

Eric Dumonteil

List of Publications by Year in descending order

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143
papers

5,041
citations

61857

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149
all docs

149
docs citations

149
times ranked

3245
citing authors

#	ARTICLE	IF	CITATIONS
1	Chagas Disease: "The New HIV/AIDS of the Americas" PLoS Neglected Tropical Diseases, 2012, 6, e1498.	1.3	184
2	Geographic distribution of <i>Triatoma dimidiata</i> and transmission dynamics of <i>Trypanosoma cruzi</i> in the Yucatan peninsula of Mexico.. American Journal of Tropical Medicine and Hygiene, 2002, 67, 176-183.	0.6	134
3	Cross-Protective Efficacy of a Prophylactic <i>Leishmania donovani</i> DNA Vaccine against Visceral and Cutaneous Murine Leishmaniasis. Infection and Immunity, 2005, 73, 812-819.	1.0	117
4	Accelerating the development of a therapeutic vaccine for human Chagas disease: rationale and prospects. Expert Review of Vaccines, 2012, 11, 1043-1055.	2.0	117
5	An Unfolding Tragedy of Chagas Disease in North America. PLoS Neglected Tropical Diseases, 2013, 7, e2300.	1.3	114
6	Detailed ecological associations of triatomines revealed by metabarcoding and next-generation sequencing: implications for triatomine behavior and <i>Trypanosoma cruzi</i> transmission cycles. Scientific Reports, 2018, 8, 4140.	1.6	106
7	Genetics and evolution of triatomines: from phylogeny to vector control. Heredity, 2012, 108, 190-202.	1.2	105
8	Intrusive versus domiciliated triatomines and the challenge of adapting vector control practices against Chagas disease. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 324-338.	0.8	103
9	Immunotherapy of <i>Trypanosoma cruzi</i> Infection with DNA Vaccines in Mice. Infection and Immunity, 2004, 72, 46-53.	1.0	99
10	Mother-to-Child Transmission of Chagas™ Disease in North America: Why Don't We Do More?. Maternal and Child Health Journal, 2008, 12, 283-286.	0.7	96
11	Advances and challenges towards a vaccine against Chagas disease. Hum Vaccin, 2011, 7, 1184-1191.	2.4	76
12	Use of a Rapid Test on Umbilical Cord Blood to Screen for <i>Trypanosoma cruzi</i> Infection in Pregnant Women in Argentina, Bolivia, Honduras, and Mexico. American Journal of Tropical Medicine and Hygiene, 2008, 79, 755-759.	0.6	76
13	Two Distinct <i>Triatoma dimidiata</i> (Latreille, 1811) Taxa Are Found in Sympatry in Guatemala and Mexico. PLoS Neglected Tropical Diseases, 2009, 3, e393.	1.3	75
14	ASSESSMENT OF TRIATOMA DIMIDIATA DISPERSAL IN THE YUCATAN PENINSULA OF MEXICO BY MORPHOMETRY AND MICROSATELLITE MARKERS. American Journal of Tropical Medicine and Hygiene, 2007, 76, 930-937.	0.6	74
15	A cellular automata model for Chagas disease. Applied Mathematical Modelling, 2009, 33, 1072-1085.	2.2	73
16	Public Street Lights Increase House Infestation by the Chagas Disease Vector <i>Triatoma dimidiata</i> . PLoS ONE, 2012, 7, e36207.	1.1	73
17	Differential Regulation of the Glucagon and Insulin I Gene Promoters by the Basic Helix-Loop-Helix Transcription Factors E47 and BETA2. Journal of Biological Chemistry, 1998, 273, 19945-19954.	1.6	69
18	PREDICTING TRIATOMA DIMIDIATA ABUNDANCE AND INFECTION RATE: A RISK MAP FOR NATURAL TRANSMISSION OF CHAGAS DISEASE IN THE YUCATÁN PENINSULA OF MEXICO. American Journal of Tropical Medicine and Hygiene, 2004, 70, 514-519.	0.6	69

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19	Eco-Bio-Social Determinants for House Infestation by Non-domiciliated <i>Triatoma dimidiata</i> in the Yucatan Peninsula, Mexico. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2466.	1.3	68
20	Re-infestation of houses by <i>Triatoma dimidiata</i> after intra-domicile insecticide application in the Yucatán peninsula, Mexico. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2004, 99, 253-256.	0.8	66
21	The Improbable Transmission of <i>Trypanosoma cruzi</i> to Human: The Missing Link in the Dynamics and Control of Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2505.	1.3	66
22	Modeling the economic value of a Chagasâ€™ disease therapeutic vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1293-1301.	1.4	62
23	DNA Vaccines against Protozoan Parasites: Advances and Challenges. <i>Journal of Biomedicine and Biotechnology</i> , 2007, 2007, 1-11.	3.0	61
24	Leishmanicidal evaluation of extracts from native plants of the Yucatan peninsula. <i>FÃ-totera pÃ-Ã</i> , 2007, 78, 315-318.	1.1	60
25	Patterns of house infestation dynamics by non-domiciliated <i>Triatoma dimidiata</i> reveal a spatial gradient of infestation in rural villages and potential insect manipulation by <i>Trypanosoma cruzi</i> . <i>Tropical Medicine and International Health</i> , 2010, 15, 77-86.	1.0	60
26	Update on Chagas' disease in Mexico. <i>Salud Publica De Mexico</i> , 1999, 41, 322-7.	0.1	60
27	Identification of a large hybrid zone between sympatric sibling species of <i>Triatoma dimidiata</i> in the Yucatan peninsula, Mexico, and its epidemiological importance. <i>Infection, Genetics and Evolution</i> , 2009, 9, 1345-1351.	1.0	56
28	Urban Infestation by <i>Triatoma dimidiata</i> in the City of MÃ©rida, YucatÃ¡n, MÃ©xico. <i>Vector-Borne and Zoonotic Diseases</i> , 2007, 7, 597-606.	0.6	55
29	Optimization of Control Strategies for Non-Domiciliated <i>Triatoma dimidiata</i> , Chagas Disease Vector in the YucatÃ¡n Peninsula, Mexico. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e416.	1.3	55
30	Characterization of the Dispersal of Non-Domiciliated <i>Triatoma dimidiata</i> through the Selection of Spatially Explicit Models. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e777.	1.3	55
31	Highly discordant serology against <i>Trypanosoma cruzi</i> in central Veracruz, Mexico: role of the antigen used for diagnostic. <i>Parasites and Vectors</i> , 2015, 8, 466.	1.0	55
32	Control of <i>Trypanosoma cruzi</i> infection and changes in T-cell populations induced by a therapeutic DNA vaccine in mice. <i>Immunology Letters</i> , 2006, 103, 186-191.	1.1	53
33	Effect of a combination DNA vaccine for the prevention and therapy of <i>Trypanosoma cruzi</i> infection in mice: Role of CD4+ and CD8+ T cells. <i>Vaccine</i> , 2010, 28, 7414-7419.	1.7	53
34	IDENTIFICATION IN TRIATOMINE VECTORS OF FEEDING SOURCES AND <i>TRYPANOSOMA CRUZI</i> VARIANTS BY HETERODUPLEX ASSAY AND A MULTIPLEX MINIEXON POLYMERASE CHAIN REACTION. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 74, 303-305.	0.6	53
35	DNA vaccines induce partial protection against <i>Leishmania mexicana</i> . <i>Vaccine</i> , 2003, 21, 2161-2168.	1.7	52
36	Comparative evaluation of therapeutic DNA vaccines against <i>Trypanosoma cruzi</i> in mice. <i>FEMS Immunology and Medical Microbiology</i> , 2007, 50, 333-341.	2.7	52

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37	A therapeutic nanoparticle vaccine against <i>Trypanosoma cruzi</i> in a BALB/c mouse model of Chagas disease. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 976-987.	1.4	52
38	Molecular identification and genotyping of <i>Trypanosoma cruzi</i> DNA in autochthonous Chagas disease patients from Texas, USA. <i>Infection, Genetics and Evolution</i> , 2017, 49, 151-156.	1.0	52
39	An innovative ecohealth intervention for Chagas disease vector control in Yucatan, Mexico. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015, 109, 143-149.	0.7	51
40	Evolutionary ecology of Chagas disease; what do we know and what do we need?. <i>Evolutionary Applications</i> , 2018, 11, 470-487.	1.5	50
41	Congenital Transmission of <i>Trypanosoma cruzi</i> in Argentina, Honduras, and Mexico: An Observational Prospective Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 478-485.	0.6	48
42	Texas and Mexico: Sharing a Legacy of Poverty and Neglected Tropical Diseases. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1497.	1.3	47
43	Estimating the current burden of Chagas disease in Mexico: A systematic review and meta-analysis of epidemiological surveys from 2006 to 2017. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0006859.	1.3	46
44	Innovation for the "Bottom 100 Million": Eliminating Neglected Tropical Diseases in the Americas. <i>Advances in Experimental Medicine and Biology</i> , 2013, 764, 1-12.	0.8	45
45	Use of a rapid test on umbilical cord blood to screen for <i>Trypanosoma cruzi</i> infection in pregnant women in Argentina, Bolivia, Honduras, and Mexico. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 79, 755-9.	0.6	45
46	Mining the <i>Leishmania</i> genome for novel antigens and vaccine candidates. <i>Proteomics</i> , 2009, 9, 1293-1301.	1.3	44
47	Demographic and Dispersal Constraints for Domestic Infestation by Non-Domiciliated Chagas Disease Vectors in the Yucatan Peninsula, Mexico. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 78, 133-139.	0.6	44
48	Vaccine development against <i>Trypanosoma cruzi</i> and <i>Leishmania</i> species in the post-genomic era. <i>Infection, Genetics and Evolution</i> , 2009, 9, 1075-1082.	1.0	42
49	Extensive diversity of <i>Trypanosoma cruzi</i> discrete typing units circulating in <i>Triatoma dimidiata</i> from central Veracruz, Mexico. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1341-1343.	1.0	42
50	Effects of genetic factors and infection status on wing morphology of <i>Triatoma dimidiata</i> species complex in the Yucatán peninsula, Mexico. <i>Infection, Genetics and Evolution</i> , 2011, 11, 1243-1249.	1.0	41
51	Opportunities for Improved Chagas Disease Vector Control Based on Knowledge, Attitudes and Practices of Communities in the Yucatan Peninsula, Mexico. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2763.	1.3	41
52	Expression, purification, immunogenicity, and protective efficacy of a recombinant Tc24 antigen as a vaccine against <i>Trypanosoma cruzi</i> infection in mice. <i>Vaccine</i> , 2015, 33, 4505-4512.	1.7	41
53	Evaluation of Spatially Targeted Strategies to Control Non-Domiciliated <i>Triatoma dimidiata</i> Vector of Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1045.	1.3	40
54	Preventive and therapeutic DNA vaccination partially protect dogs against an infectious challenge with <i>Trypanosoma cruzi</i> . <i>Vaccine</i> , 2013, 31, 2246-2252.	1.7	39

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55	High prevalence of <i>Trypanosoma cruzi</i> infection in shelter dogs from southern Louisiana, USA. <i>Parasites and Vectors</i> , 2019, 12, 322.	1.0	36
56	EFFECT OF HURRICANE ISIDORE ON <i>TRITATOMA DIMIDIATA</i> DISTRIBUTION AND CHAGAS DISEASE TRANSMISSION RISK IN THE YUCATÁN PENINSULA OF MEXICO. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 1019-1025.	0.6	36
57	Therapeutic DNA Vaccine against <i>Trypanosoma cruzi</i> Infection in Dogs. <i>Annals of the New York Academy of Sciences</i> , 2008, 1149, 343-346.	1.8	35
58	Assessment of <i>Triatoma dimidiata</i> dispersal in the Yucatan Peninsula of Mexico by morphometry and microsatellite markers. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 930-7.	0.6	35
59	Immunopathology of natural infection with <i>Trypanosoma cruzi</i> in dogs. <i>Veterinary Parasitology</i> , 2009, 162, 151-155.	0.7	34
60	<i>In vivo</i> and <i>In vitro</i> Control of <i>Leishmania mexicana</i> due to Garlic-induced NO Production. <i>Scandinavian Journal of Immunology</i> , 2007, 66, 508-514.	1.3	33
61	Production of recombinant TSA-1 and evaluation of its potential for the immuno-therapeutic control of <i>Trypanosoma cruzi</i> infection in mice. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 210-219.	1.4	33
62	House Infestation Dynamics and Feeding Sources of <i>Triatoma dimidiata</i> in Central Veracruz, Mexico. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 86, 677-682.	0.6	31
63	Molecular Genotyping of <i>Trypanosoma cruzi</i> by Next-Generation Sequencing of the Mini-Exon Gene Reveals Infections With Multiple Parasite Discrete Typing Units in Chagasic Patients From Yucatan, Mexico. <i>Journal of Infectious Diseases</i> , 2019, 219, 1980-1988.	1.9	31
64	Deep sequencing reveals multiclonality and new discrete typing units of <i>Trypanosoma cruzi</i> in rodents from the southern United States. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 622-633.	1.5	31
65	<i>Trypanosoma cruzi</i> vaccine candidate antigens Tc24 and TSA-1 recall memory immune response associated with HLA-A and -B supertypes in Chagasic chronic patients from Mexico. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006240.	1.3	31
66	Aluminium phosphate potentiates the efficacy of DNA vaccines against <i>Leishmania mexicana</i> . <i>Vaccine</i> , 2005, 23, 5372-5379.	1.7	30
67	Comparative Field Trial of Alternative Vector Control Strategies for Non-Domiciliated <i>Triatoma dimidiata</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 82, 60-66.	0.6	30
68	Ecological niche and geographic distribution of the Chagas disease vector, <i>Triatoma dimidiata</i> (Reduviidae: Triatominae): Evidence for niche differentiation among cryptic species. <i>Infection, Genetics and Evolution</i> , 2015, 36, 15-22.	1.0	30
69	A survey of zoonotic pathogens carried by house mouse and black rat populations in Yucatan, Mexico. <i>Epidemiology and Infection</i> , 2017, 145, 2287-2295.	1.0	30
70	Seroprevalence of <i>Trypanosoma cruzi</i> Among Mothers and Children in Rural Mayan Communities and Associated Reproductive Outcomes. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 348-353.	0.6	29
71	<i>Trypanosoma cruzi</i> transmission dynamics in a synanthropic and domesticated host community. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007902.	1.3	29
72	Interactions among <i>Triatoma sanguisuga</i> blood feeding sources, gut microbiota and <i>Trypanosoma cruzi</i> diversity in southern Louisiana. <i>Molecular Ecology</i> , 2020, 29, 3747-3761.	2.0	29

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73	Immunogenicity of novel Dengue virus epitopes identified by bioinformatic analysis. <i>Virus Research</i> , 2010, 153, 113-120.	1.1	28
74	Identification in triatomine vectors of feeding sources and <i>Trypanosoma cruzi</i> variants by heteroduplex assay and a multiplex miniexon polymerase chain reaction. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 74, 303-5.	0.6	28
75	Chagas Disease Has Not Been Controlled in Ecuador. <i>PLoS ONE</i> , 2016, 11, e0158145.	1.1	27
76	Dynamics and Distribution of House Infestation by <i>Triatoma dimidiata</i> in Central and Southern Belize. <i>Vector-Borne and Zoonotic Diseases</i> , 2009, 9, 19-24.	0.6	26
77	Variations in Sex Ratio, Feeding, and Fecundity of <i>Triatoma dimidiata</i> (Hemiptera: Reduviidae) Among Habitats in the Yucatan Peninsula, Mexico. <i>Vector-Borne and Zoonotic Diseases</i> , 2009, 9, 243-251.	0.6	26
78	A therapeutic preconceptional vaccine against Chagas disease: A novel indication that could reduce congenital transmission and accelerate vaccine development. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0006985.	1.3	26
79	Antitrypanosomal <i>in vitro</i> activity of tropical marine algae extracts. <i>Pharmaceutical Biology</i> , 2009, 47, 864-871.	1.3	25
80	Predicting triatoma dimidiata abundance and infection rate: a risk map for natural transmission of chagas disease in the yucatan peninsula of Mexico. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 70, 514-9.	0.6	25
81	Demographic and dispersal constraints for domestic infestation by non-domicilated chagas disease vectors in the Yucatan Peninsula, Mexico. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 78, 133-9.	0.6	25
82	Identification of a Hyperendemic Area for <i>Trypanosoma cruzi</i> Infection in Central Veracruz, Mexico. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 164-170.	0.6	24
83	Ten years of Chagas disease research: Looking back to achievements, looking ahead to challenges. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005422.	1.3	24
84	Assessing <i>Trypanosoma cruzi</i> Parasite Diversity through Comparative Genomics: Implications for Disease Epidemiology and Diagnostics. <i>Pathogens</i> , 2021, 10, 212.	1.2	24
85	Geographic Variations in Test Reactivity for the Serological Diagnosis of <i>Trypanosoma cruzi</i> Infection. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0106221.	1.8	24
86	Do Commercial Serologic Tests for <i>Trypanosoma cruzi</i> Infection Detect Mexican Strains in Women and Newborns?. <i>Journal of Parasitology</i> , 2011, 97, 338-343.	0.3	23
87	From Genome Screening to Creation of Vaccine Against <i>Trypanosoma cruzi</i> by Use of Immunoinformatics. <i>Journal of Infectious Diseases</i> , 2015, 211, 258-266.	1.9	22
88	Phylogenetic Analysis of <i>Trypanosoma cruzi</i> from Pregnant Women and Newborns from Argentina, Honduras, and Mexico Suggests an Association of Parasite Haplotypes with Congenital Transmission of the Parasite. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 1095-1105.	1.2	21
89	<i>Trypanosoma cruzi</i> diversity in naturally infected nonhuman primates in Louisiana assessed by deep sequencing of the mini-exon gene. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2019, 113, 281-286.	0.7	21
90	Ten years (2004–2014) of Chagas disease surveillance and vector control in Ecuador: successes and challenges. <i>Tropical Medicine and International Health</i> , 2016, 21, 84-92.	1.0	20

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91	An Improved Approach to <i>Trypanosoma cruzi</i> Molecular Genotyping by Next-Generation Sequencing of the Mini-exon Gene. <i>Methods in Molecular Biology</i> , 2019, 1955, 47-60.	0.4	18
92	Congenital transmission of <i>Trypanosoma cruzi</i> in Argentina, Honduras, and Mexico: study protocol. <i>Reproductive Health</i> , 2013, 10, 55.	1.2	17
93	The Case for the Development of a Chagas Disease Vaccine: Why? How? When?. <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 16.	0.9	17
94	Analysis of Children's Perception of Triatomine Vectors of Chagas Disease through Drawings: Opportunities for Targeted Health Education. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3217.	1.3	16
95	Polymorphism and Selection Pressure of SARS-CoV-2 Vaccine and Diagnostic Antigens: Implications for Immune Evasion and Serologic Diagnostic Performance. <i>Pathogens</i> , 2020, 9, 584.	1.2	16
96	Short-course Benznidazole treatment to reduce <i>Trypanosoma cruzi</i> parasitic load in women of reproductive age (BETTY): a non-inferiority randomized controlled trial study protocol. <i>Reproductive Health</i> , 2020, 17, 128.	1.2	16
97	Safety and immunogenicity of a recombinant vaccine against <i>Trypanosoma cruzi</i> in Rhesus macaques. <i>Vaccine</i> , 2020, 38, 4584-4591.	1.7	16
98	Infection Rate by <i>Trypanosoma cruzi</i> and Biased Vertebrate Host Selection in the <i>Triatoma dimidiata</i> (Hemiptera: Reduviidae) Species Complex. <i>Journal of Medical Entomology</i> , 2016, 53, 20-25.	0.9	15
99	Non-randomized controlled trial of the long-term efficacy of an Ecohealth intervention against Chagas disease in Yucatan, Mexico. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006605.	1.3	14
100	Genetic diversity of <i>Trypanosoma cruzi</i> parasites infecting dogs in southern Louisiana sheds light on parasite transmission cycles and serological diagnostic performance. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008932.	1.3	14
101	Molecular epidemiology of <i>Trypanosoma cruzi</i> and <i>Triatoma dimidiata</i> in coastal Ecuador. <i>Infection, Genetics and Evolution</i> , 2016, 41, 207-212.	1.0	13
102	Diversity and interactions among triatomine bugs, their blood feeding sources, gut microbiota and <i>Trypanosoma cruzi</i> in the Sierra Nevada de Santa Marta in Colombia. <i>Scientific Reports</i> , 2021, 11, 12306.	1.6	13
103	Seroprevalence of <i>Trypanosoma cruzi</i> Infection in Schoolchildren and in Pregnant Women from an Amazonian Region in Orellana Province, Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 774-778.	0.6	12
104	Disentangling <i>Trypanosoma cruzi</i> transmission cycle dynamics through the identification of blood meal sources of natural populations of <i>Triatoma dimidiata</i> in Yucatán, Mexico. <i>Parasites and Vectors</i> , 2019, 12, 572.	1.0	12
105	Expression, purification, immunogenicity and protective efficacy of a recombinant nucleoside hydrolase from <i>Leishmania donovani</i> , a vaccine candidate for preventing cutaneous leishmaniasis. <i>Protein Expression and Purification</i> , 2017, 130, 129-136.	0.6	11
106	Extent of polymorphism and selection pressure on the <i>Trypanosoma cruzi</i> vaccine candidate antigen Tc24. <i>Evolutionary Applications</i> , 2020, 13, 2663-2672.	1.5	11
107	A canine model of experimental infection with <i>Leishmania (L.) mexicana</i> . <i>Parasites and Vectors</i> , 2014, 7, 361.	1.0	10
108	Scaffold proteins LACK and TRACK as potential drug targets in kinetoplastid parasites: Development of inhibitors. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2016, 6, 74-84.	1.4	10

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109	Shelter cats host infections with multiple <i>Trypanosoma cruzi</i> discrete typing units in southern Louisiana. <i>Veterinary Research</i> , 2021, 52, 53.	1.1	10
110	Diversity of <i>Trypanosoma cruzi</i> parasites infecting <i>Triatoma dimidiata</i> in Central Veracruz, Mexico, and their One Health ecological interactions. <i>Infection, Genetics and Evolution</i> , 2021, 95, 105050.	1.0	10
111	Molecular ecology of <i>Triatoma dimidiata</i> in southern Belize reveals risk for human infection and the local differentiation of <i>Trypanosoma cruzi</i> parasites. <i>International Journal of Infectious Diseases</i> , 2021, 108, 320-329.	1.5	9
112	Insulin, But Not Glucose Lowering Corrects the Hyperglucagonemia and Increased Proglucagon Messenger Ribonucleic Acid Levels Observed in Insulinopenic Diabetes*This work was supported by the Swiss National Fund (Grant 32â€“46816.96 to J.P. and Grant 32â€“34086.95 to P.M.), the Institute for Human Genetics and Biochemistry, the Naïgeli Wolfermann Foundation, the Horten Foundation, and the Juvenile Diabetes Foundation International (Grant 197124).. , 0, .		9
113	Comportamiento biolÃ³gico de tres cepas de <i>Trypanosoma cruzi</i> de YucatÃ¡n, MÃ©xico.. <i>Revista Biomedica</i> , 2001, 12, 224-230.	0.0	9
114	<i>Dirofilaria immitis</i> and <i>Trypanosoma cruzi</i> natural co-infection in dogs. <i>Veterinary Journal</i> , 2010, 186, 399-401.	0.6	8
115	Effect of Hurricane Isidore on <i>Triatoma dimidiata</i> distribution and Chagas disease transmission risk in the YucatÃ¡n Peninsula of Mexico. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005, 73, 1019-25.	0.6	8
116	Malaria vaccine efficacy: overcoming the helminth hurdle. <i>Expert Review of Vaccines</i> , 2010, 9, 707-711.	2.0	7
117	Evaluation of Clinical and Immunopathological Features of Different Infective Doses of <i>Trypanosoma cruzi</i> in Dogs during the Acute Phase. <i>Scientific World Journal</i> , The, 2012, 2012, 1-6.	0.8	7
118	Sleeping habits affect access to host by Chagas disease vector <i>Triatoma dimidiata</i> . <i>Parasites and Vectors</i> , 2016, 9, 568.	1.0	7
119	Metabarcoding: A Powerful Yet Still Underestimated Approach for the Comprehensive Study of Vector-Borne Pathogen Transmission Cycles and Their Dynamics. , 0, , .		7
120	Genomic Signatures of SARS-CoV-2 Associated with Patient Mortality. <i>Viruses</i> , 2021, 13, 227.	1.5	7
121	Sequence of <i>Trypanosoma cruzi</i> reference strain SC43 nuclear genome and kinetoplast maxicircle confirms a strong genetic structure among closely related parasite discrete typing units. <i>Genome</i> , 2021, 64, 1-7.	0.9	6
122	The Gulf of Mexico: A “Hot Zone” for Neglected Tropical Diseases?. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003481.	1.3	5
123	More than a Hundred Years in the Search for an Accurate Diagnosis for Chagas Disease: Current Panorama and Expectations. , 0, , .		5
124	Plant-made vaccines against parasites: bioinspired perspectives to fight against Chagas disease. <i>Expert Review of Vaccines</i> , 2021, 20, 1373-1388.	2.0	5
125	Report on the fourth TDR/IDRI meeting on second generation vaccine against Leishmaniasis. Merida, Yucatan, Mexico, May 1- 3, 2001.. <i>Revista Biomedica</i> , 2002, 13, .	0.0	5
126	Seroprevalence of <i>Trypanosoma cruzi</i> (TC) and risk factors in Colima, Mexico. <i>Gaceta Medica De Mexico</i> , 2017, 153, 179-184.	0.5	5

#	ARTICLE	IF	CITATIONS
127	Mining <i>Trypanosoma cruzi</i> Genome Sequences for Antigen Discovery and Vaccine Development. <i>Methods in Molecular Biology</i> , 2019, 1955, 23-34.	0.4	4
128	Including unpublished surveys in reviews on Chagas disease in Mexico. <i>Public Health Reviews</i> , 2020, 41, 24.	1.3	4
129	Locally Transmitted <i>Trypanosoma cruzi</i> in a Domestic Llama (<i>Lama glama</i>) in a Rural Area of Greater New Orleans, Louisiana, USA. <i>Vector-Borne and Zoonotic Diseases</i> , 2021, 21, 762-768.	0.6	4
130	Seroprevalence of <i>Trypanosoma cruzi</i> Infection in Pregnant Women Suggests a High Risk for Congenital Transmission in Central Veracruz, Mexico. <i>Acta Parasitologica</i> , 2020, 65, 661-668.	0.4	3
131	Risk factors for infestation by <i>Triatoma dimidiata</i> in a rural locality of Veracruz, Mexico, with active transmission of <i>Trypanosoma cruzi</i> : weather and rain as factors. <i>Tropical Medicine and International Health</i> , 2021, 26, 916-926.	1.0	3
132	Fibronectin degradation as biomarker for <i>Trypanosoma cruzi</i> infection and treatment monitoring in mice. <i>Parasitology</i> , 2021, 148, 1067-1073.	0.7	3
133	Pioneering Neglected Disease Research in Southern Mexico at the "Dr. Hideyo Noguchi" Regional Research Center. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2530.	1.3	2
134	Epitope of dengue virus E protein detect human antibodies associated with mild disease: a potential peptide for vaccine development. <i>Brazilian Journal of Infectious Diseases</i> , 2020, 24, 85-88.	0.3	2
135	Negative studies are helpful to compute the specificity of diagnostic tests: measuring <i>Trypanosoma cruzi</i> seroprevalence in Guanajuato, Mexico. <i>BMC Research Notes</i> , 2015, 8, 614.	0.6	1
136	Leishmaniasis in the Americas. <i>Neglected Tropical Diseases</i> , 2015, , 113-128.	0.4	1
137	Active Transmission of <i>Trypanosoma cruzi</i> in Schoolchildren from the Amazon Region in Napo Province, Ecuador. <i>Acta Parasitologica</i> , 2021, 66, 1059-1062.	0.4	0
138	Title is missing!. , 2020, 14, e0008932.		0
139	Title is missing!. , 2020, 14, e0008932.		0
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141	Title is missing!. , 2020, 14, e0008932.		0
142	Title is missing!. , 2020, 14, e0008932.		0
143	Title is missing!. , 2020, 14, e0008932.		0