

Asrat Mekuria

List of Publications by Year in descending order

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Version: 2024-02-01

148
papers

6,085
citations

76294

40
h-index

91828

69
g-index

150
all docs

150
docs citations

150
times ranked

6314
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Visceral leishmaniasis: what are the needs for diagnosis, treatment and control?. <i>Nature Reviews Microbiology</i> , 2007, 5, 873-882. | 13.6 | 1,255 |
| 2 | Molecular characterization of human isolates of <i>Giardia duodenalis</i> from Ethiopia. <i>Acta Tropica</i> , 2007, 102, 92-99. | 0.9 | 180 |
| 3 | Sodium Stibogluconate (SSG) & Paromomycin Combination Compared to SSG for Visceral Leishmaniasis in East Africa: A Randomised Controlled Trial. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1674. | 1.3 | 123 |
| 4 | Geographical Variation in the Response of Visceral Leishmaniasis to Paromomycin in East Africa: A Multicentre, Open-Label, Randomized Trial. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e709. | 1.3 | 114 |
| 5 | Visceral Leishmaniasis and HIV Coinfection in East Africa. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2869. | 1.3 | 114 |
| 6 | Short-course primaquine for the radical cure of <i>Plasmodium vivax</i> malaria: a multicentre, randomised, placebo-controlled non-inferiority trial. <i>Lancet</i> , The, 2019, 394, 929-938. | 6.3 | 106 |
| 7 | <i>In vitro</i> Evaluation of Antileishmanial Activity and Toxicity of Essential Oils of <i>Artemisia absinthium</i> and <i>Echinops kebericho</i> . <i>Chemistry and Biodiversity</i> , 2011, 8, 614-623. | 1.0 | 91 |
| 8 | Local Suppression of T Cell Responses by Arginase-Induced L-Arginine Depletion in Nonhealing Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e480. | 1.3 | 90 |
| 9 | Paromomycin for the Treatment of Visceral Leishmaniasis in Sudan: A Randomized, Open-Label, Dose-Finding Study. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e855. | 1.3 | 86 |
| 10 | Clinical characteristics and treatment outcome of patients with visceral leishmaniasis and HIV co-infection in northwest Ethiopia. <i>Tropical Medicine and International Health</i> , 2010, 15, 848-855. | 1.0 | 84 |
| 11 | Evaluation of rapid diagnostic tests: visceral leishmaniasis. <i>Nature Reviews Microbiology</i> , 2007, 5, S31-S39. | 13.6 | 82 |
| 12 | <i>Leishmania aethiops</i> Field Isolates Bearing an Endosymbiotic dsRNA Virus Induce Pro-inflammatory Cytokine Response. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2836. | 1.3 | 79 |
| 13 | Drug Discovery for Kinetoplastid Diseases: Future Directions. <i>ACS Infectious Diseases</i> , 2019, 5, 152-157. | 1.8 | 78 |
| 14 | Epidemiology and Individual, Household and Geographical Risk Factors of Podoconiosis in Ethiopia: Results from the First Nationwide Mapping. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 148-158. | 0.6 | 77 |
| 15 | ELEVATED PLASMA LEVELS OF INTERFERON (IFN)- γ , IFN- γ INDUCING CYTOKINES, AND IFN- γ INDUCIBLE CXC CHEMOKINES IN VISCERAL LEISHMANIASIS. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 561-567. | 0.6 | 76 |
| 16 | Safety and Efficacy of Single Dose versus Multiple Doses of AmBisome® for Treatment of Visceral Leishmaniasis in Eastern Africa: A Randomised Trial. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2613. | 1.3 | 71 |
| 17 | Inference of Population Structure of <i>Leishmania donovani</i> Strains Isolated from Different Ethiopian Visceral Leishmaniasis Endemic Areas. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e889. | 1.3 | 70 |
| 18 | Development and Evaluation of a Novel Loop-Mediated Isothermal Amplification Assay for Diagnosis of Cutaneous and Visceral Leishmaniasis. <i>Journal of Clinical Microbiology</i> , 2018, 56, . | 1.8 | 68 |

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|----|--|-----|-----------|
| 19 | HIV viral load and response to antileishmanial chemotherapy in co-infected patients. <i>Aids</i> , 1999, 13, 1921-1925. | 1.0 | 66 |
| 20 | T cell subset and cytokine profiles in human visceral leishmaniasis during active and asymptomatic or sub-clinical infection with <i>Leishmania donovani</i> . <i>Clinical Immunology</i> , 2005, 117, 182-191. | 1.4 | 66 |
| 21 | Efficacy and Safety of AmBisome in Combination with Sodium Stibogluconate or Miltefosine and Miltefosine Monotherapy for African Visceral Leishmaniasis: Phase II Randomized Trial. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004880. | 1.3 | 66 |
| 22 | High Parasitological Failure Rate of Visceral Leishmaniasis to Sodium Stibogluconate among HIV Co-infected Adults in Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2875. | 1.3 | 64 |
| 23 | Mapping and Modelling the Geographical Distribution and Environmental Limits of Podoconiosis in Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003946. | 1.3 | 62 |
| 24 | Indications of the Protective Role of Natural Killer Cells in Human Cutaneous Leishmaniasis in an Area of Endemicity. <i>Infection and Immunity</i> , 1998, 66, 2698-2704. | 1.0 | 61 |
| 25 | <i>Theileria</i> infection in domestic ruminants in northern Ethiopia. <i>Veterinary Parasitology</i> , 2014, 200, 31-38. | 0.7 | 58 |
| 26 | Incidence, prevalence and mortality rates of malaria in Ethiopia from 1990 to 2015: analysis of the global burden of diseases 2015. <i>Malaria Journal</i> , 2017, 16, 271. | 0.8 | 58 |
| 27 | Arginase Activity - A Marker of Disease Status in Patients with Visceral Leishmaniasis in Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2134. | 1.3 | 56 |
| 28 | Treatment of Cutaneous Leishmaniasis Caused by <i>Leishmania aethiops</i> : A Systematic Review. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004495. | 1.3 | 54 |
| 29 | Comparative Analysis of Salivary Gland Transcriptomes of <i>Phlebotomus orientalis</i> Sand Flies from Endemic and Non-endemic Foci of Visceral Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2709. | 1.3 | 53 |
| 30 | Use of Pentamidine As Secondary Prophylaxis to Prevent Visceral Leishmaniasis Relapse in HIV Infected Patients, the First Twelve Months of a Prospective Cohort Study. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004087. | 1.3 | 53 |
| 31 | Local Increase of Arginase Activity in Lesions of Patients with Cutaneous Leishmaniasis in Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1684. | 1.3 | 52 |
| 32 | High prevalence of anti-toxoplasma antibodies and absence of <i>Toxoplasma gondii</i> infection risk factors among pregnant women attending routine antenatal care in two Hospitals of Addis Ababa, Ethiopia. <i>International Journal of Infectious Diseases</i> , 2015, 34, 41-45. | 1.5 | 52 |
| 33 | Detection of <i>Leishmania donovani</i> and <i>L. tropica</i> in Ethiopian wild rodents. <i>Acta Tropica</i> , 2015, 145, 39-44. | 0.9 | 50 |
| 34 | Essential Oil Composition, Antileishmanial, and Toxicity Study of <i>Artemisia abyssinica</i> and <i>Satureja punctata</i> ssp. <i>punctata</i> from Ethiopia. <i>Chemistry and Biodiversity</i> , 2010, 7, 1009-1018. | 1.0 | 48 |
| 35 | Arginase Activity in the Blood of Patients with Visceral Leishmaniasis and HIV Infection. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e1977. | 1.3 | 48 |
| 36 | Safety and Effectiveness of Sodium Stibogluconate and Paromomycin Combination for the Treatment of Visceral Leishmaniasis in Eastern Africa: Results from a Pharmacovigilance Programme. <i>Clinical Drug Investigation</i> , 2017, 37, 259-272. | 1.1 | 47 |

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|----|---|------|-----------|
| 37 | A randomized trial of AmBisome monotherapy and AmBisome and miltefosine combination to treat visceral leishmaniasis in HIV co-infected patients in Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0006988. | 1.3 | 47 |
| 38 | Risk factors of visceral leishmaniasis: a case control study in north-western Ethiopia. <i>Parasites and Vectors</i> , 2014, 7, 470. | 1.0 | 46 |
| 39 | Cutaneous Leishmaniasis Due to <i>Leishmania aethiops</i> . <i>EClinicalMedicine</i> , 2018, 6, 69-81. | 3.2 | 45 |
| 40 | <i>Phlebotomus orientalis</i> Sand Flies from Two Geographically Distant Ethiopian Localities: Biology, Genetic Analyses and Susceptibility to <i>Leishmania donovani</i> . <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2187. | 1.3 | 44 |
| 41 | Development and comparative evaluation of two antigen detection tests for Visceral Leishmaniasis. <i>BMC Infectious Diseases</i> , 2015, 15, 384. | 1.3 | 44 |
| 42 | Optimization of loop-mediated isothermal amplification (LAMP) assays for the detection of <i>Leishmania</i> DNA in human blood samples. <i>Acta Tropica</i> , 2016, 162, 20-26. | 0.9 | 44 |
| 43 | 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 |
| 44 | Visceral leishmaniasis: what are the needs for diagnosis, treatment and control?. <i>Nature Reviews Microbiology</i> , 2007, 5, S7-S16. | 13.6 | 42 |
| 45 | Natural infection of bats with <i>Leishmania</i> in Ethiopia. <i>Acta Tropica</i> , 2015, 150, 166-170. | 0.9 | 41 |
| 46 | Genome wide comparison of Ethiopian <i>Leishmania donovani</i> strains reveals differences potentially related to parasite survival. <i>PLoS Genetics</i> , 2018, 14, e1007133. | 1.5 | 40 |
| 47 | HIV-1 protease inhibitors for treatment of visceral leishmaniasis in HIV-co-infected individuals. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 251-259. | 4.6 | 39 |
| 48 | Visceral Leishmaniasis Patients Display Altered Composition and Maturity of Neutrophils as well as Impaired Neutrophil Effector Functions. <i>Frontiers in Immunology</i> , 2016, 7, 517. | 2.2 | 39 |
| 49 | Distinct Immunity in Patients with Visceral Leishmaniasis from that in Subclinically Infected and Drug-Cured People: Implications for the Mechanism Underlying Drug Cure. <i>Journal of Infectious Diseases</i> , 2001, 184, 112-115. | 1.9 | 38 |
| 50 | Molecular characterization of <i>Cryptosporidium</i> isolates from humans in Ethiopia. <i>Acta Tropica</i> , 2010, 115, 77-83. | 0.9 | 38 |
| 51 | Exposure to <i>Leishmania</i> spp. and sand flies in domestic animals in northwestern Ethiopia. <i>Parasites and Vectors</i> , 2015, 8, 360. | 1.0 | 38 |
| 52 | Comparison of Point-of-Care Tests for the Rapid Diagnosis of Visceral Leishmaniasis in East African Patients. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 1109-1115. | 0.6 | 37 |
| 53 | Estimating the number of cases of podocniosis in Ethiopia using geostatistical methods. <i>Wellcome Open Research</i> , 2017, 2, 78. | 0.9 | 36 |
| 54 | Isolation of <i>Leishmania tropica</i> from an Ethiopian cutaneous leishmaniasis patient. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2006, 100, 53-58. | 0.7 | 35 |

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|----|---|-----|-----------|
| 55 | Age-Related Alteration of Arginase Activity Impacts on Severity of Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e235. | 1.3 | 35 |
| 56 | Elevated plasma levels of interferon (IFN)-gamma, IFN-gamma inducing cytokines, and IFN-gamma inducible CXC chemokines in visceral leishmaniasis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 561-7. | 0.6 | 33 |
| 57 | Is <i>Phlebotomus (Larroussius) orientalis</i> a vector of visceral leishmaniasis in South-west Ethiopia?. <i>Acta Tropica</i> , 1995, 60, 15-20. | 0.9 | 32 |
| 58 | Quantifying the Contribution of Hosts with Different Parasite Concentrations to the Transmission of Visceral Leishmaniasis in Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3288. | 1.3 | 32 |
| 59 | Characterization of breeding sites of <i>Phlebotomus orientalis</i> – The vector of visceral leishmaniasis in northwestern Ethiopia. <i>Acta Tropica</i> , 2014, 139, 5-14. | 0.9 | 32 |
| 60 | Plant-feeding phlebotomine sand flies, vectors of leishmaniasis, prefer <i>Cannabis sativa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11790-11795. | 3.3 | 32 |
| 61 | Polymorphism in the HASPB Repeat Region of East African <i>Leishmania donovani</i> Strains. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2031. | 1.3 | 31 |
| 62 | Multilocus sequence and microsatellite identification of intra-specific hybrids and ancestor-like donors among natural Ethiopian isolates of <i>Leishmania donovani</i> . <i>International Journal for Parasitology</i> , 2014, 44, 751-757. | 1.3 | 31 |
| 63 | Atypical manifestations of visceral leishmaniasis in patients with HIV in north Ethiopia: a gap in guidelines for the management of opportunistic infections in resource poor settings. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 122-129. | 4.6 | 31 |
| 64 | Clinical aspects of paediatric visceral leishmaniasis in Northwest Ethiopia. <i>Tropical Medicine and International Health</i> , 2015, 20, 8-16. | 1.0 | 30 |
| 65 | Spatial Distribution of Podoconiosis in Relation to Environmental Factors in Ethiopia: A Historical Review. <i>PLoS ONE</i> , 2013, 8, e68330. | 1.1 | 29 |
| 66 | Visceral Leishmaniasis: New Health Tools Are Needed. <i>PLoS Medicine</i> , 2005, 2, e211. | 3.9 | 28 |
| 67 | Evaluation of crude hydatid cyst fluid antigens for the serological diagnosis of hydatidosis in cattle. <i>Journal of Helminthology</i> , 2011, 85, 100-108. | 0.4 | 28 |
| 68 | Molecular characterization of <i>Theileria orientalis</i> from cattle in Ethiopia. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 742-747. | 1.1 | 28 |
| 69 | Successful Treatment of Human Visceral Leishmaniasis Restores Antigen-Specific IFN- γ , but not IL-10 Production. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004468. | 1.3 | 28 |
| 70 | Current status of bovine cysticercosis of slaughtered cattle in Addis Ababa Abattoir, Ethiopia. <i>Tropical Animal Health and Production</i> , 2009, 41, 291-294. | 0.5 | 27 |
| 71 | Species composition of phlebotomine sand flies and bionomics of <i>Phlebotomus orientalis</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overl) Ethiopia. <i>Parasites and Vectors</i> , 2015, 8, 248. | 1.0 | 27 |
| 72 | Safety and efficacy of liposomal amphotericin B for treatment of complicated visceral leishmaniasis in patients without HIV, North-West Ethiopia. <i>BMC Infectious Diseases</i> , 2016, 16, 548. | 1.3 | 27 |

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|----|---|-----|-----------|
| 73 | Host-feeding preference of <i>Phlebotomus orientalis</i> (Diptera: Psychodidae) in an endemic focus of visceral leishmaniasis in northern Ethiopia. <i>Parasites and Vectors</i> , 2015, 8, 270. | 1.0 | 26 |
| 74 | Preliminary survey of domestic animal visceral leishmaniasis and risk factors in north-west Ethiopia. <i>Tropical Medicine and International Health</i> , 2015, 20, 205-210. | 1.0 | 26 |
| 75 | Minimally invasive microbiopsies: a novel sampling method for identifying asymptomatic, potentially infectious carriers of <i>Leishmania donovani</i> . <i>International Journal for Parasitology</i> , 2017, 47, 609-616. | 1.3 | 26 |
| 76 | Long-term Clinical Outcomes in Visceral Leishmaniasis/Human Immunodeficiency Virus Coinfected Patients During and After Pentamidine Secondary Prophylaxis in Ethiopia: A Single-Arm Clinical Trial. <i>Clinical Infectious Diseases</i> , 2018, 66, 444-451. | 2.9 | 26 |
| 77 | Disseminated Cutaneous Leishmaniasis Resembling Post-Kala-Azar Dermal Leishmaniasis Caused by <i>Leishmania donovani</i> in Three Patients Co-Infected with Visceral Leishmaniasis and Human Immunodeficiency Virus/Acquired Immunodeficiency Syndrome in Ethiopia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 84, 906-912. | 0.6 | 25 |
| 78 | Human Intestinal Schistosomiasis in Communities Living Near Three Rivers of Jimma Town, South Western Ethiopia. <i>Ethiopian Journal of Health Sciences</i> , 2011, 21, 111-8. | 0.2 | 24 |
| 79 | Evaluation of antileishmanial activities of triglycerides isolated from roots of <i>Moringa stenopetala</i> . <i>Medicinal Chemistry Research</i> , 2013, 22, 4592-4599. | 1.1 | 23 |
| 80 | Visceral Leishmaniasis and HIV Coinfection: Time for Concerted Action. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3023. | 1.3 | 23 |
| 81 | Visceral leishmaniasis relapse hazard is linked to reduced miltefosine exposure in patients from Eastern Africa: a population pharmacokinetic/pharmacodynamic study. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 3131-3140. | 1.3 | 23 |
| 82 | Sero-prevalence of <i>Leishmania donovani</i> infection in labour migrants and entomological risk factors in extra-domestic habitats of Kafta-Humera lowlands - kala-azar endemic areas in the northwest Ethiopia. <i>BMC Infectious Diseases</i> , 2015, 15, 99. | 1.3 | 22 |
| 83 | A Screen-and-Treat Strategy Targeting Visceral Leishmaniasis in HIV-Infected Individuals in Endemic East African Countries: The Way Forward?. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3011. | 1.3 | 21 |
| 84 | Host choice of <i>Phlebotomus orientalis</i> (Diptera: Psychodidae) in animal baited experiments: a field study in Tahtay Adiyabo district, northern Ethiopia. <i>Parasites and Vectors</i> , 2015, 8, 190. | 1.0 | 21 |
| 85 | Long term outcomes and prognostics of visceral leishmaniasis in HIV infected patients with use of pentamidine as secondary prophylaxis based on CD4 level: a prospective cohort study in Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007132. | 1.3 | 21 |
| 86 | Preliminary study on investigation of zoonotic visceral leishmaniasis in endemic foci of Ethiopia by detecting <i>Leishmania</i> infections in rodents. <i>Asian Pacific Journal of Tropical Medicine</i> , 2017, 10, 418-422. | 0.4 | 20 |
| 87 | Diversity and altitudinal distribution of phlebotomine sand flies (Diptera: Psychodidae) in visceral leishmaniasis endemic areas of northwest Ethiopia. <i>Acta Tropica</i> , 2017, 176, 1-10. | 0.9 | 20 |
| 88 | Inter-current and nosocomial infections among visceral leishmaniasis patients in Ethiopia: an observational study. <i>Acta Tropica</i> , 2001, 80, 87-95. | 0.9 | 18 |
| 89 | A molecular analysis of sand fly blood meals in a visceral leishmaniasis endemic region of northwestern Ethiopia reveals a complex host-vector system. <i>Heliyon</i> , 2019, 5, e02132. | 1.4 | 18 |
| 90 | Molecular surveillance of mutations in dihydrofolate reductase and dihydropteroate synthase genes of <i>Plasmodium falciparum</i> in Ethiopia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 1131-4. | 0.6 | 18 |

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|-----|---|-----|-----------|
| 91 | Attraction of phlebotomine sand flies to baited and non-baited horizontal surfaces. <i>Acta Tropica</i> , 2013, 126, 205-210. | 0.9 | 17 |
| 92 | Impact of the Use of a Rapid Diagnostic Test for Visceral Leishmaniasis on Clinical Practice in Ethiopia: A Retrospective Study. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003738. | 1.3 | 17 |
| 93 | Genomic analysis of natural intra-specific hybrids among Ethiopian isolates of <i>Leishmania donovani</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007143. | 1.3 | 17 |
| 94 | Identification, sequencing and expression of peroxidoxin genes from <i>Leishmania aethiopia</i> . <i>Acta Tropica</i> , 2006, 99, 88-96. | 0.9 | 16 |
| 95 | The influence of moonlight and lunar periodicity on the efficacy of CDC light trap in sampling <i>Phlebotomus (Larrousius) orientalis</i> Parrot, 1936 and other <i>Phlebotomus</i> sandflies (Diptera: Tj ETQq1 1 0.784314 log BT / Overdock 10 | | |
| 96 | Challenges and Opportunities for Drug Discovery in Developing Countries: The Example of Cutaneous Leishmaniasis. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 2058-2062. | 1.3 | 16 |
| 97 | A phylogeny of sand flies (<sc>D</sc>iptera: <sc>P</sc>sychodidae: <sc>P</sc>hlebotominae), using recent <sc>E</sc>thiopian collections and a broad selection of publicly available <sc>DNA</sc> sequence data. <i>Systematic Entomology</i> , 2015, 40, 733-744. | 1.7 | 15 |
| 98 | Studies on sand fly fauna and ecological analysis of <i>Phlebotomus orientalis</i> in the highland and lowland foci of kala-azar in northwestern Ethiopia. <i>PLoS ONE</i> , 2017, 12, e0175308. | 1.1 | 15 |
| 99 | <i>Leishmania aethiopia</i> : Experimental infections in non-human primates. <i>Acta Tropica</i> , 1995, 59, 243-250. | 0.9 | 14 |
| 100 | Constituents, Antileishmanial Activity and Toxicity Profile of Volatile Oil from Berries of <i>Croton macrostachyus</i>. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500. | 0.2 | 14 |
| 101 | Multilocus microsatellite typing revealed high genetic variability of <i>Leishmania donovani</i> strains isolated during and after a Kala-azar epidemic in Libo Kemkem district, Northwest Ethiopia. <i>Microbes and Infection</i> , 2011, 13, 595-601. | 1.0 | 14 |
| 102 | Nocturnal activities and host preferences of <i>Phlebotomus orientalis</i> in extra-domestic habitats of Kafta-Humera lowlands, Kala-azar endemic, Northwest Ethiopia. <i>Parasites and Vectors</i> , 2014, 7, 594. | 1.0 | 14 |
| 103 | Phytochemistry and Antileishmanial Activity of the Leaf Latex of <sc><i>Aloe calidophila</i></sc> Reynolds. <i>Phytotherapy Research</i> , 2014, 28, 1801-1805. | 2.8 | 14 |
| 104 | Serum cytokines of the 20Krad-irradiated <i>S. mansoni</i> cercariae vaccinated, primary and superinfected <i>Cercopethicus aethiops aethiops</i> . <i>Experimental Parasitology</i> , 2007, 115, 121-126. | 0.5 | 13 |
| 105 | Epidemiology of visceral leishmaniasis in Shebelle Zone of Somali Region, eastern Ethiopia. <i>Parasites and Vectors</i> , 2019, 12, 209. | 1.0 | 13 |
| 106 | Disease severity in patients with visceral leishmaniasis is not altered by co-infection with intestinal parasites. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005727. | 1.3 | 13 |
| 107 | Parasitological and clinico-epidemiological features of onchocerciasis in West Wellega, Ethiopia. <i>Journal of Parasitic Diseases</i> , 2012, 36, 10-18. | 0.4 | 12 |
| 108 | Nocturnal periodicity of <i>Phlebotomus (Larrousius) orientalis</i> (Diptera: Psychodidae) in an endemic focus of visceral leishmaniasis in Northern Ethiopia. <i>Parasites and Vectors</i> , 2015, 8, 186. | 1.0 | 12 |

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|-----|---|-----|-----------|
| 109 | Diagnosis of Visceral Leishmaniasis Using Peripheral Blood Microscopy in Ethiopia: A Prospective Phase-III Study of the Diagnostic Performance of Different Concentration Techniques Compared to Tissue Aspiration. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 190-196. | 0.6 | 12 |
| 110 | An epidemiological study of visceral leishmaniasis in North East Ethiopia using serological and leishmanin skin tests. <i>PLoS ONE</i> , 2019, 14, e0225083. | 1.1 | 12 |
| 111 | The use of direct agglutination test (DAT) in serological diagnosis of Ethiopian cutaneous leishmaniasis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2002, 42, 251-256. | 0.8 | 11 |
| 112 | <i>Sergentomyia</i> spp.: Breeding sites in vertisols and peri-domestic habitats in North West Ethiopia. <i>Acta Tropica</i> , 2014, 137, 88-94. | 0.9 | 11 |
| 113 | Antileishmanial Evaluation of the Leaf Latex of <i>Aloe macrocarpa</i> , Aloin A/B, and Its Semisynthetic Derivatives against Two <i>Leishmania</i> Species. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-6. | 0.5 | 11 |
| 114 | Comparative study on the nocturnal activity of phlebotomine sand flies in a highland and lowland foci of visceral leishmaniasis in north-western Ethiopia with special reference to <i>Phlebotomus orientalis</i> . <i>Parasites and Vectors</i> , 2017, 10, 393. | 1.0 | 10 |
| 115 | A fine scale eco-epidemiological study on endemic visceral leishmaniasis in north ethiopian villages. <i>Acta Tropica</i> , 2018, 183, 64-77. | 0.9 | 10 |
| 116 | Human antibody reaction against recombinant salivary proteins of <i>Phlebotomus orientalis</i> in Eastern Africa. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006981. | 1.3 | 10 |
| 117 | Analysis of genetic polymorphisms and tropism in East African <i>Leishmania donovani</i> by Amplified Fragment Length Polymorphism and <i>k</i> DNA minicircle sequencing. <i>Infection, Genetics and Evolution</i> , 2018, 65, 80-90. | 1.0 | 10 |
| 118 | Habitat preference and seasonal dynamics of <i>Phlebotomus orientalis</i> in urban and semi-urban areas of kala-azar endemic district of Kafta Humera, northwest Ethiopia. <i>Acta Tropica</i> , 2017, 166, 25-34. | 0.9 | 9 |
| 119 | Visceral leishmaniasis in selected communities of Hamar and Banna-Tsamai districts in Lower Omo Valley, South West Ethiopia: Sero-epidemiological and Leishmanin Skin Test Surveys. <i>PLoS ONE</i> , 2018, 13, e0197430. | 1.1 | 8 |
| 120 | Low antileishmanial drug exposure in HIV-positive visceral leishmaniasis patients on antiretrovirals: an Ethiopian cohort study. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1258-1268. | 1.3 | 8 |
| 121 | Geographical Variability in Paromomycin Pharmacokinetics Does Not Explain Efficacy Differences between Eastern African and Indian Visceral Leishmaniasis Patients. <i>Clinical Pharmacokinetics</i> , 2021, 60, 1463-1473. | 1.6 | 8 |
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