

Zelege Mekonnen

List of Publications by Year in descending order

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98
papers

1,937
citations

304602

22
h-index

330025

37
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103
all docs

103
docs citations

103
times ranked

2165
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the Anthelmintic Efficacy of Albendazole in School Children in Seven Countries Where Soil-Transmitted Helminths Are Endemic. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e948.	1.3	231
2	Assessment of Anthelmintic Efficacy of Mebendazole in School Children in Six Countries Where Soil-Transmitted Helminths Are Endemic. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3204.	1.3	80
3	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
4	Interactions between Merozoite Surface Proteins 1, 6, and 7 of the Malaria Parasite <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 31517-31527.	1.6	71
5	Assessment of self-medication practices in Assendabo town, Jimma zone, southwestern Ethiopia. <i>Research in Social and Administrative Pharmacy</i> , 2009, 5, 76-81.	1.5	63
6	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
7	Parasitic Contamination of Fruits and Vegetables Collected from Selected Local Markets of Jimma Town, Southwest Ethiopia. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-7.	0.9	49
8	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
9	Soil-Transmitted Helminths and Associated Factors among Pre-School Children in Butajira Town, South-Central Ethiopia: A Community-Based Cross-Sectional Study. <i>PLoS ONE</i> , 2015, 10, e0136342.	1.1	45
10	Comparison of Individual and Pooled Stool Samples for the Assessment of Soil-Transmitted Helminth Infection Intensity and Drug Efficacy. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2189.	1.3	42
11	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
12	Soil Transmitted Helminths and Associated Factors among Schoolchildren in Government and Private Primary School in Jimma Town, Southwest Ethiopia. <i>Ethiopian Journal of Health Sciences</i> , 2013, 23, 237-44.	0.2	37
13	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
14	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
15	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
16	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
17	Quality of Medicines Commonly Used in the Treatment of Soil Transmitted Helminths and <i>Giardia</i> in Ethiopia: A Nationwide Survey. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3345.	1.3	32
18	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

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19	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
20	Assessment of Efficacy and Quality of Two Albendazole Brands Commonly Used against Soil-Transmitted Helminth Infections in School Children in Jimma Town, Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004057.	1.3	26
21	Human papillomavirus type distribution among women with cervical pathology - a study over 4 years at Jimma Hospital, southwest Ethiopia. <i>Tropical Medicine and International Health</i> , 2010, 15, 890-893.	1.0	25
22	Schistosoma mansoni infection and undernutrition among school age children in Finchaâ€™a sugar estate, rural part of West Ethiopia. <i>BMC Research Notes</i> , 2014, 7, 763.	0.6	25
23	Comparison of individual and pooled stool samples for the assessment of intensity of Schistosoma mansoni and soil-transmitted helminth infections using the Kato-Katz technique. <i>Parasites and Vectors</i> , 2015, 8, 489.	1.0	23
24	Prevalence of Schistosoma haematobium Infection among School-Age Children in Afar Area, Northeastern Ethiopia. <i>PLoS ONE</i> , 2015, 10, e0133142.	1.1	23
25	Isolation of Intestinal Parasites of Public Health Importance from Cockroaches (<i>Blattella germanica</i>) in Addis Ababa, Ethiopia. <i>Journal of Parasitology</i> , 2017, 107, 107-109.	0.5	22
26	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
27	Efficacy of different albendazole and mebendazole regimens against heavy-intensity Trichuris trichiura infections in school children, Jimma Town, Ethiopia. <i>Pathogens and Global Health</i> , 2013, 107, 207-209.	1.0	21
28	Efficacy and Safety of a Single-Dose Mebendazole 500 mg Chewable, Rapidly-Disintegrating Tablet for Ascaris lumbricoides and Trichuris trichiura 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
29	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
30	A new focus of schistosomiasis mansoni in Hayk town, northeastern Ethiopia. <i>BMC Research Notes</i> , 2015, 8, 22.	0.6	20
31	Prevalence and intensity of soil-transmitted helminth infections among pre-school age children in 12 kindergartens in Jimma Town, southwest Ethiopia. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015, 109, 225-227.	0.7	20
32	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
33	Evaluation of the performance of CareStartâ„¢ Malaria Pf/Pv Combo rapid diagnostic test for the diagnosis of malaria in Jimma, southwestern Ethiopia. <i>Acta Tropica</i> , 2010, 113, 285-288.	0.9	18
34	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
35	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
36	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

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37	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
38	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
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	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
41	Diagnostic performance of Mini ParasepÂ® 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
42	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
43	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
44	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
45	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
46	Reference intervals for hematology test parameters from apparently healthy individuals in southwest Ethiopia. <i>SAGE Open Medicine</i> , 2018, 6, 205031211880762.	0.7	14
47	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
48	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
49	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
50	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. <i>BMC Public Health</i> , 2015, 15, 595.	1.2	13
51	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
52	Occurrence of extended spectrum beta (b)-lactamases in multi-drug resistant <i>Escherichia coli</i> isolated from a clinical setting in Jimma University Specialized Hospital, Jimma, southwest Ethiopia. <i>East African Journal of Public Health</i> , 2012, 9, 58-61.	0.3	13
53	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
54	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

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55	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
56	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
57	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
58	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
59	Renal Function Impairment and Associated Factors among HAART Naïve and Experienced Adult HIV Positive Individuals in Southwest Ethiopia: A Comparative Cross Sectional Study. <i>PLoS ONE</i> , 2016, 11, e0161180.	1.1	11
60	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
61	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
62	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
63	<i>Trichomonas vaginalis</i> Infection among Pregnant Women in Jimma University Specialized Hospital, Southwest Ethiopia. <i>ISRN Infectious Diseases</i> , 2013, 2013, 1-5.	0.5	10
64	Interactions between Merozoite Surface Proteins 1, 6, and 7 of the Malaria Parasite <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 31517-31527.	1.6	10
65	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
66	Repeated reuse of insulin injection syringes and incidence of bacterial contamination among diabetic patients in Jimma University Specialized Hospital, Jimma, Ethiopia. <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, S712-S716.	0.5	7
67	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
68	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
69	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
70	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
71	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
72	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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73	Evaluation of Adult Outpatient Antibiotics Use at Jimma Medical Center (with Defined Daily Doses for) Tj ETQq1 1 0.784314 rgBT /Ov	1.1	6
74	Assessment of the nail contamination with soil-transmitted helminths in schoolchildren in Jimma Town, Ethiopia. PLoS ONE, 2022, 17, e0268792.	1.1	6
75	Comparison of individual and pooled urine samples for estimating the presence and intensity of Schistosoma haematobium infections at the population level. Parasites and Vectors, 2015, 8, 593.	1.0	5
76	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
77	Patent infections with soil-transmitted helminths and Schistosoma mansoni are not associated with increased prevalence of antibodies to the Onchocerca volvulus peptide epitopes OvMP-1 and OvMP-23. Parasites and Vectors, 2019, 12, 63.	1.0	5
78	Clinical care & blood pressure control among hypertensive people living with human immune deficiency virus: Prospective cohort study. Annals of Medicine and Surgery, 2020, 54, 114-124.	0.5	5
79	Soil-Transmitted Helminthic Infections and Geophagia among Pregnant Women in Jimma Town Health Institutions, Southwest Ethiopia.. Ethiopian Journal of Health Sciences, 2021, 31, 1033-1042.	0.2	5
80	Intestinal Parasitosis among HIV Sero Positive in Jimma, Ethiopia. Journal of Tropical Diseases, 2013, 01, .	0.1	4
81	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. PLoS Neglected Tropical Diseases, 2020, 14, e0008625.	1.3	4
82	Utilization of Traditional Antimalarial Ethnophytotherapeutic Remedies Among Assendabo Inhabitants in (South-West) Ethiopia. Current Drug Therapy, 2009, 4, 78-91.	0.2	4
83	Oocyst Shedding Dynamics in Children with Cryptosporidiosis: a Prospective Clinical Case Series in Ethiopia. Microbiology Spectrum, 2022, 10, .	1.2	4
84	Burden of intestinal parasitic infections among pregnant women in Ethiopia: a systematic review and meta-analysis. Infection, 2021, 49, 1091-1105.	2.3	3
85	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
86	Diagnostic sensitivity of direct wet mount microscopy for soil-transmitted helminth infections in Jimma Town, Ethiopia. Journal of Infection in Developing Countries, 2020, 14, 66S-71S.	0.5	3
87	Longitudinal assessment of the exposure to Ascaris lumbricoides through copromicroscopy and serology in school children from Jimma Town, Ethiopia. PLoS Neglected Tropical Diseases, 2022, 16, e0010131.	1.3	3
88	<p>Glycemic Control Among People Living with Diabetes and Human Immunodeficiency Virus in Ethiopia: Leveraging Clinical Care for the LoomingÂ Co-Epidemics<p>. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 4379-4399.	1.1	2
89	Impact of ivermectin mass drug administration on burden of soil-transmitted helminths in onchocerciasis control and elimination programs, Yeki district, southwest Ethiopia. PLoS ONE, 2022, 17, e0263625.	1.1	2
90	Lipid and Lipoprotein Profile in HIV-Infected and Non-Infected Diabetic Patients: A Comparative Cross-Sectional Study Design, Southwest Ethiopia. HIV/AIDS - Research and Palliative Care, 2021, Volume 13, 1119-1126.	0.4	2

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91	Congenital Cytomegalovirus Infections Mother-Newborn Pair Study in Southern Ethiopia. Canadian Journal of Infectious Diseases and Medical Microbiology, 2021, 2021, 1-7.	0.7	2
92	Vaccine Inequity and Hesitancy: A Vicious Cycle Undermining the Fight Against the COVID-19 Pandemic. Risk Management and Healthcare Policy, 2022, Volume 15, 865-869.	1.2	2
93	Determination of the Physicochemical Quality of Groundwater and its Potential Health Risk for Drinking in Oromia, Ethiopia. Environmental Health Insights, 2022, 16, 117863022210960.	0.6	2
94	Genotype-phenotype feasibility studies on khat abuse, traumatic experiences and psychosis in Ethiopia. Psychiatric Genetics, 2020, 30, 34-38.	0.6	1
95	Strongyloidiasis: the most neglected tropical disease in Ethiopia. Infectious Diseases of Poverty, 2021, 10, 65.	1.5	1
96	Seroprevalence and associated factors of maternal cytomegalovirus in Southern Ethiopia: a cross-sectional study. BMJ Open, 2021, 11, e051390.	0.8	1
97	Cystic echinococcosis, a food-borne zoonotic neglected tropical disease in slaughtered cattle at Jimma Town municipal abattoir, Southwest Ethiopia.. Annals of Parasitology, 2021, 67, 627-635.	0.1	1
98	<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>. Pediatric Health, Medicine and Therapeutics, 2020, Volume 11, 399-407.	0.7	0