, 152, 4148-4157.	2.8	29
27	Coronavirus disease 2019 induces multi-lineage, morphologic changes in peripheral blood cells. <i>EJHaem</i> , 2020, 1, 376-383.	1.0	28
28	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
29	Metabolic imbalance of T cells in COVID-19 is hallmarked by basigin and mitigated by dexamethasone. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	25
30	The Novel Adipokine C1q/TNF-related Protein-3 is Expressed in Human Adipocytes and Regulated by Metabolic and Infection-related Parameters. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2012, 120, 611-617.	1.2	24
31	Innate Immunity of Adipose Tissue in Rodent Models of Local and Systemic <i>Staphylococcus aureus</i> Infection. <i>Mediators of Inflammation</i> , 2017, 2017, 1-13.	3.0	24
32	RNA-expression of adrenomedullin is increased in patients with severe COVID-19. <i>Critical Care</i> , 2020, 24, 527.	5.8	24
33	<i>Staphylococcus aureus</i> gene expression in a rat model of infective endocarditis. <i>Genome Medicine</i> , 2014, 6, 93.	8.2	23
34	Epidemiology of candidemia and impact of infectious disease consultation on survival and care. <i>Infection</i> , 2020, 48, 275-284.	4.7	20
35	Antibiotic resistance in <i>E. coli</i> isolates from patients with urinary tract infections presenting to the emergency department. <i>Infection</i> , 2018, 46, 325-331.	4.7	19
36	Dalbavancin as long-term suppressive therapy for patients with Gram-positive bacteremia due to an intravascular source—a series of four cases. <i>Infection</i> , 2021, 49, 181-186.	4.7	18

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37	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
38	Perceived risks of adverse effects and influenza vaccination: a survey of hospital employees. <i>European Journal of Public Health</i> , 2010, 20, 495-499.	0.3	17
39	Gastrointestinal bleeding and endoscopic findings in critically and noncritically ill patients with corona virus disease 2019 (COVID-19): Results from Lean European Open Survey on SARS-CoV-2 (LEOSS) and COKA registries. <i>United European Gastroenterology Journal</i> , 2021, 9, 1081-1090.	3.8	17
40	Obesity and Impaired Metabolic Health Increase Risk of COVID-19-Related Mortality in Young and Middle-Aged Adults to the Level Observed in Older People: The LEOSS Registry. <i>Frontiers in Medicine</i> , 2022, 9, .	2.6	17
41	Role of progranulin in adipose tissue innate immunity. <i>Cytokine</i> , 2020, 125, 154796.	3.2	16
42	Evaluation of different measles IgG assays based on recombinant proteins using a panel of low-titre sera. <i>Journal of Virological Methods</i> , 2000, 84, 191-200.	2.1	15
43	Secondary hemophagocytic lymphohistiocytosis and severe liver injury induced by hepatic SARS-CoV-2 infection unmasking Wilson's disease: Balancing immunosuppression. <i>International Journal of Infectious Diseases</i> , 2021, 103, 624-627.	3.3	15
44	Kidney injury molecule-1: potential biomarker of acute kidney injury and disease severity in patients with COVID-19. <i>Journal of Nephrology</i> , 2021, 34, 1007-1018.	2.0	14
45	Solid organ transplantation is not a risk factor for COVID-19 disease outcome. <i>Transplant International</i> , 2021, 34, 378-381.	1.6	13
46	Contribution of High Viral Loads, Detection of Viral Antigen and Seroconversion to Severe Acute Respiratory Syndrome Coronavirus 2 Infectivity. <i>Journal of Infectious Diseases</i> , 2022, 225, 190-198.	4.0	13
47	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
48	Decreased GLUT1/NHE1 RNA expression in whole blood predicts disease severity in patients with COVID-19. <i>ESC Heart Failure</i> , 2021, 8, 309-316.	3.1	11
49	Severe T cell hyporeactivity in ventilated COVID-19 patients correlates with prolonged virus persistence and poor outcomes. <i>Nature Communications</i> , 2021, 12, 3006.	12.8	11
50	Candida Endocarditis in Patients with Candidemia: A Single-Center Experience of 14 Cases. <i>Mycopathologia</i> , 2020, 185, 1057-1067.	3.1	11
51	Severe and long lasting cholestasis after high-dose co-trimoxazole treatment for Pneumocystis pneumonia in HIV-infected patients—a report of two cases. <i>International Journal of Infectious Diseases</i> , 2009, 13, e467-e469.	3.3	10
52	COVID-19 mortality in cirrhosis is determined by cirrhosis-associated comorbidities and extrahepatic organ failure: Results from the multinational LEOSS registry. <i>United European Gastroenterology Journal</i> , 2022, 10, 409-424.	3.8	10
53	Diagnostic value of FDG PET/CT imaging in patients with surgically managed infective endocarditis: results of a retrospective analysis at a tertiary center. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1191-1204.	2.1	9
54	Influenza vaccination coverage among emergency department personnel is associated with perception of vaccination and side effects, vaccination availability on site and the COVID-19 pandemic. <i>PLoS ONE</i> , 2021, 16, e0260213.	2.5	9

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55	All-cause mortality and disease progression in SARS-CoV-2-infected patients with or without antibiotic therapy: an analysis of the LEOSS cohort. <i>Infection</i> , 2021, 50, 423.	4.7	6
56	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
57	Angiotensin II receptor blocker intake associates with reduced markers of inflammatory activation and decreased mortality in patients with cardiovascular comorbidities and COVID-19 disease. <i>PLoS ONE</i> , 2021, 16, e0258684.	2.5	5
58	Animal experimental investigation on the efficacy of antibiotic therapy with linezolid, vancomycin, cotrimoxazole, and rifampin in treatment of periprosthetic knee joint infections by MRSA. <i>Bone and Joint Research</i> , 2022, 11, 143-151.	3.6	5
59	Are histopathological findings of diagnostic value in native valve endocarditis?. <i>Infection</i> , 2013, 41, 637-643.	4.7	4
60	Lack of evidence for persistent nasal colonization with community-acquired methicillin-resistant <i>Staphylococcus aureus</i> in a central European cohort. <i>Clinical Microbiology and Infection</i> , 2011, 17, 466-468.	6.0	3
61	Polymicrobial soft tissue infection including <i>Shewanella putrefaciens</i> . <i>Infection</i> , 2016, 44, 563-564.	4.7	3
62	Lemierre's syndrome following infectious mononucleosis: an unusual reason for neck pain. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1050.	9.1	2
63	A Multicentre, Prospective, and Retrospective Registry to Characterize the Use, Effectiveness, and Safety of Dalbavancin in German Clinical Practice. <i>Antibiotics</i> , 2022, 11, 563.	3.7	2
64	Massive Pulmonary Embolism after a Short Episode of Physical Restraint in an Adolescent Psychiatric Patient. <i>Journal of Pediatric Intensive Care</i> , 2019, 08, 247-250.	0.8	1
65	SARS-CoV-2 infection in chronic kidney disease patients with pre-existing dialysis: description across different pandemic intervals and effect on disease course (mortality). <i>Infection</i> , 2023, 51, 71-81.	4.7	1