Stefan Berg

List of Publications by Year in descending order

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55 papers	3,543 citations	186265 28 h-index	161849 54 g-index
63 all docs	63 docs citations	63 times ranked	3469 citing authors

#	Article	IF	Citations
1	Out-of-Africa migration and Neolithic coexpansion of Mycobacterium tuberculosis with modern humans. Nature Genetics, 2013, 45, 1176-1182.	21.4	900
2	Mycobacterial Lineages Causing Pulmonary and Extrapulmonary Tuberculosis, Ethiopia. Emerging Infectious Diseases, 2013, 19, 460-463.	4.3	215
3	The glycosyltransferases of Mycobacterium tuberculosisâ€"roles in the synthesis of arabinogalactan, lipoarabinomannan, and other glycoconjugates. Glycobiology, 2007, 17, 35R-56R.	2.5	185
4	The Burden of Mycobacterial Disease in Ethiopian Cattle: Implications for Public Health. PLoS ONE, 2009, 4, e5068.	2.5	136
5	African 1, an Epidemiologically Important Clonal Complex of Mycobacterium bovis Dominant in Mali, Nigeria, Cameroon, and Chad. Journal of Bacteriology, 2009, 191, 1951-1960.	2.2	125
6	European 1: A globally important clonal complex of Mycobacterium bovis. Infection, Genetics and Evolution, 2011, 11, 1340-1351.	2.3	107
7	Zoonotic Transmission of Tuberculosis Between Pastoralists and Their Livestock in South-East Ethiopia. EcoHealth, 2012, 9, 139-149.	2.0	107
8	High Prevalence of Bovine Tuberculosis in Dairy Cattle in Central Ethiopia: Implications for the Dairy Industry and Public Health. PLoS ONE, 2012, 7, e52851.	2.5	105
9	African 2, a Clonal Complex of Mycobacterium bovis Epidemiologically Important in East Africa. Journal of Bacteriology, 2011, 193, 670-678.	2.2	96
10	Population Genomics of Mycobacterium tuberculosis in Ethiopia Contradicts the Virgin Soil Hypothesis for Human Tuberculosis in Sub-Saharan Africa. Current Biology, 2015, 25, 3260-3266.	3.9	94
11	The influence of cattle breed on susceptibility to bovine tuberculosis in Ethiopia. Comparative Immunology, Microbiology and Infectious Diseases, 2012, 35, 227-232.	1.6	92
12	Biosynthesis of mycobacterial lipoarabinomannan: Role of a branching mannosyltransferase. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13664-13669.	7.1	91
13	Mycobacterium tuberculosis infection in grazing cattle in central Ethiopia. Veterinary Journal, 2011, 188, 359-361.	1.7	83
14	The Carboxy Terminus of EmbC from Mycobacterium smegmatis Mediates Chain Length Extension of the Arabinan in Lipoarabinomannan. Journal of Biological Chemistry, 2006, 281, 19512-19526.	3.4	75
15	European 2 â€“ A clonal complex of Mycobacterium bovis dominant in the Iberian Peninsula. Infection, Genetics and Evolution, 2012, 12, 866-872.	2.3	74
16	Structural Features of Glycosyltransferases Synthesizing Major Bilayer and Nonbilayer-prone Membrane Lipids inAcholeplasma laidlawii and Streptococcus pneumoniae. Journal of Biological Chemistry, 2003, 278, 8420-8428.	3.4	70
17	Roles of Conserved Proline and Glycosyltransferase Motifs of EmbC in Biosynthesis of Lipoarabinomannan. Journal of Biological Chemistry, 2005, 280, 5651-5663.	3.4	68
18	Genetic Basis for the Synthesis of the Immunomodulatory Mannose Caps of Lipoarabinomannan in Mycobacterium tuberculosis. Journal of Biological Chemistry, 2006, 281, 20027-20035.	3.4	68

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19	Transmission of Mycobacterium tuberculosis between Farmers and Cattle in Central Ethiopia. PLoS ONE, 2013, 8, e76891.	2.5	64
20	Sequence Properties of the 1,2-Diacylglycerol 3-Glucosyltransferase from Acholeplasma laidlawiiMembranes. Journal of Biological Chemistry, 2001, 276, 22056-22063.	3.4	59
21	Molecular characterization of Mycobacterium bovisstrains isolated from cattle slaughtered at two abattoirs in Algeria. BMC Veterinary Research, 2009, 5, 4.	1.9	56
22	Experimental infection of cattle with Mycobacterium tuberculosis isolates shows the attenuation of the human tubercle bacillus for cattle. Scientific Reports, 2018, 8, 894.	3.3	52
23	Investigation of the high rates of extrapulmonary tuberculosis in Ethiopia reveals no single driving factor and minimal evidence for zoonotic transmission of Mycobacterium bovis infection. BMC Infectious Diseases, 2015, 15, 112.	2.9	46
24	Bovine Tuberculosis at the Wildlife-Livestock-Human Interface in Hamer Woreda, South Omo, Southern Ethiopia. PLoS ONE, 2010, 5, e12205.	2.5	44
25	Prevalence of bovine tuberculosis and its associated risk factors in the emerging dairy belts of regional cities in Ethiopia. Preventive Veterinary Medicine, 2019, 168, 81-89.	1.9	42
26	An African origin for Mycobacterium bovis. Evolution, Medicine and Public Health, 2020, 2020, 49-59.	2.5	42
27	Detection of Mycobacterium tuberculosis complex DNA in CD34-positive peripheral blood mononuclear cells of asymptomatic tuberculosis contacts: an observational study. Lancet Microbe, The, 2021, 2, e267-e275.	7.3	38
28	Irreversible Binding and Activity Control of the 1,2-Diacylglycerol 3-Glucosyltransferase fromAcholeplasma laidlawiiat an Anionic Lipid Bilayer Surfaceâ€. Biochemistry, 2003, 42, 9677-9686.	2.5	33
29	Functional analysis of a lipid galactosyltransferase synthesizing the major envelope lipid in the Lyme disease spirocheteBorrelia burgdorferi. FEMS Microbiology Letters, 2007, 272, 22-29.	1.8	29
30	Development of a BCG challenge model for the testing of vaccine candidates against tuberculosis in cattle. Vaccine, 2014, 32, 5645-5649.	3.8	29
31	BOVINE TUBERCULOSIS IN ETHIOPIAN WILDLIFE. Journal of Wildlife Diseases, 2010, 46, 753-762.	0.8	27
32	Genotype diversity of Mycobacterium isolates from children in Jimma, Ethiopia. BMC Research Notes, 2013, 6, 352.	1.4	26
33	Identification of amino acids and domains required for catalytic activity of DPPR synthase, a cell wall biosynthetic enzyme of Mycobacterium tuberculosis. Microbiology (United Kingdom), 2008, 154, 736-743.	1.8	24
34	Network analysis of dairy cattle movement and associations with bovine tuberculosis spread and control in emerging dairy belts of Ethiopia. BMC Veterinary Research, 2019, 15, 262.	1.9	23
35	Milk and meat consumption patterns and the potential risk of zoonotic disease transmission among urban and peri-urban dairy farmers in Ethiopia. BMC Public Health, 2022, 22, 222.	2.9	23
36	Brucellosis in ruminants andÂpastoralists in Borena, Southern Ethiopia. PLoS Neglected Tropical Diseases, 2020, 14, e0008461.	3.0	21

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37	Epidemiology of tuberculous lymphadenitis in Africa: A systematic review and meta-analysis. PLoS ONE, 2019, 14, e0215647.	2.5	19
38	Why doesnâ€™t bovine tuberculosis transmit between humans?. Trends in Microbiology, 2014, 22, 552-553.	7.7	18
39	Brucellosis in the Addis Ababa dairy cattle: the myths and the realities. BMC Veterinary Research, 2018, 14, 396.	1.9	18
40	Global prevalence of Mycobacterium bovis infections among human tuberculosis cases: Systematic review and metaâ€analysis. Zoonoses and Public Health, 2021, 68, 704-718.	2.2	16
41	Line-probe assay and molecular typing reveal a potential drug resistant clone of Mycobacterium tuberculosis in Ethiopia. Tropical Diseases, Travel Medicine and Vaccines, 2018, 4, 15.	2.2	14
42	Evaluation of the Efficacy of BCG in Protecting Against Contact Challenge With Bovine Tuberculosis in Holstein-Friesian and Zebu Crossbred Calves in Ethiopia. Frontiers in Veterinary Science, 2021, 8, 702402.	2.2	11
43	Drug Resistance Conferring Mutation and Genetic Diversity of Mycobacterium tuberculosis Isolates in Tuberculosis Lymphadenitis Patients; Ethiopia. Infection and Drug Resistance, 2021, Volume 14, 575-584.	2.7	9
44	Population structure and transmission of Mycobacterium bovis in Ethiopia. Microbial Genomics, 2021, 7, .	2.0	9
45	The variable prevalence of bovine tuberculosis among dairy herds in Central Ethiopia provides opportunities for targeted intervention. PLoS ONE, 2021, 16, e0254091.	2.5	9
46	Field evaluation of specific mycobacterial proteinâ€based skin test for the differentiation of Mycobacterium bovisâ€ infected and Bacillus Calmette Guerinâ€vaccinated crossbred cattle in Ethiopia. Transboundary and Emerging Diseases, 2022, 69, .	3.0	6
47	Purification of a phosphatase which hydrolyzes phosphatidic acid, a key intermediate in glucolipid synthesis in Acholeplasma laidlawii A membranes. Biochimica Et Biophysica Acta - Biomembranes, 1997, 1330, 225-232.	2.6	5
48	Epidemiology of Mycobacterium tuberculosis lineages and strain clustering within urban and peri-urban settings in Ethiopia. PLoS ONE, 2021, 16, e0253480.	2.5	5
49	Molecular identification of causing Pulmonary Tuberculosis in Sudan. European Academic Research, 2016, 4, 7842-7855.	0.0	5
50	Genotype Diversity of Mycobacterium bovis and Pathology of Bovine Tuberculosis in Selected Emerging Dairy Regions of Ethiopia. Frontiers in Veterinary Science, 2020, 7, 553940.	2.2	4
51	A case of early neonate bovine tuberculosis in Ethiopia. Clinical Case Reports (discontinued), 2021, 9, 487-490.	0.5	2
52	Spoligotype analysis of Mycobacterium bovis isolates from cattle and assessment of zoonotic <scp>TB</scp> transmission among individuals working in bovine <scp>TB</scp>â€infected dairy farms in Ethiopia. Zoonoses and Public Health, 2022, 69, 663-672.	2.2	2
53	Cellular and Cytokine Responses in Lymph Node Granulomas of Bacillus Calmette GuÃ©rin (BCG)-Vaccinated and Non-vaccinated Cross-Breed Calves Naturally Infected With Mycobacterium bovis. Frontiers in Veterinary Science, 2021, 8, 698800.	2.2	1
54	Factors associated with localization of tuberculosis disease among patients in a high burden country: A health facility-based comparative study in Ethiopia. Journal of Clinical Tuberculosis and Other Mycobacterial Diseases, 2021, 23, 100231.	1.3	0

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55	Detection of <i>M. tuberculosis</i> DNA in CD34-Positive Peripheral Blood Mononuclear Cells of Asymptomatic TB Contacts. SSRN Electronic Journal, 0, , .	0.4	0