

Johnny Vlaminck

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,397
citations

361296

20
h-index

360920

35
g-index

55
all docs

55
docs citations

55
times ranked

1755
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	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
3	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
4	Quantitative PCR in soil-transmitted helminth epidemiology and control programs: Toward a universal standard. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009134.	1.3	14
5	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
6	A strong effect of individual compliance with mass drug administration for lymphatic filariasis on sustained clearance of soil-transmitted helminth infections. <i>Parasites and Vectors</i> , 2021, 14, 310.	1.0	0
7	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
8	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
9	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
10	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
11	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
12	The global progress of soil-transmitted helminthiasis control in 2020 and World Health Organization targets for 2030. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008505.	1.3	119
13	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
14	The impact of four years of semiannual treatments with albendazole alone on lymphatic filariasis and soil-transmitted helminth infections: A community-based study in the Democratic Republic of the Congo. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008322.	1.3	15
15	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
16	High anti- <i>Ascaris</i> seroprevalence in fattening pigs in Sichuan, China, calls for improved management strategies. <i>Parasites and Vectors</i> , 2020, 13, 60.	1.0	10
17	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
18	Piloting a surveillance system to monitor the global patterns of drug efficacy and the emergence of anthelmintic resistance in soil-transmitted helminth control programs: a Starworms study protocol. <i>Gates Open Research</i> , 2020, 4, 28.	2.0	17

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19	Detection of <i>Ascaris lumbricoides</i> infection by ABA-1 coproantigen ELISA. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008807.	1.3	12
20	Quantitative lipidomic analysis of <i>Ascaris suum</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008848.	1.3	5
21	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
22	Quantitative lipidomic analysis of <i>Ascaris suum</i> . , 2020, 14, e0008848.		0
23	Quantitative lipidomic analysis of <i>Ascaris suum</i> . , 2020, 14, e0008848.		0
24	Quantitative lipidomic analysis of <i>Ascaris suum</i> . , 2020, 14, e0008848.		0
25	Quantitative lipidomic analysis of <i>Ascaris suum</i> . , 2020, 14, e0008848.		0
26	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
27	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
28	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
29	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
30	Anti- <i>Ascaris suum</i> IgG antibodies in fattening pigs with different respiratory conditions. <i>Veterinary Parasitology</i> , 2019, 265, 85-90.	0.7	8
31	Risk factors for lymphatic filariasis in two villages of the Democratic Republic of the Congo. <i>Parasites and Vectors</i> , 2019, 12, 162.	1.0	11
32	Effect of strategic deworming on <i>Ascaris suum</i> exposure and technical performance parameters in fattening pigs. <i>Veterinary Parasitology</i> , 2019, 268, 67-72.	0.7	10
33	Comparison of Kato-Katz Thick Smear, Mini-FLOTAC, and Flukefinder for the Detection and Quantification of <i>Fasciola hepatica</i> Eggs in Artificially Spiked Human Stool. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 59-61.	0.6	12
34	The optimal timing of post-treatment sampling for the assessment of anthelmintic drug efficacy against <i>Ascaris</i> infections in humans. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018, 8, 67-69.	1.4	21
35	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
36	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

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37	Diagnostic comparison between FECPAK2 and the Kato-Katz method for analyzing soil-transmitted helminth eggs in stool. PLoS Neglected Tropical Diseases, 2018, 12, e0006562.	1.3	31
38	Seasonally timed treatment programs for <i>Ascaris lumbricoides</i> to increase impact—An investigation using mathematical models. PLoS Neglected Tropical Diseases, 2018, 12, e0006195.	1.3	15
39	Diagnostic tools for soil-transmitted helminths control and elimination programs: A pathway for diagnostic product development. PLoS Neglected Tropical Diseases, 2018, 12, e0006213.	1.3	46
40	Evaluation of serology to measure exposure of piglets to <i>Ascaris suum</i> during the nursery phase. Veterinary Parasitology, 2017, 246, 82-87.	0.7	9
41	Measurement of Circulating Filarial Antigen Levels in Human Blood with a Point-of-Care Test Strip and a Portable Spectrodensitometer. American Journal of Tropical Medicine and Hygiene, 2016, 94, 1324-1329.	0.6	30
42	Community Rates of IgG4 Antibodies to <i>Ascaris</i> Haemoglobin Reflect Changes in Community Egg Loads Following Mass Drug Administration. PLoS Neglected Tropical Diseases, 2016, 10, e0004532.	1.3	23
43	A Phosphorylcholine-Containing Glycolipid-like Antigen Present on the Surface of Infective Stage Larvae of <i>Ascaris</i> spp. Is a Major Antibody Target in Infected Pigs and Humans. PLoS Neglected Tropical Diseases, 2016, 10, e0005166.	1.3	12
44	Serological examination of fattening pigs reveals associations between <i>Ascaris suum</i> , lung pathogens and technical performance parameters. Veterinary Parasitology, 2015, 210, 151-158.	0.7	32
45	Diagnostic Tools for Onchocerciasis Elimination Programs. Trends in Parasitology, 2015, 31, 571-582.	1.5	62
46	Vaccination of calves against <i>Cooperia oncophora</i> with a double-domain activation-associated secreted protein reduces parasite egg output and pasture contamination. International Journal for Parasitology, 2015, 45, 209-213.	1.3	28
47	Advances in the diagnosis of <i>Ascaris suum</i> infections in pigs and their possible applications in humans. Parasitology, 2014, 141, 1904-1911.	0.7	34
48	Diagnosis and Control of Ascariasis in Pigs. , 2013, , 395-425.		2
49	The Intestinal Expulsion of the Roundworm <i>Ascaris suum</i> Is Associated with Eosinophils, Intra-Epithelial T Cells and Decreased Intestinal Transit Time. PLoS Neglected Tropical Diseases, 2013, 7, e2588.	1.3	47
50	Proteomic Analysis of the Excretory-Secretory Products from Larval Stages of <i>Ascaris suum</i> Reveals High Abundance of Glycosyl Hydrolases. PLoS Neglected Tropical Diseases, 2013, 7, e2467.	1.3	63
51	A Role for Eosinophils in the Intestinal Immunity against Infective <i>Ascaris suum</i> Larvae. PLoS Neglected Tropical Diseases, 2013, 7, e2138.	1.3	52
52	Evaluation of a serodiagnostic test using <i>Ascaris suum</i> haemoglobin for the detection of roundworm infections in pig populations. Veterinary Parasitology, 2012, 189, 267-273.	0.7	38
53	<i>Ascaris suum</i> draft genome. Nature, 2011, 479, 529-533.	13.7	246
54	Vaccination Against <i>Strongyloides venezuelensis</i> with Homologue Antigens Using New Immunomodulators. Journal of Parasitology, 2010, 96, 643-647.	0.3	8