

Zelege Mekonnen

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

1,937
citations

304602

22
h-index

330025

37
g-index

103
all docs

103
docs citations

103
times ranked

2165
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal assessment of the exposure to <i>Ascaris lumbricoides</i> through copromicroscopy and serology in school children from Jimma Town, Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010131.	1.3	3
2	Impact of ivermectin mass drug administration on burden of soil-transmitted helminths in onchocerciasis control and elimination programs, Yeki district, southwest Ethiopia. <i>PLoS ONE</i> , 2022, 17, e0263625.	1.1	2
3	Prevalence of soil-transmitted helminths infections among preschool and school-age children in Ethiopia: a systematic review and meta-analysis. <i>Global Health Research and Policy</i> , 2022, 7, 9.	1.4	14
4	Assessment of environmental contamination with soil-transmitted helminths life stages at school compounds, households and open markets in Jimma Town, Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010307.	1.3	7
5	Vaccine Inequity and Hesitancy: A Vicious Cycle Undermining the Fight Against the COVID-19 Pandemic. <i>Risk Management and Healthcare Policy</i> , 2022, Volume 15, 865-869.	1.2	2
6	Determination of the Physicochemical Quality of Groundwater and its Potential Health Risk for Drinking in Oromia, Ethiopia. <i>Environmental Health Insights</i> , 2022, 16, 117863022210960.	0.6	2
7	Affordable artificial intelligence-based digital pathology for neglected tropical diseases: A proof-of-concept for the detection of soil-transmitted helminths and <i>Schistosoma mansoni</i> eggs in Kato-Katz stool thick smears. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010500.	1.3	16
8	Oocyst Shedding Dynamics in Children with Cryptosporidiosis: a Prospective Clinical Case Series in Ethiopia. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	4
9	Assessment of the nail contamination with soil-transmitted helminths in schoolchildren in Jimma Town, Ethiopia. <i>PLoS ONE</i> , 2022, 17, e0268792.	1.1	6
10	Performance and operational feasibility of two diagnostic tests for cryptosporidiosis in children (CRYPTO-POC): a clinical, prospective, diagnostic accuracy study. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 722-730.	4.6	17
11	Risk factors associated with congenital anomalies among newborns in southwestern Ethiopia: A case-control study. <i>PLoS ONE</i> , 2021, 16, e0245915.	1.1	21
12	Prevalence, risk factors and association with delivery outcome of curable sexually transmitted infections among pregnant women in Southern Ethiopia. <i>PLoS ONE</i> , 2021, 16, e0248958.	1.1	11
13	COVID-19 in Oromia Region of Ethiopia: a review of the first 6 monthsâ€™ surveillance data. <i>BMJ Open</i> , 2021, 11, e046764.	0.8	17
14	Identification of antigenic linear peptides in the soil-transmitted helminth and <i>Schistosoma mansoni</i> proteome. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009369.	1.3	7
15	Evaluation of Adult Outpatient Antibiotics Use at Jimma Medical Center (with Defined Daily Doses for) Tj ETQq1 1 0.784314 rgBT /Ov	1.1	1
16	Strongyloidiasis: the most neglected tropical disease in Ethiopia. <i>Infectious Diseases of Poverty</i> , 2021, 10, 65.	1.5	1
17	Burden of intestinal parasitic infections among pregnant women in Ethiopia: a systematic review and meta-analysis. <i>Infection</i> , 2021, 49, 1091-1105.	2.3	3
18	Characterization of the β -tubulin gene family in <i>Ascaris lumbricoides</i> and <i>Ascaris suum</i> and its implication for the molecular detection of benzimidazole resistance. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009777.	1.3	13

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19	Seroprevalence and associated factors of maternal cytomegalovirus in Southern Ethiopia: a cross-sectional study. <i>BMJ Open</i> , 2021, 11, e051390.	0.8	1
20	Individual responses to a single oral dose of albendazole indicate reduced efficacy against soil-transmitted helminths in an area with high drug pressure. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009888.	1.3	15
21	Lipid and Lipoprotein Profile in HIV-Infected and Non-Infected Diabetic Patients: A Comparative Cross-Sectional Study Design, Southwest Ethiopia. <i>HIV/AIDS - Research and Palliative Care</i> , 2021, Volume 13, 1119-1126.	0.4	2
22	Congenital Cytomegalovirus Infections Mother-Newborn Pair Study in Southern Ethiopia. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2021, 2021, 1-7.	0.7	2
23	Cystic echinococcosis, a food-borne zoonotic neglected tropical disease in slaughtered cattle at Jimma Town municipal abattoir, Southwest Ethiopia.. <i>Annals of Parasitology</i> , 2021, 67, 627-635.	0.1	1
24	Soil-Transmitted Helminthic Infections and Geophagia among Pregnant Women in Jimma Town Health Institutions, Southwest Ethiopia.. <i>Ethiopian Journal of Health Sciences</i> , 2021, 31, 1033-1042.	0.2	5
25	Impact of Different Sampling Schemes for Decision Making in Soil-Transmitted Helminthiasis Control Programs. <i>Journal of Infectious Diseases</i> , 2020, 221, S531-S538.	1.9	10
26	Genotype-phenotype feasibility studies on khat abuse, traumatic experiences and psychosis in Ethiopia. <i>Psychiatric Genetics</i> , 2020, 30, 34-38.	0.6	1
27	An in-depth report of quality control on Kato-Katz and data entry in four clinical trials evaluating the efficacy of albendazole against soil-transmitted helminth infections. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008625.	1.3	4
28	2-Methyl-pentanoyl-carnitine (2-MPC): a urine biomarker for patent <i>Ascaris lumbricoides</i> infection. <i>Scientific Reports</i> , 2020, 10, 15780.	1.6	15
29	Soil-transmitted helminth infections and nutritional status of school children in government elementary schools in Jimma Town, Southwestern Ethiopia. <i>SAGE Open Medicine</i> , 2020, 8, 205031212095469.	0.7	14
30	Evaluation of the therapeutic efficacy of praziquantel against schistosomes in seven countries with ongoing large-scale deworming programs. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2020, 14, 183-187.	1.4	12
31	<p>Glycemic Control Among People Living with Diabetes and Human Immunodeficiency Virus in Ethiopia: Leveraging Clinical Care for the LoomingÂ Co-Epidemics</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 4379-4399.	1.1	2
32	Status of parasitological indicators and morbidity burden of onchocerciasis after years of successive implementation of mass distribution of ivermectin in selected communities of Yeki and Asosa districts, Ethiopia. <i>BMC Public Health</i> , 2020, 20, 1233.	1.2	7
33	<p>A Facility-Based Cross-Sectional Study on the Implementation of the IMNCI Program in Public Health Centers of Soro District, Hadiya Zone, Southern Ethiopia</p>. <i>Pediatric Health, Medicine and Therapeutics</i> , 2020, Volume 11, 399-407.	0.7	0
34	Clinical care & blood pressure control among hypertensive people living with human immune deficiency virus: Prospective cohort study. <i>Annals of Medicine and Surgery</i> , 2020, 54, 114-124.	0.5	5
35	Effects of time of initiation of antiretroviral therapy in the treatment of patients with HIV/TB co-infection: A systemic review and meta-analysis. <i>Annals of Medicine and Surgery</i> , 2020, 55, 148-158.	0.5	15
36	Identification of transmission foci of <i>Schistosoma mansoni</i> : narrowing the intervention target from district to transmission focus in Ethiopia. <i>BMC Public Health</i> , 2020, 20, 769.	1.2	6

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37	First international external quality assessment scheme of nucleic acid amplification tests for the detection of <i>Schistosoma</i> and soil-transmitted helminths, including <i>Strongyloides</i> : A pilot study. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008231.	1.3	35
38	Identifying thresholds for classifying moderate-to-heavy soil-transmitted helminth intensity infections for FECPAKG2, McMaster, Mini-FLOTAC and qPCR. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008296.	1.3	18
39	Evaluation of copromicroscopy and serology to measure the exposure to <i>Ascaris</i> infections across age groups and to assess the impact of 3 years of biannual mass drug administration in Jimma Town, Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008037.	1.3	16
40	Epidemiology of intestinal parasitic infections in preschool and school-aged Ethiopian children: a systematic review and meta-analysis. <i>BMC Public Health</i> , 2020, 20, 117.	1.2	37
41	Diagnostic sensitivity of direct wet mount microscopy for soil-transmitted helminth infections in Jimma Town, Ethiopia. <i>Journal of Infection in Developing Countries</i> , 2020, 14, 66S-71S.	0.5	3
42	Diagnostic performance of a single and duplicate Kato-Katz, Mini-FLOTAC, FECPAKG2 and qPCR for the detection and quantification of soil-transmitted helminths in three endemic countries. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007446.	1.3	76
43	Therapeutic efficacy of albendazole against soil-transmitted helminthiasis in children measured by five diagnostic methods. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007471.	1.3	37
44	Reaching the last mile: main challenges relating to and recommendations to accelerate onchocerciasis elimination in Africa. <i>Infectious Diseases of Poverty</i> , 2019, 8, 60.	1.5	42
45	Comparison of four DNA extraction and three preservation protocols for the molecular detection and quantification of soil-transmitted helminths in stool. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007778.	1.3	37
46	Patent infections with soil-transmitted helminths and <i>Schistosoma mansoni</i> are not associated with increased prevalence of antibodies to the <i>Onchocerca volvulus</i> peptide epitopes OvMP-1 and OvMP-23. <i>Parasites and Vectors</i> , 2019, 12, 63.	1.0	5
47	Assessment of seasonality in soil-transmitted helminth infections across 14 schools in Jimma Town, Ethiopia. <i>Pan African Medical Journal</i> , 2019, 32, 6.	0.3	11
48	Molecular epidemiology of <i>Giardia duodenalis</i> infection in humans in Southern Ethiopia: a triosephosphate isomerase gene-targeted analysis. <i>Infectious Diseases of Poverty</i> , 2018, 7, 17.	1.5	11
49	Fecal contamination of soil and water in sub-Saharan Africa cities: The case of Addis Ababa, Ethiopia. <i>Ecology and Hydrobiology</i> , 2018, 18, 225-230.	1.0	17
50	Antimicrobial susceptibility patterns of bacteria isolated from patients with ear discharge in Jimma Town, Southwest, Ethiopia. <i>BMC Ear, Nose and Throat Disorders</i> , 2018, 18, 17.	2.6	10
51	Modification and optimization of the FECPAKG2 protocol for the detection and quantification of soil-transmitted helminth eggs in human stool. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006655.	1.3	18
52	Reference intervals for hematology test parameters from apparently healthy individuals in southwest Ethiopia. <i>SAGE Open Medicine</i> , 2018, 6, 205031211880762.	0.7	14
53	Comprehensive evaluation of stool-based diagnostic methods and benzimidazole resistance markers to assess drug efficacy and detect the emergence of anthelmintic resistance: A Starworms study protocol. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006912.	1.3	30
54	Diagnostic tools for soil-transmitted helminths control and elimination programs: A pathway for diagnostic product development. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006213.	1.3	46

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55	Epidemiology of soil-transmitted helminths and <i>Schistosoma mansoni</i> : a base-line survey among school children, Ejaji, Ethiopia. <i>Journal of Infection in Developing Countries</i> , 2018, 12, 1134-1141.	0.5	14
56	Anti-schistosomal activities of <i>Echinops kebericho</i> Mesfin root and <i>Hagenia abyssinica</i> (Bruce) J.F Gmel flower part crude extracts in Swiss albino mice. <i>Asian Pacific Journal of Tropical Medicine</i> , 2018, 11, 570.	0.4	7
57	The molecular speciation of soil-transmitted helminth eggs collected from school children across six endemic countries. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2017, 110, 657-663.	0.7	19
58	Khat use and occurrence of psychotic symptoms in the general male population in Southwestern Ethiopia: evidence for sensitization by traumatic experiences. <i>World Psychiatry</i> , 2017, 16, 323-323.	4.8	12
59	Diagnostic performance of Mini Parasep [®] solvent-free faecal parasite concentrator relative to Kato-Katz and McMaster for the diagnosis of intestinal parasitic infections. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2017, 111, 572-578.	0.7	15
60	Efficacy and Safety of a Single-Dose Mebendazole 500 mg Chewable, Rapidly-Disintegrating Tablet for <i>Ascaris lumbricoides</i> and <i>Trichuris trichiura</i> Infection Treatment in Pediatric Patients: A Double-Blind, Randomized, Placebo-Controlled, Phase 3 Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 1851-1856.	0.6	21
61	Transfusion-transmissible infection surveillance among blood donors in Southwest Ethiopia: A six years retrospective study. <i>Asian Pacific Journal of Tropical Disease</i> , 2017, 7, 156-161.	0.5	11
62	Seroprevalence and risk factors of hepatitis B, hepatitis C and HIV infections among prisoners in Jimma Town, Southwest Ethiopia. <i>Asian Pacific Journal of Tropical Disease</i> , 2017, 7, 270-275.	0.5	9
63	Prevalence of intestinal parasites among food handlers at cafeteria of Jimma University Specialized Hospital, Southwest Ethiopia. <i>Asian Pacific Journal of Tropical Disease</i> , 2017, 7, 467-471.	0.5	15
64	Effect of calories delivered on clinical outcomes in critically ill patients: Systemic review and meta-analysis. <i>Indian Journal of Critical Care Medicine</i> , 2017, 21, 376-390.	0.3	10
65	Prevalence of <i>Schistosoma mansoni</i> infection and the therapeutic efficacy of praziquantel among school children in Manna District, Jimma Zone, southwest Ethiopia. <i>Parasites and Vectors</i> , 2016, 9, 560.	1.0	32
66	Intestinal polyparasitism with special emphasis to soil-transmitted helminths among residents around Gilgel Gibe Dam, Southwest Ethiopia: a community based survey. <i>BMC Public Health</i> , 2016, 16, 1185.	1.2	22
67	Renal Function Impairment and Associated Factors among HAART Na ⁺ -ve and Experienced Adult HIV Positive Individuals in Southwest Ethiopia: A Comparative Cross Sectional Study. <i>PLoS ONE</i> , 2016, 11, e0161180.	1.1	11
68	Comparison of individual and pooled stool samples for the assessment of intensity of <i>Schistosoma mansoni</i> and soil-transmitted helminth infections using the Kato-Katz technique. <i>Parasites and Vectors</i> , 2015, 8, 489.	1.0	23
69	Comparison of individual and pooled urine samples for estimating the presence and intensity of <i>Schistosoma haematobium</i> infections at the population level. <i>Parasites and Vectors</i> , 2015, 8, 593.	1.0	5
70	Prevalence of <i>Schistosoma haematobium</i> Infection among School-Age Children in Afar Area, Northeastern Ethiopia. <i>PLoS ONE</i> , 2015, 10, e0133142.	1.1	23
71	Comparison of Kato-Katz thick-smear and McMaster egg counting method for the assessment of drug efficacy against soil-transmitted helminthiasis in school children in Jimma Town, Ethiopia: Table 1.. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015, 109, 669-671.	0.7	7
72	Prevalence of urinary schistosomiasis and associated risk factors among Abobo Primary School children in Gambella Regional State, southwestern Ethiopia: a cross sectional study. <i>Parasites and Vectors</i> , 2015, 8, 215.	1.0	52

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73	A new focus of schistosomiasis mansoni in Hayk town, northeastern Ethiopia. BMC Research Notes, 2015, 8, 22.	0.6	20
74	Prevalence of Necator americanus infection and risk factors among school-age children in Mirab Abaya District, South Ethiopia. Asian Pacific Journal of Tropical Disease, 2015, 5, 363-368.	0.5	5
75	A community-based cross-sectional study of the epidemiology of onchocerciasis in unmapped villages for community directed treatment with ivermectin in Jimma Zone, southwestern Ethiopia. BMC Public Health, 2015, 15, 595.	1.2	13
76	Prevalence and intensity of soil-transmitted helminth infections among pre-school age children in 12 kindergartens in Jimma Town, southwest Ethiopia. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 225-227.	0.7	20
77	Prevalence and Intensity of Soil-Transmitted Helminths Among School-Aged Children in Sigmoid Primary School, Jimma Zone, South-Western Ethiopia. Clinical Medicine Research, 2015, 4, 98.	0.0	3
78	Assessment of Efficacy and Quality of Two Albendazole Brands Commonly Used against Soil-Transmitted Helminth Infections in School Children in Jimma Town, Ethiopia. PLoS Neglected Tropical Diseases, 2015, 9, e0004057.	1.3	26
79	Soil-Transmitted Helminths and Associated Factors among Pre-School Children in Butajira Town, South-Central Ethiopia: A Community-Based Cross-Sectional Study. PLoS ONE, 2015, 10, e0136342.	1.1	45
80	Parasitic Contamination of Fruits and Vegetables Collected from Selected Local Markets of Jimma Town, Southwest Ethiopia. International Scholarly Research Notices, 2014, 2014, 1-7.	0.9	49
81	Assessment of Anthelmintic Efficacy of Mebendazole in School Children in Six Countries Where Soil-Transmitted Helminths Are Endemic. PLoS Neglected Tropical Diseases, 2014, 8, e3204.	1.3	80
82	Quality of Medicines Commonly Used in the Treatment of Soil Transmitted Helminths and Giardia in Ethiopia: A Nationwide Survey. PLoS Neglected Tropical Diseases, 2014, 8, e3345.	1.3	32
83	Schistosoma mansoni infection and undernutrition among school age children in Finchaâ€™a sugar estate, rural part of West Ethiopia. BMC Research Notes, 2014, 7, 763.	0.6	25
84	Isolation of Intestinal Parasites of Public Health Importance from Cockroaches (<i>Blattella Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	0.5	22
85	Repeated reuse of insulin injection syringes and incidence of bacterial contamination among diabetic patients in Jimma University Specialized Hospital, Jimma, Ethiopia. Asian Pacific Journal of Tropical Disease, 2014, 4, S712-S716.	0.5	7
86	Efficacy of different albendazole and mebendazole regimens against heavy-intensity Trichuris trichiurainfections in school children, Jimma Town, Ethiopia. Pathogens and Global Health, 2013, 107, 207-209.	1.0	21
87	Comparison of Individual and Pooled Stool Samples for the Assessment of Soil-Transmitted Helminth Infection Intensity and Drug Efficacy. PLoS Neglected Tropical Diseases, 2013, 7, e2189.	1.3	42
88	Soil Transmitted Helminths and Associated Factors among Schoolchildren in Government and Private Primary School in Jimma Town, Southwest Ethiopia. Ethiopian Journal of Health Sciences, 2013, 23, 237-44.	0.2	37
89	Intestinal Parasitosis among HIV Sero Positive in Jimma, Ethiopia. Journal of Tropical Diseases, 2013, 01, .	0.1	4
90	Trichomonas vaginalis Infection among Pregnant Women in Jimma University Specialized Hospital, Southwest Ethiopia. ISRN Infectious Diseases, 2013, 2013, 1-5.	0.5	10

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91	Occurrence of extended spectrum beta (b)-lactamases in multi-drug resistant Escherichia coli isolated from a clinical setting in Jimma University Specialized Hospital, Jimma, southwest Ethiopia. East African Journal of Public Health, 2012, 9, 58-61.	0.3	13
92	Assessment of the Anthelmintic Efficacy of Albendazole in School Children in Seven Countries Where Soil-Transmitted Helminths Are Endemic. PLoS Neglected Tropical Diseases, 2011, 5, e948.	1.3	231
93	Human papillomavirus type distribution among women with cervical pathology - a study over 4 years at Jimma Hospital, southwest Ethiopia. Tropical Medicine and International Health, 2010, 15, 890-893.	1.0	25
94	Evaluation of the performance of CareStart [®] Malaria Pf/Pv Combo rapid diagnostic test for the diagnosis of malaria in Jimma, southwestern Ethiopia. Acta Tropica, 2010, 113, 285-288.	0.9	18
95	Assessment of self-medication practices in Assendabo town, Jimma zone, southwestern Ethiopia. Research in Social and Administrative Pharmacy, 2009, 5, 76-81.	1.5	63
96	Utilization of Traditional Antimalarial Ethnophytotherapeutic Remedies Among Assendabo Inhabitants in (South-West) Ethiopia. Current Drug Therapy, 2009, 4, 78-91.	0.2	4
97	Interactions between Merozoite Surface Proteins 1, 6, and 7 of the Malaria Parasite Plasmodium falciparum. Journal of Biological Chemistry, 2006, 281, 31517-31527.	1.6	71
98	Interactions between Merozoite Surface Proteins 1, 6, and 7 of the Malaria Parasite Plasmodium falciparum. Journal of Biological Chemistry, 2006, 281, 31517-31527.	1.6	10