

# Gert Van der Auwera

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

3,700  
citations

236925

25  
h-index

161849

54  
g-index

58  
all docs

58  
docs citations

58  
times ranked

4532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional Shift and Metabolic Adaptations during Leishmania Quiescence Using Stationary Phase and Drug Pressure as Models. <i>Microorganisms</i> , 2022, 10, 97.	3.6	7
2	Treatment outcome of imported cutaneous leishmaniasis among travelers and migrants infected with <i>Leishmania major</i> and <i>Leishmania tropica</i> : a retrospective study in European centers 2013 to 2019. <i>International Journal of Infectious Diseases</i> , 2022, 122, 375-381.	3.3	1
3	Clinical diversity and treatment results in Tegumentary Leishmaniasis: A European clinical report in 459 patients. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009863.	3.0	12
4	Epidemiology, clinical pattern and impact of species-specific molecular diagnosis on management of leishmaniasis in Belgium, 2010–2018: A retrospective study. <i>Travel Medicine and Infectious Disease</i> , 2020, 38, 101885.	3.0	13
5	Evaluation of whole genome amplification and bioinformatic methods for the characterization of <i>Leishmania</i> genomes at a single cell level. <i>Scientific Reports</i> , 2020, 10, 15043.	3.3	20
6	Next-Generation Molecular Surveillance of TriTryp Diseases. <i>Trends in Parasitology</i> , 2020, 36, 356-367.	3.3	10
7	Ecology and seasonality of sandflies and potential reservoirs of cutaneous leishmaniasis in Ochollo, a hotspot in southern Ethiopia. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007667.	3.0	21
8	ISC1, a new <i>Leishmania donovani</i> population emerging in the Indian sub-continent: Vector competence of <i>Phlebotomus argentipes</i> . <i>Infection, Genetics and Evolution</i> , 2019, 76, 104073.	2.3	6
9	Longitudinal evaluation of asymptomatic <i>Leishmania</i> infection in HIV-infected individuals in North-West Ethiopia: A pilot study. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007765.	3.0	19
10	Genomes of <i>Leishmania</i> parasites directly sequenced from patients with visceral leishmaniasis in the Indian subcontinent. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007900.	3.0	48
11	Integrated genomic and metabolomic profiling of ISC1, an emerging <i>Leishmania donovani</i> population in the Indian subcontinent. <i>Infection, Genetics and Evolution</i> , 2018, 62, 170-178.	2.3	32
12	Epidemiology of Leishmaniasis in the Time of Drug Resistance (the Miltefosine Era). , 2018, , 85-107.		3
13	Tegumentary leishmaniasis and coinfections other than HIV. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006125.	3.0	33
14	Detection and identification of <i>Leishmania</i> spp.: application of two hsp70-based PCR-RFLP protocols to clinical samples from the New World. <i>Parasitology Research</i> , 2017, 116, 1843-1848.	1.6	26
15	Macromolecular biosynthetic parameters and metabolic profile in different life stages of <i>Leishmania braziliensis</i> : Amastigotes as a functionally less active stage. <i>PLoS ONE</i> , 2017, 12, e0180532.	2.5	35
16	Drug resistance and treatment failure in leishmaniasis: A 21st century challenge. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006052.	3.0	571
17	Single locus genotyping to track <i>Leishmania donovani</i> in the Indian subcontinent: Application in Nepal. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005420.	3.0	19
18	Species- and Strain-Specific Adaptation of the HSP70 Super Family in Pathogenic Trypanosomatids. <i>Genome Biology and Evolution</i> , 2016, 8, 1980-1995.	2.5	20

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19	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.	2.3	12
20	Apolipoprotein L1 Variant Associated with Increased Susceptibility to Trypanosome Infection. <i>MBio</i> , 2016, 7, e02198-15.	4.1	18
21	Alice in microbes' land: adaptations and counter-adaptations of vector-borne parasitic protozoa and their hosts. <i>FEMS Microbiology Reviews</i> , 2016, 40, 664-685.	8.6	24
22	Association of the Endobiont Double-Stranded RNA Virus LRV1 With Treatment Failure for Human Leishmaniasis Caused by <i>Leishmania braziliensis</i> in Peru and Bolivia. <i>Journal of Infectious Diseases</i> , 2016, 213, 112-121.	4.0	114
23	Evolutionary genomics of epidemic visceral leishmaniasis in the Indian subcontinent. <i>ELife</i> , 2016, 5, .	6.0	147
24	Quantification of <i>Leishmania</i> (Viannia) Kinetoplast DNA in Ulcers of Cutaneous Leishmaniasis Reveals Inter-site and Inter-sampling Variability in Parasite Load. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003936.	3.0	34
25	Comparative Fitness of a Parent <i>Leishmania donovani</i> Clinical Isolate and Its Experimentally Derived Paromomycin-Resistant Strain. <i>PLoS ONE</i> , 2015, 10, e0140139.	2.5	21
26	Experimental Resistance to Drug Combinations in <i>Leishmania donovani</i> : Metabolic and Phenotypic Adaptations. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2242-2255.	3.2	47
27	Species Typing in Dermal Leishmaniasis. <i>Clinical Microbiology Reviews</i> , 2015, 28, 265-294.	13.6	121
28	Antimony-Resistant <i>Leishmania donovani</i> Exploits miR-466i To Deactivate Host MyD88 for Regulating IL-10/IL-12 Levels during Early Hours of Infection. <i>Journal of Immunology</i> , 2015, 195, 2731-2742.	0.8	50
29	Transmission of <i>Leishmania donovani</i> in the Hills of Eastern Nepal, an Outbreak Investigation in Okhaldhunga and Bhojpur Districts. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003966.	3.0	46
30	Model-Based Investigations of Different Vector-Related Intervention Strategies to Eliminate Visceral Leishmaniasis on the Indian Subcontinent. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2810.	3.0	37
31	Evaluation of Four Single-Locus Markers for <i>Leishmania</i> Species Discrimination by Sequencing. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1098-1104.	3.9	61
32	Mosaic aneuploidy in <i>Leishmania</i> : the perspective of whole genome sequencing. <i>Trends in Parasitology</i> , 2014, 30, 554-555.	3.3	18
33	Differentiation between <i>Trypanosoma cruzi</i> and <i>Trypanosoma rangeli</i> using heat-shock protein 70 polymorphisms. <i>Tropical Medicine and International Health</i> , 2014, 19, 195-206.	2.3	4
34	Direct <i>Leishmania</i> species typing in Old World clinical samples: evaluation of 3 sensitive methods based on the heat-shock protein 70 gene. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 80, 35-39.	1.8	20
35	HindIII and SduI digests of heat-shock protein 70 PCR for <i>Leishmania</i> typing. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 77, 245-247.	1.8	20
36	LC-MS METABOLOMICS FROM STUDY DESIGN TO DATA-ANALYSIS – USING A VERSATILE PATHOGEN AS A TEST CASE. <i>Computational and Structural Biotechnology Journal</i> , 2013, 4, e201301002.	4.1	39

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37	Identification of <i>Leishmania tropica</i> from micro-foci of cutaneous leishmaniasis in the Kenyan Rift Valley. <i>Pathogens and Global Health</i> , 2012, 106, 159-165.	2.3	12
38	Accurate and rapid species typing from cutaneous and mucocutaneous leishmaniasis lesions of the New World. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 74, 142-150.	1.8	40
39	<i>Leishmania</i> AFLP: Paving the way towards improved molecular assays and markers of diversity. <i>Infection, Genetics and Evolution</i> , 2011, 11, 960-967.	2.3	23
40	Phylogeny of <i>Leishmania</i> species based on the heat-shock protein 70 gene. <i>Infection, Genetics and Evolution</i> , 2010, 10, 238-245.	2.3	157
41	Detection of <i>Leptomonas</i> sp. parasites in clinical isolates of Kala-azar patients from India. <i>Infection, Genetics and Evolution</i> , 2010, 10, 1145-1150.	2.3	53
42	Differentiation of <i>Leishmania</i> ( <i>Viannia</i> ) <i>panamensis</i> and <i>Leishmania</i> ( <i>V.</i> ) <i>guyanensis</i> using BclI for hsp70 PCR-RFLP. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2010, 104, 364-367.	1.8	27
43	Remarks on identification of amplified fragment length polymorphisms linked to SAG resistance in <i>Leishmania</i> . <i>Acta Tropica</i> , 2010, 113, 92-93.	2.0	2
44	Multilocus microsatellite typing (MLMT) reveals genetic homogeneity of <i>Leishmania donovani</i> strains in the Indian subcontinent. <i>Infection, Genetics and Evolution</i> , 2009, 9, 24-31.	2.3	81
45	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.	1.8	24
46	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.	2.3	76
47	Cutaneous leishmaniasis. <i>Lancet Infectious Diseases</i> , The, 2007, 7, 581-596.	9.1	1,130
48	American tegumentary leishmaniasis: direct species identification of <i>Leishmania</i> in non-invasive clinical samples. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007, 101, 368-371.	1.8	45
49	Epidemiological dynamics of antimonial resistance in <i>Leishmania donovani</i> : Genotyping reveals a polyclonal population structure among naturally-resistant clinical isolates from Nepal. <i>Infection, Genetics and Evolution</i> , 2007, 7, 206-212.	2.3	49
50	Culture-Independent Species Typing of Neotropical <i>Leishmania</i> for Clinical Validation of a PCR-Based Assay Targeting Heat Shock Protein 70 Genes. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2294-2297.	3.9	174
51	Reanalysis of Full-Length HIV Type 1 Group M Subtype K and Sub-Subtype F2 with an MS-DOS Bootscanning Program. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 185-189.	1.1	6
52	HIV-1 subtype H near-full length genome reference strains and analysis of subtype-H-containing inter-subtype recombinants. <i>Aids</i> , 2000, 14, 1533-1543.	2.2	13
53	HIV-1 genetic variability in Cameroon. <i>Aids</i> , 2000, 14, 1862-1864.	2.2	21
54	Inpatient Variability of HIV Type 1 Group O ANT70 during a 10-Year Follow-up. <i>AIDS Research and Human Retroviruses</i> , 1999, 15, 1325-1332.	1.1	8

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55	Structure of the Large Subunit rDNA from a Diatom, and Comparison Between Small and Large Subunit Ribosomal RNA for Studying Stramenopile Evolution. Journal of Eukaryotic Microbiology, 1998, 45, 521-527.	1.7	20