

Philippe Buscher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3318227/publications.pdf>

Version: 2024-02-01

222
papers

8,471
citations

38720

50
h-index

66879

78
g-index

231
all docs

231
docs citations

231
times ranked

5435
citing authors

#	ARTICLE	IF	CITATIONS
1	Human African trypanosomiasis. <i>Lancet</i> , The, 2017, 390, 2397-2409.	6.3	527
2	International Study to Evaluate PCR Methods for Detection of <i>Trypanosoma cruzi</i> DNA in Blood Samples from Chagas Disease Patients. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e931.	1.3	300
3	Options for Field Diagnosis of Human African Trypanosomiasis. <i>Clinical Microbiology Reviews</i> , 2005, 18, 133-146.	5.7	294
4	From The Cover: Murine malaria parasite sequestration: CD36 is the major receptor, but cerebral pathology is unlinked to sequestration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11468-11473.	3.3	283
5	Treatment of human African trypanosomiasis—present situation and needs for research and development. <i>Lancet Infectious Diseases</i> , The, 2002, 2, 437-440.	4.6	236
6	Untreated Human Infections by <i>Trypanosoma brucei gambiense</i> Are Not 100% Fatal. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1691.	1.3	163
7	The serum resistance-associated gene as a diagnostic tool for the detection of <i>Trypanosoma brucei rhodesiense</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 67, 684-690.	0.6	143
8	Do Cryptic Reservoirs Threaten Gambiense-Sleeping Sickness Elimination?. <i>Trends in Parasitology</i> , 2018, 34, 197-207.	1.5	139
9	Atypical Human Infections by Animal Trypanosomes. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2256.	1.3	134
10	Novel primer sequences for polymerase chain reaction-based detection of <i>Trypanosoma brucei gambiense</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 67, 289-295.	0.6	134
11	Systematic review and meta-analysis on the global distribution, host range, and prevalence of <i>Trypanosoma evansi</i> . <i>Parasites and Vectors</i> , 2019, 12, 67.	1.0	119
12	Evaluation of variant specific trypanolysis tests for serodiagnosis of human infections with <i>Trypanosoma brucei gambiense</i> . <i>Acta Tropica</i> , 1995, 60, 189-199.	0.9	106
13	Improved Models of Mini Anion Exchange Centrifugation Technique (mAECT) and Modified Single Centrifugation (MSC) for Sleeping Sickness Diagnosis and Staging. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e471.	1.3	101
14	Variable Surface Glycoprotein RoTat 1.2 PCR as a specific diagnostic tool for the detection of <i>Trypanosoma evansi</i> infections. <i>Parasites and Vectors</i> , 2004, 3, 3.	1.9	96
15	Equivalence Trial of Melarsoprol and Nifurtimox Monotherapy and Combination Therapy for the Treatment of Second-Stage <i>Trypanosoma brucei gambiense</i> Sleeping Sickness. <i>Journal of Infectious Diseases</i> , 2007, 195, 322-329.	1.9	95
16	Experimental Comparison of Four Differential Mobility Analyzers for Nanometer Aerosol Measurements. <i>Aerosol Science and Technology</i> , 1996, 24, 1-13.	1.5	94
17	Intrathecal Immune Response Pattern for Improved Diagnosis of Central Nervous System Involvement in Trypanosomiasis. <i>Journal of Infectious Diseases</i> , 2003, 187, 1475-1483.	1.9	92
18	<i>Trypanosoma equiperdum</i> : master of disguise or historical mistake?. <i>Trends in Parasitology</i> , 2005, 21, 316-321.	1.5	92

#	ARTICLE	IF	CITATIONS
19	Molecular Dipstick Test for Diagnosis of Sleeping Sickness. <i>Journal of Clinical Microbiology</i> , 2006, 44, 2884-2889.	1.8	83
20	Performance of a unipolar square wave diffusion charger with variable nt-product. <i>Journal of Aerosol Science</i> , 1994, 25, 651-663.	1.8	82
21	Comparison of serological tests for <i>Trypanosoma evansi</i> natural infections in water buffaloes from north Vietnam. <i>Veterinary Parasitology</i> , 2000, 92, 87-96.	0.7	79
22	Revisiting the Immune Trypanolysis Test to Optimise Epidemiological Surveillance and Control of Sleeping Sickness in West Africa. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e917.	1.3	79
23	Expression and Role of CXCL10 during the Encephalitic Stage of Experimental and Clinical African Trypanosomiasis. <i>Journal of Infectious Diseases</i> , 2009, 200, 1556-1565.	1.9	77
24	Follow-up of Card Agglutination Trypanosomiasis Test (CATT) positive but apparently aparasitaemic individuals in Cote d'Ivoire: evidence for a complex and heterogeneous population. <i>Tropical Medicine and International Health</i> , 2000, 5, 786-793.	1.0	76
25	Diagnostic accuracy of a new <i>Leishmania</i> PCR for clinical visceral leishmaniasis in Nepal and its role in diagnosis of disease. <i>Tropical Medicine and International Health</i> , 2008, 13, 1378-1383.	1.0	76
26	General expression of RoTat 1.2 variable antigen type in <i>Trypanosoma evansi</i> isolates from different origin. <i>Veterinary Parasitology</i> , 2001, 97, 185-191.	0.7	75
27	A Simplified and Standardized Polymerase Chain Reaction Format for the Diagnosis of Leishmaniasis. <i>Journal of Infectious Diseases</i> , 2008, 198, 1565-1572.	1.9	75
28	Review Article: Cerebrospinal fluid in human African trypanosomiasis: a key to diagnosis, therapeutic decision and post-treatment follow-up. <i>Tropical Medicine and International Health</i> , 2005, 10, 395-403.	1.0	74
29	Rapid Diagnostic Test for Sleeping Sickness. <i>New England Journal of Medicine</i> , 2013, 368, 1069-1070.	13.9	71
30	Sensitivity and specificity of HAT Sero-K-Set, a rapid diagnostic test for serodiagnosis of sleeping sickness caused by <i>Trypanosoma brucei gambiense</i> : a case-control study. <i>The Lancet Global Health</i> , 2014, 2, e359-e363.	2.9	71
31	Sensitivity and Specificity of a Prototype Rapid Diagnostic Test for the Detection of <i>Trypanosoma brucei gambiense</i> Infection: A Multi-centric Prospective Study. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004608.	1.3	67
32	Bioluminescent Imaging of <i>Trypanosoma brucei</i> Shows Preferential Testis Dissemination Which May Hamper Drug Efficacy in Sleeping Sickness. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e486.	1.3	66
33	<i>Trypanosoma evansi</i> : Cloning and Expression in <i>Spodoptera fugiperda</i> Insect Cells of the Diagnostic Antigen RoTat1.2. <i>Experimental Parasitology</i> , 2001, 99, 181-189.	0.5	65
34	Interleukin (IL)-6, IL-8 and IL-10 in serum and CSF of <i>Trypanosoma brucei gambiense</i> sleeping sickness patients before and after treatment. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2002, 96, 329-333.	0.7	65
35	How to Shorten Patient Follow-Up after Treatment for <i>Trypanosoma brucei gambiense</i> Sleeping Sickness. <i>Journal of Infectious Diseases</i> , 2010, 201, 453-463.	1.9	65
36	Aquaporin 2 Mutations in <i>Trypanosoma brucei gambiense</i> Field Isolates Correlate with Decreased Susceptibility to Pentamidine and Melarsoprol. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2475.	1.3	63

#	ARTICLE	IF	CITATIONS
37	Epidemiology of <i>Trypanosoma evansi</i> and <i>Trypanosoma vivax</i> in domestic animals from selected districts of Tigray and Afar regions, Northern Ethiopia. <i>Parasites and Vectors</i> , 2015, 8, 212.	1.0	63
38	<i>Trypanosoma evansi</i> : Recent outbreaks in Europe. <i>Veterinary Parasitology</i> , 2010, 174, 26-29.	0.7	62
39	A comparative evaluation of parasitological tests and a PCR for <i>Trypanosoma evansi</i> diagnosis in experimentally infected water buffaloes. <i>Veterinary Parasitology</i> , 2001, 97, 23-33.	0.7	60
40	Single centrifugation of cerebrospinal fluid in a sealed pasteur pipette for simple, rapid and sensitive detection of trypanosomes. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2000, 94, 293.	0.7	59
41	Aparasitemic serological suspects in <i>Trypanosoma brucei gambiense</i> human African trypanosomiasis: A potential human reservoir of parasites?. <i>Acta Tropica</i> , 2006, 98, 183-188.	0.9	59
42	Molecular analysis of archived blood slides reveals an atypical human <i>Trypanosoma</i> infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2008, 61, 428-433.	0.8	59
43	Bloodâ€“cerebrospinal fluid barrier and intrathecal immunoglobulins compared to field diagnosis of central nervous system involvement in sleeping sickness. <i>Journal of the Neurological Sciences</i> , 2002, 193, 127-135.	0.3	56
44	Low Specificities of HIV Diagnostic Tests Caused by <i>Trypanosoma brucei gambiense</i> Sleeping Sickness. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2836-2839.	1.8	55
45	Diagnostic Accuracy of PCR in gambiense Sleeping Sickness Diagnosis, Staging and Post-Treatment Follow-Up: A 2-year Longitudinal Study. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e972.	1.3	55
46	The challenge of <i>Trypanosoma brucei gambiense</i> sleeping sickness diagnosis outside Africa. <i>Lancet Infectious Diseases</i> , The, 2003, 3, 804-808.	4.6	54
47	Evaluation of the micro-CATT, CATT/ <i>Trypanosoma brucei gambiense</i> , and LATEX/T b gambiense methods for serodiagnosis and surveillance of human African trypanosomiasis in West and Central Africa. <i>Bulletin of the World Health Organization</i> , 2002, 80, 882-6.	1.5	54
48	Trypanosomosis in Goats. <i>Annals of the New York Academy of Sciences</i> , 2006, 1081, 300-310.	1.8	53
49	IgM quantification in the cerebrospinal fluid of sleeping sickness patients by a latex card agglutination test. <i>Tropical Medicine and International Health</i> , 2002, 7, 685-692.	1.0	52
50	Molecular diagnostics for sleeping sickness: what is the benefit for the patient?. <i>Lancet Infectious Diseases</i> , The, 2010, 10, 433-439.	4.6	52
51	New biomarkers for stage determination in <i>Trypanosoma brucei rhodesiense</i> sleeping sickness patients. <i>Clinical and Translational Medicine</i> , 2013, 2, 1.	1.7	52
52	Human and rodent interferon-Î³ as a growth factor for <i>Trypanosoma brucei</i> . <i>European Journal of Immunology</i> , 1996, 26, 1359-1364.	1.6	51
53	New <i>Trypanosoma evansi</i> Type B Isolates from Ethiopian Dromedary Camels. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004556.	1.3	51
54	Improved latex agglutination test for detection of antibodies in serum and cerebrospinal fluid of <i>Trypanosoma brucei gambiense</i> infected patients. <i>Acta Tropica</i> , 1999, 73, 11-20.	0.9	49

#	ARTICLE	IF	CITATIONS
55	Human African trypanosomiasis: a review of non-endemic cases in the past 20 years. <i>International Journal of Infectious Diseases</i> , 2011, 15, e517-e524.	1.5	48
56	Stage determination and therapeutic decision in human African trypanosomiasis: value of polymerase chain reaction and immunoglobulin M quantification on the cerebrospinal fluid of sleeping sickness patients in Cote d'Ivoire. <i>Tropical Medicine and International Health</i> , 2003, 8, 589-594.	1.0	47
57	Rapid diagnostic tests for neurological infections in central Africa. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 546-558.	4.6	47
58	Universal PCR assays for the differential detection of all Old World <i>Leishmania</i> species. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2011, 30, 209-218.	1.3	46
59	Comparison of different DNA preparation protocols for PCR diagnosis of Human African Trypanosomiasis in CÔte d'Ivoire. <i>Acta Tropica</i> , 2002, 82, 349-356.	0.9	45
60	Equine trypanosomosis: enigmas and diagnostic challenges. <i>Parasites and Vectors</i> , 2019, 12, 234.	1.0	45
61	How does <i>Trypanosoma equiperdum</i> fit into the Trypanozoon group? A cluster analysis by RAPD and Multiplex-endonuclease genotyping approach. <i>Parasitology</i> , 2003, 126, 425-431.	0.7	44
62	Parasitological, serological and molecular survey of <i>Trypanosoma evansi</i> infection in dromedary camels from Cholistan Desert, Pakistan. <i>Parasites and Vectors</i> , 2015, 8, 415.	1.0	44
63	Prevalence of Human African Trypanosomiasis in the Democratic Republic of the Congo. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1246.	1.3	44
64	Cation-exchange properties and adaptation to soil acidity in bryophytes. <i>New Phytologist</i> , 1990, 115, 177-186.	3.5	42
65	A semi-quantitative ELISA for detection of <i>Trypanosoma brucei gambiense</i> specific antibodies in serum and cerebrospinal fluid of sleeping sickness patients. <i>Acta Tropica</i> , 1998, 69, 151-164.	0.9	42
66	Ghibe river basin in Ethiopia: Present situation of trypanocidal drug resistance in <i>Trypanosoma congolense</i> using tests in mice and PCR-RFLP. <i>Veterinary Parasitology</i> , 2012, 189, 197-203.	0.7	41
67	Cerebrospinal Fluid Neopterin as Marker of the Meningo-Encephalitic Stage of <i>Trypanosoma brucei gambiense</i> Sleeping Sickness. <i>PLoS ONE</i> , 2012, 7, e40909.	1.1	41
68	Direct Detection and Identification of African Trypanosomes by Fluorescence In Situ Hybridization with Peptide Nucleic Acid Probes. <i>Journal of Clinical Microbiology</i> , 2002, 40, 4295-4297.	1.8	40
69	Novel Markers for Treatment Outcome in Late-Stage <i>Trypanosoma brucei gambiense</i> Trypanosomiasis. <i>Clinical Infectious Diseases</i> , 2008, 47, 15-22.	2.9	39
70	Identification of Stage Biomarkers for Human African Trypanosomiasis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 82, 983-990.	0.6	38
71	A novel unipolar charger for ultrafine aerosol particles with minimal particle losses. <i>Journal of Aerosol Science</i> , 1994, 25, 639-649.	1.8	36
72	Diagnostic Accuracy of Molecular Amplification Tests for Human African Trypanosomiasisâ€”Systematic Review. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1438.	1.3	36

#	ARTICLE	IF	CITATIONS
73	Diagnostic Accuracy of Loopamp Trypanosoma brucei Detection Kit for Diagnosis of Human African Trypanosomiasis in Clinical Samples. PLoS Neglected Tropical Diseases, 2013, 7, e2504.	1.3	36
74	Evaluation of whole fresh blood and dried blood on filter paper discs in serological tests for Trypanosoma evansi in experimentally infected water buffaloes. Acta Tropica, 2002, 81, 159-165.	0.9	34
75	Recombinant RoTat 1.2 variable surface glycoprotein as antigen for diagnosis of Trypanosoma evansi in dromedary camels. International Journal for Parasitology, 2005, 35, 455-460.	1.3	34
76	Presence of <i>Trypanosoma theileri</i> in Spanish Cattle. Annals of the New York Academy of Sciences, 2008, 1149, 352-354.	1.8	34
77	Implications of asymptomatic infection for the natural history of selected parasitic tropical diseases. Seminars in Immunopathology, 2020, 42, 231-246.	2.8	34
78	True versus Apparent Malaria Infection Prevalence: The Contribution of a Bayesian Approach. PLoS ONE, 2011, 6, e16705.	1.1	33
79	Widespread occurrence of Trypanosoma vivax in bovines of tsetse- as well as non-tsetse-infested regions of Ethiopia: A reason for concern?. Veterinary Parasitology, 2012, 190, 355-361.	0.7	33
80	Melarsoprol Sensitivity Profile of Trypanosoma brucei gambiense Isolates from Cured and Relapsed Sleeping Sickness Patients from the Democratic Republic of the Congo. PLoS Neglected Tropical Diseases, 2014, 8, e3212.	1.3	33
81	How can molecular diagnostics contribute to the elimination of human African trypanosomiasis?. Expert Review of Molecular Diagnostics, 2015, 15, 607-615.	1.5	33
82	Genome-Wide SNP Analysis Reveals Distinct Origins of Trypanosoma evansi and Trypanosoma equiperdum. Genome Biology and Evolution, 2017, 9, 1990-1997.	1.1	33
83	Trypanosome infection in dromedary camels in Eastern Ethiopia: Prevalence, relative performance of diagnostic tools and host related risk factors. Veterinary Parasitology, 2015, 211, 175-181.	0.7	32
84	Performance of Parasitological and Molecular Techniques for the Diagnosis and Surveillance of Gambiense Sleeping Sickness. PLoS Neglected Tropical Diseases, 2014, 8, e2954.	1.3	31
85	Evaluation of LATEX/T.b.gambiense for mass screening of Trypanosoma brucei gambiense sleeping sickness in Central Africa. Acta Tropica, 2003, 85, 31-37.	0.9	30
86	Diagnostic Accuracy of the Leishmania OligoC-TesT and NASBA-Oligochromatography for Diagnosis of Leishmaniasis in Sudan. PLoS Neglected Tropical Diseases, 2010, 4, e776.	1.3	30
87	Towards a New Reference Test for Surra in Camels. Vaccine Journal, 2009, 16, 999-1002.	3.2	28
88	Recent progress in molecular diagnosis of sleeping sickness. Expert Review of Molecular Diagnostics, 2012, 12, 719-730.	1.5	28
89	Comparison of serological tests for equine trypanosomosis in naturally infected horses from Kazakhstan. Veterinary Parasitology, 2005, 131, 221-225.	0.7	27
90	Heterologous expression, purification and characterisation of the extracellular domain of trypanosome invariant surface glycoprotein ISG75. Journal of Biotechnology, 2008, 135, 247-254.	1.9	27

#	ARTICLE	IF	CITATIONS
91	APOLs with low pH dependence can kill all African trypanosomes. <i>Nature Microbiology</i> , 2017, 2, 1500-1506.	5.9	27
92	Neuro-inflammatory risk factors for treatment failure in "early second stage" sleeping sickness patients treated with Pentamidine. <i>Journal of Neuroimmunology</i> , 2003, 144, 132-138.	1.1	26
93	Host-Parasite Interactions in Trypanosomiasis: on the Way to an Antidisease Strategy. <i>Infection and Immunity</i> , 2009, 77, 1276-1284.	1.0	26
94	Canine <i>Trypanosoma evansi</i> infection introduced into Germany. <i>Veterinary Clinical Pathology</i> , 2012, 41, 369-374.	0.3	26
95	<i>Trypanosoma vivax</i> GM6 Antigen: A Candidate Antigen for Diagnosis of African Animal Trypanosomosis in Cattle. <i>PLoS ONE</i> , 2013, 8, e78565.	1.1	26
96	Neopterin Is a Cerebrospinal Fluid Marker for Treatment Outcome Evaluation in Patients Affected by <i>Trypanosoma brucei gambiense</i> Sleeping Sickness. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2088.	1.3	25
97	Detection of trypanosome-specific antibodies in saliva, towards non-invasive serological diagnosis of sleeping sickness. <i>Tropical Medicine and International Health</i> , 2006, 11, 620-627.	1.0	24
98	Cost-effectiveness of Algorithms for Confirmation Test of Human African Trypanosomiasis. <i>Emerging Infectious Diseases</i> , 2007, 13, 1484-1490.	2.0	24
99	Identification of Old World <i>Leishmania</i> spp. by specific polymerase chain reaction amplification of cysteine proteinase B genes and rapid dipstick detection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009, 63, 173-181.	0.8	24
100	Gambiense Human African Trypanosomiasis and Immunological Memory: Effect on Phenotypic Lymphocyte Profiles and Humoral Immunity. <i>PLoS Pathogens</i> , 2014, 10, e1003947.	2.1	24
101	Global distribution, host range and prevalence of <i>Trypanosoma vivax</i> : a systematic review and meta-analysis. <i>Parasites and Vectors</i> , 2021, 14, 80.	1.0	24
102	Establishment of a panel of reference <i>Trypanosoma evansi</i> and <i>Trypanosoma equiperdum</i> strains for drug screening. <i>Veterinary Parasitology</i> , 2007, 148, 114-121.	0.7	23
103	<i>T. cruzi</i> OligoC-TesT: A Simplified and Standardized Polymerase Chain Reaction Format for Diagnosis of Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e450.	1.3	23
104	Stage determination in sleeping sickness: comparison of two cell counting and two parasite detection techniques. <i>Tropical Medicine and International Health</i> , 2013, 18, 778-782.	1.0	23
105	Control of parasitemia and survival during <i>Trypanosoma brucei brucei</i> infection is related to strain-dependent ability to produce IL-4. <i>Journal of Immunology</i> , 1996, 157, 3518-26.	0.4	23
106	<i>Leishmania</i> OligoC-TesT as a Simple, Rapid, and Standardized Tool for Molecular Diagnosis of Cutaneous Leishmaniasis in Peru. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2560-2563.	1.8	22
107	Isolation of <i>Trypanosoma brucei gambiense</i> from Cured and Relapsed Sleeping Sickness Patients and Adaptation to Laboratory Mice. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1025.	1.3	22
108	Epidemiological investigations on <i>Trypanosoma evansi</i> infection in dromedary camels in the South of Algeria. <i>Heliyon</i> , 2019, 5, e02086.	1.4	22

#	ARTICLE	IF	CITATIONS
109	Comparative in vitro isolation of <i>Trypanosoma theileri</i> from cattle in Belgium. <i>Veterinary Parasitology</i> , 2000, 89, 129-132.	0.7	21
110	Pathology of Tnf-deficient mice infected with <i>Plasmodium chabaudi adami</i> 408XZ. <i>Experimental Parasitology</i> , 2006, 114, 271-278.	0.5	21
111	Phase II Evaluation of Sensitivity and Specificity of PCR and NASBA Followed by Oligochromatography for Diagnosis of Human African Trypanosomiasis in Clinical Samples from D.R. Congo and Uganda. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e737.	1.3	21
112	Recombinant expression of trypanosome surface glycoproteins in <i>Pichia pastoris</i> for the diagnosis of <i>Trypanosoma evansi</i> infection. <i>Veterinary Parasitology</i> , 2013, 197, 571-579.	0.7	21
113	A CATT Negative Result after Treatment for Human African Trypanosomiasis Is No Indication for Cure. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e590.	1.3	20
114	Systematic review on antigens for serodiagnosis of visceral leishmaniasis, with a focus on East Africa. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007658.	1.3	20
115	Preliminary evaluation of LATEX/ <i>T. b. gambiense</i> and alternative versions of CATT/ <i>T. b. gambiense</i> for the serodiagnosis of Human African Trypanosomiasis of a population at risk in CÔte d'Ivoire: considerations for mass-screening. <i>Acta Tropica</i> , 2000, 76, 175-183.	0.9	19
116	Accordance and concordance of PCR and NASBA followed by oligochromatography for the molecular diagnosis of <i>Trypanosoma brucei</i> and <i>Leishmania</i> . <i>Tropical Medicine and International Health</i> , 2010, 15, 800-805.	1.0	19
117	Identification of Mimotopes with Diagnostic Potential for <i>Trypanosoma brucei gambiense</i> Variant Surface Glycoproteins Using Human Antibody Fractions. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1682.	1.3	19
118	Immune trypanolysis test with blood spotted on filter paper for epidemiological surveillance of sleeping sickness. <i>Tropical Medicine and International Health</i> , 2014, 19, 828-831.	1.0	19
119	Field evaluation of the CATT/ <i>Trypanosoma brucei gambiense</i> on blood-impregnated filter papers for diagnosis of human African trypanosomiasis in southern Sudan. <i>Tropical Medicine and International Health</i> , 2002, 7, 942-948.	1.0	18
120	Evaluation of the card agglutination test (CATT/ <i>T. evansi</i>) for detection of <i>Trypanosoma evansi</i> infection in water buffaloes (<i>Bubalus bubalis</i>) in Egypt. <i>Veterinary Parasitology</i> , 2004, 121, 45-51.	0.7	18
121	Serological and parasitological survey of dourine in the Arsi Bale highlands of Ethiopia. <i>Tropical Animal Health and Production</i> , 2010, 42, 769-776.	0.5	18
122	Diagnostic Accuracy and Feasibility of Serological Tests on Filter Paper Samples for Outbreak Detection of <i>T.b. gambiense</i> Human African Trypanosomiasis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 374-379.	0.6	18
123	Apolipoprotein L1 Variant Associated with Increased Susceptibility to Trypanosome Infection. <i>MBio</i> , 2016, 7, e02198-15.	1.8	18
124	Detection of light subunit neurofilament and glial fibrillary acidic protein in cerebrospinal fluid of <i>Trypanosoma brucei gambiense</i> -infected patients.. <i>American Journal of Tropical Medicine and Hygiene</i> , 1999, 60, 94-98.	0.6	18
125	A Proline Racemase Based PCR for Identification of <i>Trypanosoma vivax</i> in Cattle Blood. <i>PLoS ONE</i> , 2014, 9, e84819.	1.1	17
126	A Panel of <i>Trypanosoma brucei</i> Strains Tagged with Blue and Red-Shifted Luciferases for Bioluminescent Imaging in Murine Infection Models. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3054.	1.3	17

#	ARTICLE	IF	CITATIONS
127	Performance of enzyme-linked immunosorbent assays for detection of antibodies against <i>T. congolense</i> and <i>T. vivax</i> in goats. <i>Veterinary Parasitology</i> , 2003, 116, 87-95.	0.7	16
128	Short communication: Towards saliva-based screening for sleeping sickness?. <i>Tropical Medicine and International Health</i> , 2003, 8, 585-588.	1.0	16
129	Use of the Miniature Anion Exchange Centrifugation Technique to Isolate <i>Trypanosoma evansi</i> from Goats. <i>Annals of the New York Academy of Sciences</i> , 2004, 1026, 149-151.	1.8	16
130	Sensitive detection of nucleic acids by PNA hybridization directed co-localization of fluorescent beads. <i>Artificial DNA, PNA & XNA</i> , 2011, 2, 60-66.	1.4	16
131	First Draft Genome Sequence of the Dourine Causative Agent: <i>Trypanosoma Equiperdum</i> Strain OVI. <i>Journal of Genomics</i> , 2017, 5, 1-3.	0.6	16
132	The separation of trypanosomes from blood by anion exchange chromatography: From Sheila Lanham's discovery 50 years ago to a gold standard for sleeping sickness diagnosis. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007051.	1.3	16
133	Different trypanozoan species possess CD8 dependent lymphocyte triggering factor-like activity. <i>Immunology Letters</i> , 1996, 50, 71-80.	1.1	15
134	Susceptibility of <i>N. Dama</i> cattle to experimental challenge and cross-species superchallenges with bloodstream forms of <i>Trypanosoma congolense</i> and <i>T. Vivax</i> . <i>Veterinary Parasitology</i> , 1999, 86, 83-94.	0.7	15
135	Treatment Failure Related to Intrathecal Immunoglobulin M (IgM) Synthesis, Cerebrospinal Fluid IgM, and Interleukin-10 in Patients with Hemolymphatic-Stage Sleeping Sickness. <i>Vaccine Journal</i> , 2007, 14, 732-737.	3.2	15
136	Expression of <i>Trypanosoma brucei gambiense</i> Antigens in <i>Leishmania tarentolae</i> . Potential for Use in Rapid Serodiagnostic Tests (RDTs). <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004271.	1.3	15
137	Isometamidium chloride and homidium chloride fail to cure mice infected with Ethiopian <i>Trypanosoma evansi</i> type A and B. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006790.	1.3	15
138	Identification of Peptide Mimotopes of <i>Trypanosoma brucei gambiense</i> Variant Surface Glycoproteins. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1189.	1.3	15
139	<i>Trypanosoma brucei</i> genomics and the challenge of identifying drug and vaccine targets. <i>Trends in Microbiology</i> , 2003, 11, 322-329.	3.5	14
140	Susceptibility of <i>Grammomys surdaster thicket</i> rats to <i>Trypanosoma brucei gambiense</i> infection. <i>Tropical Medicine and International Health</i> , 2005, 10, 850-855.	1.0	14
141	The invariant surface glycoprotein ISG75 gene family consists of two main groups in the Trypanozoon subgenus. <i>Parasitology</i> , 2006, 133, 613.	0.7	14
142	Canine <i>Trypanosoma evansi</i> infection in Afghanistan. <i>Veterinary Parasitology</i> , 2013, 197, 638-641.	0.7	14
143	The <i>Trypanosoma cruzi</i> Satellite DNA OligoC-TesT and <i>Trypanosoma cruzi</i> Kinetoplast DNA OligoC-TesT for Diagnosis of Chagas Disease: A Multi-cohort Comparative Evaluation Study. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2633.	1.3	14
144	Development and evaluation of an ITS1 "Touchdown" PCR for assessment of drug efficacy against animal African trypanosomosis. <i>Veterinary Parasitology</i> , 2014, 202, 164-170.	0.7	14

#	ARTICLE	IF	CITATIONS
145	Trypanosoma brucei gambiense-iELISA: A Promising New Test for the Post-Elimination Monitoring of Human African Trypanosomiasis. <i>Clinical Infectious Diseases</i> , 2020, 73, e2477-e2483.	2.9	14
146	Diagnosis of Persistent Fever in the Tropics: Set of Standard Operating Procedures Used in the NIDIAG Febrile Syndrome Study. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004749.	1.3	14
147	Human African trypanosomiasis: a latex agglutination field test for quantifying IgM in cerebrospinal fluid. <i>Bulletin of the World Health Organization</i> , 1998, 76, 553-8.	1.5	14
148	Multiplex-endonuclease genotyping approach (mega): a tool for the fine-scale detection of unlinked polymorphic DNA markers. <i>Chromosoma</i> , 2003, 111, 518-524.	1.0	13
149	Comparison of operational criteria for treatment outcome in <i>gambiense</i> human African trypanosomiasis. <i>Tropical Medicine and International Health</i> , 2009, 14, 438-444.	1.0	13
150	Trypanosoma brucei gambiense: HMI-9 medium containing methylcellulose and human serum supports the continuous axenic in vitro propagation of the bloodstream form. <i>Experimental Parasitology</i> , 2011, 128, 285-290.	0.5	13
151	Analytical sensitivity of loopamp and quantitative real-time PCR on dried blood spots and their potential role in monitoring human African trypanosomiasis elimination. <i>Experimental Parasitology</i> , 2020, 219, 108014.	0.5	13
152	Studies on the possible role of cation exchange capacity in the soil preference of mosses. <i>Plant and Soil</i> , 1983, 70, 77-93.	1.8	12
153	Charting methods to monitor the operational performance of ELISA method for the detection of antibodies against trypanosomes. <i>Veterinary Parasitology</i> , 2001, 96, 11-50.	0.7	12
154	Evaluation of an EDTA version of CATT/Trypanosoma bruceigambiense for serological screening of human blood samples. <i>Acta Tropica</i> , 2002, 81, 7-12.	0.9	12
155	Expression of RoTat 1.2 Cross-reactive Variable Antigen Type in <i>Trypanosoma evansi</i> and <i>T. equiperdum</i> . <i>Annals of the New York Academy of Sciences</i> , 2002, 969, 174-179.	1.8	12
156	The expression of RoTat 1.2 variable surface glycoprotein (VSG) in <i>Trypanosoma evansi</i> and <i>T. equiperdum</i> . <i>Veterinary Parasitology</i> , 2003, 116, 209-216.	0.7	12
157	Detection of African animal trypanosomes: The haematocrit centrifugation technique compared to PCR with samples stored on filter paper or in DNA protecting buffer. <i>Veterinary Parasitology</i> , 2014, 203, 253-258.	0.7	12
158	Surra Sero K-SeT, a new immunochromatographic test for serodiagnosis of <i>Trypanosoma evansi</i> infection in domestic animals. <i>Veterinary Parasitology</i> , 2015, 211, 153-157.	0.7	12
159	Evaluation of Antigens for Development of a Serological Test for Human African Trypanosomiasis. <i>PLoS ONE</i> , 2016, 11, e0168074.	1.1	12
160	Phylogenetic analysis of the <i>Trypanosoma</i> genus based on the heat-shock protein 70 gene. <i>Infection, Genetics and Evolution</i> , 2016, 43, 165-172.	1.0	12
161	Whole genome sequencing shows sleeping sickness relapse is due to parasite regrowth and not reinfection. <i>Evolutionary Applications</i> , 2016, 9, 381-393.	1.5	12
162	Killing of Trypanozoon Parasites by the Equine Cathelicidin eCATH1. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2610-2619.	1.4	12

#	ARTICLE	IF	CITATIONS
163	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
164	Passive surveillance of human African trypanosomiasis in CÔte d'Ivoire: Understanding prevalence, clinical symptoms and signs, and diagnostic test characteristics. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009656.	1.3	12
165	Human African trypanosomiasis: quantitative and qualitative assessment of intrathecal immune response. <i>European Journal of Neurology</i> , 2003, 10, 711-719.	1.7	11
166	Mineralization and mechanical properties of the canine mandible distraction wound following acute molding. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2006, 35, 822-827.	0.7	11
167	Immune trypanolysis test as a promising bioassay to monitor the elimination of gambiense human African trypanosomiasis. <i>Parasite</i> , 2019, 26, 68.	0.8	11
168	Ribosomal DNA analysis of tsetse and non-tsetse transmitted Ethiopian <i>Trypanosoma vivax</i> strains in view of improved molecular diagnosis. <i>Veterinary Parasitology</i> , 2016, 220, 15-22.	0.7	10
169	Case of Nigeria-Acquired Human African Trypanosomiasis in United Kingdom, 2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 1225-1227.	2.0	10
170	Expression of a rK39 homologue from an Iranian <i>Leishmania infantum</i> isolate in <i>Leishmania tarentolae</i> for serodiagnosis of visceral leishmaniasis. <i>Parasites and Vectors</i> , 2019, 12, 593.	1.0	10
171	Acidiphily in pteridophytes: Assessment of the role of root cation exchange properties. <i>Journal of Plant Nutrition</i> , 1992, 15, 2605-2619.	0.9	9
172	A <i>Trypanosoma brucei</i> variant surface glycoprotein-derived peptide with diagnostic potential for <i>Trypanosoma brucei gambiense</i> . <i>Tropical Medicine and International Health</i> , 2013, 18, 461-465.	1.0	9
173	Validation of a new experimental model for assessing drug efficacy against infection with <i>Trypanosoma equiperdum</i> in horses. <i>Veterinary Parasitology</i> , 2018, 263, 27-33.	0.7	9
174	Comparison of serological and molecular tests for detection of <i>Trypanosoma evansi</i> in domestic animals from Ghardaïa district, South Algeria. <i>Veterinary Parasitology</i> , 2020, 280, 109089.	0.7	9
175	Diagnosis of African Trypanosomiasis. , 2014, , 189-216.		9
176	Cross-reactivity of anti-galactocerebroside autoantibodies with a <i>Trypanosoma brucei</i> proteolipidic epitope. <i>Clinical and Experimental Immunology</i> , 2000, 119, 516-522.	1.1	8
177	<i>Trypanosoma vivax</i> : a simplified protocol for <i>in vivo</i> growth, isolation and cryopreservation. <i>Parasite</i> , 2004, 11, 103-106.	0.8	8
178	Performance of Serological Tests for <i>Trypanosoma evansi</i> in Experimentally Inoculated Goats. <i>Annals of the New York Academy of Sciences</i> , 2004, 1026, 152-153.	1.8	8
179	Validation of a PCR-Oligochromatography Test for Detection of Trypanozoon Parasites in a Multicenter Collaborative Trial. <i>Journal of Clinical Microbiology</i> , 2007, 45, 3785-3787.	1.8	8
180	Flow cytometry-based methods for assessing soluble scFv activities and detecting antigens in solution. <i>Biotechnology and Bioengineering</i> , 2010, 105, 973-981.	1.7	8

#	ARTICLE	IF	CITATIONS
181	Luminescent multiplex viability assay for <i>Trypanosoma brucei gambiense</i> . <i>Parasites and Vectors</i> , 2013, 6, 207.	1.0	8
182	Increased acute immune response during the meningo-encephalitic stage of <i>Trypanosoma brucei rhodesiense</i> sleeping sickness compared to <i>Trypanosoma brucei gambiense</i> . <i>Translational Proteomics</i> , 2015, 6, 1-9.	1.2	8
183	<i>Grammomys surdaster</i> , the Natural Host for <i>Plasmodium berghei</i> Parasites, as a Model to Study Whole-Organism Vaccines against Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 16-0745.	0.6	8
184	Melarsomine hydrochloride (Cymelarsan®) fails to cure horses with <i>Trypanosoma equiperdum</i> OVI parasites in their cerebrospinal fluid. <i>Veterinary Parasitology</i> , 2018, 264, 47-51.	0.7	8
185	Innovative digital technologies for quality assurance of diagnosis of human African trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006664.	1.3	8
186	Population genetic structure and cladistic analysis of <i>Trypanosoma brucei</i> isolates. <i>Infection, Genetics and Evolution</i> , 2003, 3, 165-174.	1.0	7
187	Inter-laboratory ring trials to evaluate serological methods for dourine diagnosis. <i>Veterinary Parasitology</i> , 2014, 205, 70-76.	0.7	7
188	Feasibility of a dried blood spot strategy for serological screening and surveillance to monitor elimination of Human African Trypanosomiasis in the Democratic Republic of the Congo. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009407.	1.3	7
189	Diagnosis of human African trypanosomiasis.. , 2004, , 203-218.		7
190	The Unknown Nature of the Antigen in the Direct Agglutination Test for Visceral Leishmaniasis Hampers Development of Serodiagnostic Tests. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 246-255.	0.6	7
191	Biological data and clinical symptoms as predictors of astrogliosis and neurodegeneration in patients with second-stage <i>Trypanosoma brucei gambiense</i> sleeping sickness.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2001, 65, 931-935.	0.6	7
192	Single nucleotide polymorphisms and copy-number variations in the <i>Trypanosoma brucei</i> repeat (TBR) sequence can be used to enhance amplification and genotyping of Trypanozoon strains. <i>PLoS ONE</i> , 2021, 16, e0258711.	1.1	7
193	Development of a bio-inkjet printed LAMP test kit for detecting human African trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008753.	1.3	7
194	Specificity of SARS-CoV-2 Antibody Detection Assays against S and N Proteins among Pre-COVID-19 Sera from Patients with Protozoan and Helminth Parasitic Infections. <i>Journal of Clinical Microbiology</i> , 2022, 60, JCM0171721.	1.8	7
195	Stage determination and follow-up in sleeping sickness. <i>MÃ©decine Tropicale: Revue Du Corps De SantÃ© Colonial</i> , 2001, 61, 355-60.	0.5	7
196	Recombinant Antigens Expressed in <i>Pichia pastoris</i> for the Diagnosis of Sleeping Sickness Caused by <i>Trypanosoma brucei gambiense</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3006.	1.3	6
197	Development of a latex agglutination test with recombinant variant surface glycoprotein for serodiagnosis of surra. <i>Veterinary Parasitology</i> , 2014, 205, 460-465.	0.7	6
198	Recombinant and native Tvi CATL from <i>Trypanosoma vivax</i> : Enzymatic characterisation and evaluation as a diagnostic target for animal African trypanosomiasis. <i>Molecular and Biochemical Parasitology</i> , 2018, 223, 50-54.	0.5	6

#	ARTICLE	IF	CITATIONS
199	Cerebrospinal Fluid-Derived Microvesicles From Sleeping Sickness Patients Alter Protein Expression in Human Astrocytes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 391.	1.8	6
200	The complex health seeking pathway of a human African trypanosomiasis patient in CÔte d'Ivoire underlines the need of setting up passive surveillance systems. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008588.	1.3	6
201	Trypanosome SL-RNA detection in blood and cerebrospinal fluid to demonstrate active gambiense human African trypanosomiasis infection. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009739.	1.3	6
202	Soil preference of populations of genotypes of <i>Asplenium trichomanes</i> L. and <i>Polypodium vulgare</i> L. in Belgium as related to cation exchange capacity. <i>Plant and Soil</i> , 1983, 72, 275-282.	1.8	5
203	A new concept for a unipolar diffusion charger. <i>Journal of Aerosol Science</i> , 1990, 21, S567-S570.	1.8	5
204	Identification of a tryptophan-like epitope borne by the variable surface glycoprotein (VSG) of African trypanosomes. <i>Experimental Parasitology</i> , 2007, 115, 173-180.	0.5	5
205	Evaluation of serodiagnostic tests for T.b. gambiense human African trypanosomiasis in southern Sudan. <i>Eastern Mediterranean Health Journal</i> , 2007, 13, 1098-1107.	0.3	5
206	An experimental latex agglutination test for antibody detection in human African trypanosomiasis. <i>Annales De La Soci�t� Belge De M�decine Tropicale</i> , 1991, 71, 267-73.	0.1	5
207	Efficiency of unipolar diffusion charging of ultrafine aerosol as function of the nt-product. <i>Journal of Aerosol Science</i> , 1991, 22, S235.	1.8	4
208	Population genetics of <i>Trypanosoma brucei gambiense</i> in sleeping sickness patients with treatment failures in the focus of Mbuji-Mayi, Democratic Republic of the Congo. <i>Infection, Genetics and Evolution</i> , 2015, 30, 128-133.	1.0	4
209	Monitoring the elimination of <i>T. gambiense</i> human African trypanosomiasis in the historical focus of Bati, South-West Burkina Faso. <i>Parasite</i> , 2022, 29, 25.	0.8	4
210	Response to Li et al. and Shaw: Return of the ring - opportunities to challenge a hypothesis. <i>Trends in Parasitology</i> , 2006, 22, 58-59.	1.5	3
211	Diagnosis of Human and Animal African Trypanosomiasis. , 2002, , 51-63.		2
212	Nucleic acid lateral flow tests for molecular diagnosis: an update. <i>Expert Opinion on Medical Diagnostics</i> , 2011, 5, 85-89.	1.6	2
213	Short Communication Characterization of <i>Trypanosoma brucei gambiense</i> variant surface glycoprotein LiTat 1.5. <i>Genetics and Molecular Research</i> , 2012, 11, 1260-1265.	0.3	2
214	A veterinarian with fever, rash and chancre after holidays in Uganda. <i>Journal of Travel Medicine</i> , 2018, 25, .	1.4	2
215	Soil preference of populations of genotypes of <i>Asplenium trichomanes</i> L. and <i>Polypodium vulgare</i> L. in Belgium as related to cation exchange capacity. , 1983, , 209-216.		2
216	Assessment of <i>Trypanosoma evansi</i> prevalence and associated risk factors by immune trypanolysis test in camels from Gharda�a district, southern Algeria. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2020, 22, 100460.	0.3	2

#	ARTICLE	IF	CITATIONS
217	In situ chemical classification of atmospheric aerosol particles. <i>Journal of Aerosol Science</i> , 1991, 22, S307.	1.8	1
218	Serological evidence of equine infectious anaemia, West Nile fever, surra and equine piroplasmiasis in a herd of horses in northern Argentina. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2021, 24, 100566.	0.3	1
219	Two-Year Follow-Up of <i>Trypanosoma brucei gambiense</i> Serology after Successful Treatment of Human African Trypanosomiasis: Results of Four Different Sero-Diagnostic Tests. <i>Diagnostics</i> , 2022, 12, 246.	1.3	1
220	Short Ecotypic Characterization of <i>Polypodium vulgare</i> -Subspecies. <i>American Fern Journal</i> , 1992, 82, 87.	0.2	0
221	Fast, simple, and low-cost test for drug-resistant pathogens. <i>Lancet</i> , The, 2005, 366, 437-438.	6.3	0
222	On the delimitation of the Mesobromion and Xerobromion in Belgium and French Lorraine. , 1989, , 137-144.		0