

Lukas Fenner

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,926
citations

331259

21
h-index

301761

39
g-index

69
all docs

69
docs citations

69
times ranked

2998
citing authors

#	ARTICLE	IF	CITATIONS
1	Mycobacterium tuberculosis lineage 4 comprises globally distributed and geographically restricted sublineages. <i>Nature Genetics</i> , 2016, 48, 1535-1543.	9.4	326
2	Effect of Mutation and Genetic Background on Drug Resistance in Mycobacterium tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3047-3053.	1.4	115
3	Standard Genotyping Overestimates Transmission of Mycobacterium tuberculosis among Immigrants in a Low-Incidence Country. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1862-1870.	1.8	94
4	Early Mortality and Loss to Follow-up in HIV-Infected Children Starting Antiretroviral Therapy in Southern Africa. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2010, 54, 524-532.	0.9	88
5	Tracking a Tuberculosis Outbreak Over 21 Years: Strain-Specific Single-Nucleotide Polymorphism Typing Combined With Targeted Whole-Genome Sequencing. <i>Journal of Infectious Diseases</i> , 2015, 211, 1306-1316.	1.9	82
6	Transmission risk of SARS-CoV-2 to healthcare workers – observational results of a primary care hospital contact tracing. <i>Swiss Medical Weekly</i> , 2020, 150, w20257.	0.8	81
7	HIV Infection Disrupts the Sympatric Host-Pathogen Relationship in Human Tuberculosis. <i>PLoS Genetics</i> , 2013, 9, e1003318.	1.5	78
8	Phylogenomics of Mycobacterium africanum reveals a new lineage and a complex evolutionary history. <i>Microbial Genomics</i> , 2021, 7, .	1.0	71
9	“Pseudo-Beijing” Evidence for Convergent Evolution in the Direct Repeat Region of Mycobacterium tuberculosis. <i>PLoS ONE</i> , 2011, 6, e24737.	1.1	51
10	Anemia in tuberculosis cases and household controls from Tanzania: Contribution of disease, coinfections, and the role of hepcidin. <i>PLoS ONE</i> , 2018, 13, e0195985.	1.1	49
11	Drug susceptibility testing and mortality in patients treated for tuberculosis in high-burden countries: a multicentre cohort study. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 298-307.	4.6	45
12	Mycobacterium tuberculosis Transmission in a Country with Low Tuberculosis Incidence: Role of Immigration and HIV Infection. <i>Journal of Clinical Microbiology</i> , 2012, 50, 388-395.	1.8	41
13	Diagnostic delay and associated factors among patients with pulmonary tuberculosis in Dar es Salaam, Tanzania. <i>Infectious Diseases of Poverty</i> , 2017, 6, 64.	1.5	39
14	HIV viral load as an independent risk factor for tuberculosis in South Africa: collaborative analysis of cohort studies. <i>Journal of the International AIDS Society</i> , 2017, 20, 21327.	1.2	38
15	Prevalence and clinical relevance of helminth co-infections among tuberculosis patients in urban Tanzania. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005342.	1.3	36
16	Influenza Pandemics and Tuberculosis Mortality in 1889 and 1918: Analysis of Historical Data from Switzerland. <i>PLoS ONE</i> , 2016, 11, e0162575.	1.1	32
17	Tuberculosis transmission in public locations in Tanzania: A novel approach to studying airborne disease transmission. <i>Journal of Infection</i> , 2017, 75, 191-197.	1.7	30
18	Multiple Introductions of Mycobacterium tuberculosis Lineage 2 “Beijing Into Africa Over Centuries. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	29

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19	Implementation of Tuberculosis Intensive Case Finding, Isoniazid Preventive Therapy, and Infection Control ("Three I's") and HIV-Tuberculosis Service Integration in Lower Income Countries. PLoS ONE, 2016, 11, e0153243.	1.1	24
20	Diagnosis and clinical outcomes of extrapulmonary tuberculosis in antiretroviral therapy programmes in low- and middle-income countries: a multicohort study. Journal of the International AIDS Society, 2019, 22, e25392.	1.2	24
21	Tuberculosis in Antiretroviral Treatment Programs in Lower Income Countries: Availability and Use of Diagnostics and Screening. PLoS ONE, 2013, 8, e77697.	1.1	23
22	Do Instructional Videos on Sputum Submission Result in Increased Tuberculosis Case Detection? A Randomized Controlled Trial. PLoS ONE, 2015, 10, e0138413.	1.1	23
23	AMBITION-cm: intermittent high dose AmBisome on a high dose fluconazole backbone for cryptococcal meningitis induction therapy in sub-Saharan Africa: study protocol for a randomized controlled trial. Trials, 2015, 16, 276.	0.7	22
24	Tuberculosis Treatment Outcomes Among HIV/TB-Coinfected Children in the International Epidemiology Databases to Evaluate AIDS (IeDEA) Network. Journal of Acquired Immune Deficiency Syndromes (1999), 2017, 75, 156-163.	0.9	22
25	Trends in influenza vaccination uptake in Switzerland: Swiss Health Survey 2007 and 2012. Swiss Medical Weekly, 2019, 149, w14705.	0.8	22
26	Immune Recovery After Starting ART in HIV-Infected Patients Presenting and Not Presenting With Tuberculosis in South Africa. Journal of Acquired Immune Deficiency Syndromes (1999), 2013, 63, 142-145.	0.9	21
27	Local adaptation in populations of Mycobacterium tuberculosis endemic to the Indian Ocean Rim. F1000Research, 2021, 10, 60.	0.8	21
28	Tuberculosis and the risk of opportunistic infections and cancers in HIV-infected patients starting ART in Southern Africa. Tropical Medicine and International Health, 2013, 18, 194-198.	1.0	20
29	Iron homeostasis during anemia of inflammation: a prospective study of patients with tuberculosis. Blood, 2021, 138, 1293-1303.	0.6	20
30	Managing research and surveillance projects in real-time with a novel open-source e Management tool designed for under-resourced countries. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 916-923.	2.2	19
31	Tuberculosis outbreak investigation using phylodynamic analysis. Epidemics, 2018, 25, 47-53.	1.5	19
32	Mortality from drug-resistant tuberculosis in high-burden countries comparing routine drug susceptibility testing with whole-genome sequencing: a multicentre cohort study. Lancet Microbe, The, 2021, 2, e320-e330.	3.4	19
33	Assessing stool quantities generated by three specific Kato-Katz thick smear templates employed in different settings. Infectious Diseases of Poverty, 2016, 5, 58.	1.5	18
34	Explaining patient delay in healthcare seeking and loss to diagnostic follow-up among patients with presumptive tuberculosis in Tanzania: a mixed-methods study. BMC Health Services Research, 2019, 19, 217.	0.9	17
35	Tuberculosis Mortality and Living Conditions in Bern, Switzerland, 1856-1950. PLoS ONE, 2016, 11, e0149195.	1.1	17
36	Preservation of sputum samples with cetylpyridinium chloride (CPC) for tuberculosis cultures and Xpert MTB/RIF in a low-income country. BMC Infectious Diseases, 2017, 17, 542.	1.3	16

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37	Vaccination willingness for COVID-19 among healthcare workers: a cross-sectional survey in a Swiss canton. <i>Swiss Medical Weekly</i> , 2021, 151, w30061.	0.8	15
38	Tuberculosis in Pediatric Antiretroviral Therapy Programs in Low- and Middle-Income Countries: Diagnosis and Screening Practices. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2015, 4, 30-38.	0.6	14
39	Distinct clinical characteristics and helminth co-infections in adult tuberculosis patients from urban compared to rural Tanzania. <i>Infectious Diseases of Poverty</i> , 2018, 7, 24.	1.5	14
40	Tuberculosis in HIV-Negative and HIV-Infected Patients in a Low-Incidence Country: Clinical Characteristics and Treatment Outcomes. <i>PLoS ONE</i> , 2012, 7, e34186.	1.1	13
41	Local adaptation in populations of <i>Mycobacterium tuberculosis</i> endemic to the Indian Ocean Rim. <i>F1000Research</i> , 2021, 10, 60.	0.8	13
42	Schistosoma, other helminth infections, and associated risk factors in preschool-aged children in urban Tanzania. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006017.	1.3	12
43	Natural Polymorphisms in <i>Mycobacterium tuberculosis</i> Conferring Resistance to Delamanid in Drug-Naïve Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	12
44	Losing ground at the wrong time: trends in self-reported influenza vaccination uptake in Switzerland, Swiss Health Survey 2007â€“2017. <i>BMJ Open</i> , 2021, 11, e041354.	0.8	11
45	Insights into the genetic diversity of <i>Mycobacterium tuberculosis</i> in Tanzania. <i>PLoS ONE</i> , 2019, 14, e0206334.	1.1	10
46	Immunologic-based Diagnosis of Latent Tuberculosis Among Children Younger Than 5 Years of Age Exposed and Unexposed to Tuberculosis in Tanzania. <i>Pediatric Infectious Disease Journal</i> , 2019, 38, 333-339.	1.1	10
47	Home-Based and Facility-Based Directly Observed Therapy of Tuberculosis Treatment under Programmatic Conditions in Urban Tanzania. <i>PLoS ONE</i> , 2016, 11, e0161171.	1.1	9
48	The Sputum Microbiome in Pulmonary Tuberculosis and Its Association With Disease Manifestations: A Cross-Sectional Study. <i>Frontiers in Microbiology</i> , 2021, 12, 633396.	1.5	9
49	Medical use of cannabis in Switzerland: analysis of approved exceptional licences. <i>Swiss Medical Weekly</i> , 2017, 147, w14463.	0.8	8
50	HIV Coinfection Is Associated with Low-Fitness <i>rpoB</i> Variants in Rifampicin-Resistant <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	7
51	Pathways and associated costs of care in patients with confirmed and presumptive tuberculosis in Tanzania: A cross-sectional study. <i>BMJ Open</i> , 2019, 9, e025079.	0.8	6
52	Seasonal variations in tuberculosis diagnosis among HIV-positive individuals in Southern Africa: analysis of cohort studies at antiretroviral treatment programmes. <i>BMJ Open</i> , 2018, 8, e017405.	0.8	5
53	Boosting effect of IL-7 in interferon gamma release assays to diagnose <i>Mycobacterium tuberculosis</i> infection. <i>PLoS ONE</i> , 2018, 13, e0202525.	1.1	5
54	Use and caregiver-reported efficacy of medical cannabis in children and adolescents in Switzerland. <i>European Journal of Pediatrics</i> , 2022, 181, 335-347.	1.3	5

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55	Seroprevalence of SARS-CoV-2 in healthcare workers from outpatient facilities and retirement or nursing homes in a Swiss canton. <i>Swiss Medical Weekly</i> , 2021, 151, w30021.	0.8	5
56	Estimating Tuberculosis Transmission Risks in a Primary Care Clinic in South Africa: Modeling of Environmental and Clinical Data. <i>Journal of Infectious Diseases</i> , 2022, 225, 1642-1652.	1.9	5
57	Alpha Variant Coronavirus Outbreak in a Nursing Home Despite High Vaccination Coverage: Molecular, Epidemiological, and Immunological Studies. <i>Clinical Infectious Diseases</i> , 2023, 77, 537-546.	2.9	5
58	Novel approach to estimate tuberculosis transmission in primary care clinics in sub-Saharan Africa: protocol of a prospective study. <i>BMJ Open</i> , 2020, 10, e036214.	0.8	4
59	Trends in the use of mammography for early breast cancer detection in Switzerland: Swiss Health Surveys 2007 and 2012. <i>Swiss Medical Weekly</i> , 2018, 148, w14603.	0.8	3
60	Integrating services for HIV and multidrug-resistant tuberculosis: A global cross-sectional survey among ART clinics in low- and middle-income countries. <i>PLOS Global Public Health</i> , 2022, 2, e0000180.	0.5	3
61	Real-world use and outcomes of dolutegravir-containing antiretroviral therapy in HIV and tuberculosis co-infection: a site survey and cohort study in sub-Saharan Africa. <i>Journal of the International AIDS Society</i> , 2022, 25, .	1.2	3
62	In reply to "Pre-screening with GeneXpert® MTB/RIF may increase use of isoniazid preventive therapy in antiretroviral programmes" [Correspondence]. <i>International Journal of Tuberculosis and Lung Disease</i> , 2011, 15, 1273-1274.	0.6	1
63	Directly observed therapy and risk of unfavourable tuberculosis treatment outcomes among an international cohort of people living with HIV in low- and middle-income countries. <i>Journal of the International AIDS Society</i> , 2019, 22, e25423.	1.2	1
64	Contagion and Public Health in Switzerland: Wilhelm Ost, MD (1853-1922), Polizeiarzt. <i>American Journal of Public Health</i> , 2018, 108, 629-630.	1.5	0