

# Rick L Tarleton

## List of Publications by Year in descending order

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132  
papers

9,853  
citations

31974

53  
h-index

39667

94  
g-index

154  
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154  
docs citations

154  
times ranked

6611  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | The Genome Sequence of <i>Trypanosoma cruzi</i> , Etiologic Agent of Chagas Disease. <i>Science</i> , 2005, 309, 409-415.  | 12.6 | 1,273     |
| 2  | Kinetoplastids: related protozoan pathogens, different diseases. <i>Journal of Clinical Investigation</i> , 2008, 118, 1301-1310.  | 8.2  | 460       |
| 3  | The <i>Trypanosoma cruzi</i> Proteome. <i>Science</i> , 2005, 309, 473-476.  | 12.6 | 383       |
| 4  | Parasite persistence in the aetiology of Chagas disease. <i>International Journal for Parasitology</i> , 2001, 31, 550-554.  | 3.1  | 254       |
| 5  | Rapid quantitation of <i>Trypanosoma cruzi</i> in host tissue by real-time PCR. <i>Molecular and Biochemical Parasitology</i> , 2003, 129, 53-59.  | 1.1  | 227       |
| 6  | CD8+ T-Cell Responses to <i>Trypanosoma cruzi</i> Are Highly Focused on Strain-Variant trans-Sialidase Epitopes. <i>PLoS Pathogens</i> , 2006, 2, e77.   | 4.7  | 204       |
| 7  | The Challenges of Chagas Disease—Grim Outlook or Glimmer of Hope?. <i>PLoS Medicine</i> , 2007, 4, e332.   | 8.4  | 196       |
| 8  | Drug-induced cure drives conversion to a stable and protective CD8+ T central memory response in chronic Chagas disease. <i>Nature Medicine</i> , 2008, 14, 542-550.   | 30.7 | 186       |
| 9  | CRISPR-Cas9-Mediated Single-Gene and Gene Family Disruption in <i>Trypanosoma cruzi</i> . <i>MBio</i> , 2015, 6, e02097-14.  | 4.1  | 186       |
| 10 | Immune system recognition of <i>Trypanosoma cruzi</i> . <i>Current Opinion in Immunology</i> , 2007, 19, 430-434.  | 5.5  | 184       |
| 11 | Frequency of Interferon- $\gamma$ -Producing T Cells Specific for <i>Trypanosoma cruzi</i> Inversely Correlates with Disease Severity in Chronic Human Chagas Disease. <i>Journal of Infectious Diseases</i> , 2004, 189, 909-918. | 4.0  | 180       |
| 12 | A Heuristic Method for Assigning a False-discovery Rate for Protein Identifications from Mascot Database Search Results. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 762-772.  | 3.8  | 180       |
| 13 | EuPaGDT: a web tool tailored to design CRISPR guide RNAs for eukaryotic pathogens. <i>Microbial Genomics</i> , 2015, 1, e000033.   | 2.0  | 174       |
| 14 | Spontaneous dormancy protects <i>Trypanosoma cruzi</i> during extended drug exposure. <i>ELife</i> , 2018, 7, .  | 6.0  | 169       |
| 15 | <i>Trypanosoma cruzi</i> infection in MHC-deficient mice: further evidence for the role of both class I- and class II-restricted T cells in immune resistance and disease. <i>International Immunology</i> , 1996, 8, 13-22.       | 4.0  | 159       |
| 16 | In Vitro and In Vivo High-Throughput Assays for the Testing of Anti- <i>Trypanosoma cruzi</i> Compounds. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e740.  | 3.0  | 140       |
| 17 | Chagas disease: a role for autoimmunity?. <i>Trends in Parasitology</i> , 2003, 19, 447-451.   | 3.3  | 138       |
| 18 | CD8+ T cells in <i>Trypanosoma cruzi</i> infection. <i>Current Opinion in Immunology</i> , 2009, 21, 385-390.  | 5.5  | 137       |

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|----|--|------|-----------|
| 19 | Generation, specificity, and function of CD8+ T cells in <i>Trypanosoma cruzi</i> infection. <i>Immunological Reviews</i> , 2004, 201, 304-317.  | 6.0  | 134       |
| 20 | <i>Trypanosoma cruzi</i> modulates the profile of memory CD8+ T cells in chronic Chagas' disease patients. <i>International Immunology</i> , 2006, 18, 465-471.  | 4.0  | 134       |
| 21 | The relative contribution of antibody production and CD8 <sup>+</sup> T cell function to immune control of <i>Trypanosoma cruzi</i> . <i>Parasite Immunology</i> , 1998, 20, 207-216.  | 1.5  | 133       |
| 22 | The steady-state transcriptome of the four major life-cycle stages of <i>Trypanosoma cruzi</i> . <i>BMC Genomics</i> , 2009, 10, 370.  | 2.8  | 125       |
| 23 | Genetic Immunization Elicits Antigen-Specific Protective Immune Responses and Decreases Disease Severity in <i>Trypanosoma cruzi</i> Infection. <i>Infection and Immunity</i> , 2002, 70, 5547-5555.   | 2.2  | 118       |
| 24 | New, Combined, and Reduced Dosing Treatment Protocols Cure <i>Trypanosoma cruzi</i> Infection in Mice. <i>Journal of Infectious Diseases</i> , 2014, 209, 150-162.   | 4.0  | 118       |
| 25 | CD8+ T cells in <i>Trypanosoma cruzi</i> infection. <i>Seminars in Immunopathology</i> , 2015, 37, 233-238.  | 6.1  | 109       |
| 26 | Chromosome level assembly of the hybrid <i>Trypanosoma cruzi</i> genome. <i>BMC Genomics</i> , 2009, 10, 255.  | 2.8  | 108       |
| 27 | Increased Susceptibility of Stat4-Deficient and Enhanced Resistance in Stat6-Deficient Mice to Infection with <i>Trypanosoma cruzi</i> . <i>Journal of Immunology</i> , 2000, 165, 1520-1525.  | 0.8  | 103       |
| 28 | Antigen-Specific Th1 But Not Th2 Cells Provide Protection from Lethal <i>Trypanosoma cruzi</i> Infection in Mice. <i>Journal of Immunology</i> , 2001, 166, 4596-4603.   | 0.8  | 103       |
| 29 | Chronic Human Infection with <i>Trypanosoma cruzi</i> Drives CD4+ T Cells to Immune Senescence. <i>Journal of Immunology</i> , 2009, 183, 4103-4108.   | 0.8  | 103       |
| 30 | Changes in <i>Trypanosoma cruzi</i> Specific Immune Responses after Treatment: Surrogate Markers of Treatment Efficacy. <i>Clinical Infectious Diseases</i> , 2009, 49, 1675-1684.   | 5.8  | 98        |
| 31 | Characterization of cytokine production in murine <i>Trypanosoma cruzi</i> infection by in situ immunocytochemistry: Lack of association between susceptibility and type 2 cytokine production. <i>European Journal of Immunology</i> , 1996, 26, 102-109. | 2.9  | 97        |
| 32 | Protozoan persister-like cells and drug treatment failure. <i>Nature Reviews Microbiology</i> , 2019, 17, 607-620.   | 28.6 | 97        |
| 33 | High Throughput Selection of Effective Serodiagnostics for <i>Trypanosoma cruzi</i> infection. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e316.  | 3.0  | 93        |
| 34 | Impact of Aetiological Treatment on Conventional and Multiplex Serology in Chronic Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1314.   | 3.0  | 93        |
| 35 | Rapid, Selection-Free, High-Efficiency Genome Editing in Protozoan Parasites Using CRISPR-Cas9 Ribonucleoproteins. <i>MBio</i> , 2017, 8, .  | 4.1  | 88        |
| 36 | Glycoproteomics of <i>Trypanosoma cruzi</i> Trypomastigotes Using Subcellular Fractionation, Lectin Affinity, and Stable Isotope Labeling. <i>Journal of Proteome Research</i> , 2006, 5, 3376-3384.   | 3.7  | 84        |

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|----|---|-----|-----------|
| 37 | Widespread, focal copy number variations (CNV) and whole chromosome aneuploidies in <i>Trypanosoma cruzi</i> strains revealed by array comparative genomic hybridization. <i>BMC Genomics</i> , 2011, 12, 139.  | 2.8 | 80        |
| 38 | Endogenous CD4 <sup>+</sup> CD25 <sup>+</sup> Regulatory T Cells Have a Limited Role in the Control of <i>Trypanosoma cruzi</i> Infection in Mice. <i>Infection and Immunity</i> , 2007, 75, 861-869.   | 2.2 | 79        |
| 39 | Vaccination with Trypomastigote Surface Antigen 1-Encoding Plasmid DNA Confers Protection against Lethal <i>Trypanosoma cruzi</i> Infection. <i>Infection and Immunity</i> , 1998, 66, 5073-5081.   | 2.2 | 79        |
| 40 | A Systematic Review of High Quality Diagnostic Tests for Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1881.  | 3.0 | 78        |
| 41 | Drug Discovery for Kinetoplastid Diseases: Future Directions. <i>ACS Infectious Diseases</i> , 2019, 5, 152-157.  | 3.8 | 78        |
| 42 | Antigen-Specific T Cells Maintain an Effector Memory Phenotype during Persistent <i>Trypanosoma cruzi</i> Infection. <i>Journal of Immunology</i> , 2005, 174, 1594-1601.   | 0.8 | 76        |
| 43 | Insufficient TLR Activation Contributes to the Slow Development of CD8 <sup>+</sup> T Cell Responses in <i>Trypanosoma cruzi</i> Infection. <i>Journal of Immunology</i> , 2009, 183, 1245-1252.  | 0.8 | 76        |
| 44 | Predominance of CD8 <sup>+</sup> T Lymphocytes in the Inflammatory Lesions of Mice with Acute <i>Trypanosoma cruzi</i> Infection. <i>American Journal of Tropical Medicine and Hygiene</i> , 1993, 48, 161-169.   | 1.4 | 72        |
| 45 | <i>Trypanosoma cruzi</i> : Cytokine effects on macrophage trypanocidal activity. <i>Experimental Parasitology</i> , 1991, 72, 391-402.  | 1.2 | 69        |
| 46 | Identification of Contractile Vacuole Proteins in <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2011, 6, e18013.   | 2.5 | 69        |
| 47 | HLA Class I-T Cell Epitopes from trans-Sialidase Proteins Reveal Functionally Distinct Subsets of CD8 <sup>+</sup> T Cells in Chronic Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e288.  | 3.0 | 66        |
| 48 | Chagas Disease and the London Declaration on Neglected Tropical Diseases. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3219.   | 3.0 | 61        |
| 49 | Genetic immunization with LYT1 or a pool of trans-sialidase genes protects mice from lethal <i>Trypanosoma cruzi</i> infection. <i>Vaccine</i> , 2003, 21, 3070-3080.   | 3.8 | 60        |
| 50 | Persistent Production of Inflammatory and Anti-inflammatory Cytokines and Associated MHC and Adhesion Molecule Expression at the Site of Infection and Disease in Experimental <i>Trypanosoma cruzi</i> Infections. <i>Experimental Parasitology</i> , 1996, 84, 203-213. | 1.2 | 59        |
| 51 | Inducible Nitric Oxide Synthase Is Not Essential for Control of <i>Trypanosoma cruzi</i> Infection in Mice. <i>Infection and Immunity</i> , 2004, 72, 4081-4089.  | 2.2 | 58        |
| 52 | CD8 <sup>+</sup> T Cells Specific for Immunodominant Trans-Sialidase Epitopes Contribute to Control of <i>Trypanosoma cruzi</i> Infection but Are Not Required for Resistance. <i>Journal of Immunology</i> , 2010, 185, 560-568.   | 0.8 | 58        |
| 53 | Inhibitory Receptors Are Expressed by <i>Trypanosoma cruzi</i> -Specific Effector T Cells and in Hearts of Subjects with Chronic Chagas Disease. <i>PLoS ONE</i> , 2012, 7, e35966.   | 2.5 | 58        |
| 54 | Stable CD8 <sup>+</sup> T Cell Memory during Persistent <i>Trypanosoma cruzi</i> Infection. <i>Journal of Immunology</i> , 2008, 181, 2644-2650.  | 0.8 | 57        |

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|----|--|------|-----------|
| 55 | Interleukin 1 activity in haemolymph from strains of the snail biomphalaria glabrata varying in susceptibility to the human blood fluke, Schistosoma mansoni: presence, differential expression, and biological function. Cytokine, 1994, 6, 21-27.  | 3.2  | 56        |
| 56 | Cutting Edge: Dysfunctional CD8+ T Cells Reside in Nonlymphoid Tissues During Chronic <i>Trypanosoma cruzi</i> Infection. Journal of Immunology, 2003, 170, 2264-2268.   | 0.8  | 53        |
| 57 | Eliminating Chagas disease: challenges and a roadmap. BMJ: British Medical Journal, 2009, 338, b1283-b1283.  | 2.3  | 52        |
| 58 | Strain-specific genome evolution in Trypanosoma cruzi, the agent of Chagas disease. PLoS Pathogens, 2021, 17, e1009254.  | 4.7  | 50        |
| 59 | TGFβ <sup>2</sup> regulates pathology but not tissue CD8 <sup>+</sup> T cell dysfunction during experimental <i>Trypanosoma cruzi</i> infection. European Journal of Immunology, 2007, 37, 2764-2771.  | 2.9  | 48        |
| 60 | Sequential combined treatment with allopurinol and benznidazole in the chronic phase of Trypanosoma cruzi infection: a pilot study. Journal of Antimicrobial Chemotherapy, 2013, 68, 424-437.  | 3.0  | 46        |
| 61 | Polyfunctional T Cell Responses in Children in Early Stages of Chronic Trypanosoma cruzi Infection Contrast with Monofunctional Responses of Long-term Infected Adults. PLoS Neglected Tropical Diseases, 2013, 7, e2575.  | 3.0  | 45        |
| 62 | Engineered trivalent immunogen adjuvanted with a STING agonist confers protection against Trypanosoma cruzi infection. Npj Vaccines, 2017, 2, 9.   | 6.0  | 45        |
| 63 | The Trypanosoma cruzi Flagellum Is Discarded via Asymmetric Cell Division following Invasion and Provides Early Targets for Protective CD8+ T Cells. Cell Host and Microbe, 2014, 16, 439-449.   | 11.0 | 44        |
| 64 | Microarray profiling of gene expression during trypomastigote to amastigote transition in Trypanosoma cruzi. Molecular and Biochemical Parasitology, 2003, 131, 55-64.   | 1.1  | 42        |
| 65 | Changes in cell populations and immunoglobulin-producing cells in the spleens of mice infected with Trypanosoma cruzi: Correlations with parasite-specific antibody response. Cellular Immunology, 1983, 80, 392-404.  | 3.0  | 41        |
| 66 | Epigenetic Regulation of Transcription and Virulence in Trypanosoma cruzi by O-Linked Thymine Glucosylation of DNA. Molecular and Cellular Biology, 2011, 31, 1690-1700.   | 2.3  | 40        |
| 67 | Construction and use of a multi-competitor gene for quantitative RT-PCR using existing primer sets. Journal of Immunological Methods, 1995, 181, 145-156.  | 1.4  | 39        |
| 68 | Molecular cloning of the gene encoding the 83 kDa amastigote surface protein and its identification as a member of the Trypanosoma cruzi sialidase superfamily1Note: Nucleotide sequence data reported in this paper is available in the GenBank, database under the accession number U77951.1. Molecular and Biochemical Parasitology, 1997, 88, 137-149. | 1.1  | 39        |
| 69 | Limited Role for CD4 + T-Cell Help in the Initial Priming of Trypanosoma cruzi- Specific CD8 + T Cells. Infection and Immunity, 2007, 75, 231-235.   | 2.2  | 39        |
| 70 | Perpetual expression of PAMPs necessary for optimal immune control and clearance of a persistent pathogen. Nature Communications, 2013, 4, 2616.   | 12.8 | 38        |
| 71 | Trypanoside, anti-tuberculosis, leishmanicidal, and cytotoxic activities of tetrahydrobenzothienopyrimidines. Bioorganic and Medicinal Chemistry, 2010, 18, 2880-2886.   | 3.0  | 36        |
| 72 | Highly competent, non-exhausted CD8+ T cells continue to tightly control pathogen load throughout chronic Trypanosoma cruzi infection. PLoS Pathogens, 2018, 14, e1007410.   | 4.7  | 36        |

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|----|---|------|-----------|
| 73 | Evaluation of high efficiency gene knockout strategies for <i>Trypanosoma cruzi</i> . <i>BMC Microbiology</i> , 2009, 9, 90.  | 3.3  | 35        |
| 74 | Potential new clinical therapies for Chagas disease. <i>Expert Review of Clinical Pharmacology</i> , 2014, 7, 317-325.  | 3.1  | 35        |
| 75 | Oral Exposure to <i>Trypanosoma cruzi</i> Elicits a Systemic CD8 <sup>+</sup> T Cell Response and Protection against Heterotopic Challenge. <i>Infection and Immunity</i> , 2011, 79, 3397-3406.  | 2.2  | 33        |
| 76 | Reaching for the Holy Grail: insights from infection/cure models on the prospects for vaccines for <i>Trypanosoma cruzi</i> infection. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 445-451.  | 1.6  | 33        |
| 77 | Proteins with Glycosylphosphatidylinositol (GPI) Signal Sequences Have Divergent Fates during a GPI Deficiency. <i>Journal of Biological Chemistry</i> , 1997, 272, 12482-12491.  | 3.4  | 32        |
| 78 | Treatment Success in <i>Trypanosoma cruzi</i> Infection Is Predicted by Early Changes in Serially Monitored Parasite-Specific T and B Cell Responses. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004657.   | 3.0  | 32        |
| 79 | Methodological advances in drug discovery for Chagas disease. <i>Expert Opinion on Drug Discovery</i> , 2011, 6, 653-661.   | 5.0  | 31        |
| 80 | Evidence for the role of vacuolar soluble pyrophosphatase and inorganic polyphosphate in <i>Trypanosoma cruzi</i> persistence. <i>Molecular Microbiology</i> , 2013, 90, 699-715.   | 2.5  | 31        |
| 81 | Recombination-driven generation of the largest pathogen repository of antigen variants in the protozoan <i>Trypanosoma cruzi</i> . <i>BMC Genomics</i> , 2016, 17, 729.   | 2.8  | 31        |
| 82 | A modified drug regimen clears active and dormant trypanosomes in mouse models of Chagas disease. <i>Science Translational Medicine</i> , 2020, 12, .   | 12.4 | 31        |
| 83 | Regulation of immunity in <i>Trypanosoma cruzi</i> infection. <i>Experimental Parasitology</i> , 1991, 73, 106-109.   | 1.2  | 30        |
| 84 | The identification and molecular characterization of <i>Trypanosoma cruzi</i> amastigote surface protein-1, a member of the trans-sialidase gene super-family1Note: Nucleotide sequence data reported in this paper is available in the GenBank data base under the Accession no. U74494.1. <i>Molecular and Biochemical Parasitology</i> , 1997, 86, 1-11. | 1.1  | 29        |
| 85 | Measurement of parasite-specific immune responses in vitro: evidence for suppression of the antibody response to <i>Trypanosoma cruzi</i> . <i>European Journal of Immunology</i> , 1985, 15, 845-850.  | 2.9  | 28        |
| 86 | Is Chagas Disease Really the "New HIV/AIDS of the Americas"? <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1861.  | 3.0  | 26        |
| 87 | Parasite genomics: current status and future prospects. <i>Current Opinion in Immunology</i> , 2001, 13, 395-402.   | 5.5  | 25        |
| 88 | Perturbed T Cell IL-7 Receptor Signaling in Chronic Chagas Disease. <i>Journal of Immunology</i> , 2015, 194, 3883-3889.  | 0.8  | 24        |
| 89 | <i>Trypanosoma cruzi</i> infection suppresses nuclear factors that bind to specific sites on the interleukin. <i>European Journal of Immunology</i> , 1994, 24, 16-23.  | 2.9  | 23        |
| 90 | A semi-quantitative GeLC-MS analysis of temporal proteome expression in the emerging nosocomial pathogen <i>Ochrobactrum anthropi</i> . <i>Genome Biology</i> , 2007, 8, R110.  | 9.6  | 23        |

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|-----|--|-----|-----------|
| 91  | Multidimensional analysis of the insoluble sub-proteome of <i>Oceanobacillus iheyensis</i> HTE831, an alkaliphilic and halotolerant deep-sea bacterium isolated from the Iheya ridge. <i>Proteomics</i> , 2007, 7, 82-91.  | 2.2 | 23        |
| 92  | A framework for ontology-based question answering with application to parasite immunology. <i>Journal of Biomedical Semantics</i> , 2015, 6, 31.   | 1.6 | 23        |
| 93  | <i>Trypanosoma cruzi</i> : Effect on B-cell-responsive and -responding clones. <i>Experimental Parasitology</i> , 1981, 51, 257-268.   | 1.2 | 22        |
| 94  | Distinct Treatment Outcomes of Antiparasitic Therapy in <i>Trypanosoma cruzi</i> -Infected Children Is Associated With Early Changes in Cytokines, Chemokines, and T-Cell Phenotypes. <i>Frontiers in Immunology</i> , 2018, 9, 1958.                                    | 4.8 | 22        |
| 95  | New approaches in vaccine development for parasitic infections. <i>Cellular Microbiology</i> , 2005, 7, 1379-1386.   | 2.1 | 21        |
| 96  | Analysis of the <i>Trypanosoma cruzi</i> cyclophilin gene family and identification of Cyclosporin A binding proteins. <i>Parasitology</i> , 2006, 132, 867-882.   | 1.5 | 21        |
| 97  | Chagas Disease: A Solvable Problem, Ignored. <i>Trends in Molecular Medicine</i> , 2016, 22, 835-838.  | 6.7 | 21        |
| 98  | Proteomic analysis of the <i>Trypanosoma cruzi</i> ribosomal proteins. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 30-34.  | 2.1 | 20        |
| 99  | Knockout of the <i>dhfr-ts</i> Gene in <i>Trypanosoma cruzi</i> Generates Attenuated Parasites Able to Confer Protection against a Virulent Challenge. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1418.   | 3.0 | 20        |
| 100 | New Scheme of Intermittent Benznidazole Administration in Patients Chronically Infected with <i>Trypanosoma cruzi</i> : Clinical, Parasitological, and Serological Assessment after Three Years of Follow-Up. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, . | 3.2 | 20        |
| 101 | <i>Trypanosomes</i> and <i>Microfilariae</i> in Feral Owl and Squirrel Monkeys Maintained in Research Colonies. <i>American Journal of Tropical Medicine and Hygiene</i> , 1993, 49, 254-259.  | 1.4 | 17        |
| 102 | <i>Trypanosoma cruzi</i> -specific immune responses in subjects from endemic areas of Chagas disease of Argentina. <i>Microbes and Infection</i> , 2010, 12, 359-363.  | 1.9 | 16        |
| 103 | A new liquid chromatography/tandem mass spectrometric approach for the identification of class I major histocompatibility complex associated peptides that eliminates the need for bioassays. , 1999, 13, 1024-1030.   |     | 15        |
| 104 | Generation of <i>Trypanosoma cruzi</i> -Specific CD8 <sup>+</sup> T-Cell Immunity Is Unaffected by the Absence of Type I Interferon Signaling. <i>Infection and Immunity</i> , 2010, 78, 3154-3159.  | 2.2 | 15        |
| 105 | Chemokine receptor 7 (CCR7)-expression and IFN $\gamma$ production define vaccine-specific canine T-cell subsets. <i>Veterinary Immunology and Immunopathology</i> , 2015, 164, 127-136.   | 1.2 | 15        |
| 106 | A Monoclonal Antibody to Alpha Tubulin Recognizes Host Cell and <i>Trypanosoma cruzi</i> Tubulins. <i>Journal of Protozoology</i> , 1988, 35, 123-129.   | 0.8 | 14        |
| 107 | Initial induction of immunity, followed by suppression of responses to parasite antigens during <i>Trypanosoma cruzi</i> infection of mice. <i>Parasite Immunology</i> , 1987, 9, 579-589.   | 1.5 | 13        |
| 108 | In vitro Culture of Cardiac Mast Cells from Mice Experimentally Infected with <i>Trypanosoma cruzi</i> . <i>International Archives of Allergy and Immunology</i> , 1994, 105, 251-257.   | 2.1 | 13        |

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| 109 | A Combined Shotgun and Multidimensional Proteomic Analysis of the Insoluble Subproteome of the Obligate Thermophile, <i>Geobacillus thermoleovorans</i> T80. <i>Journal of Proteome Research</i> , 2006, 5, 2465-2473.                          | 3.7  | 13        |
| 110 | Multidimensional Proteomic Analysis of the Soluble Subproteome of the Emerging Nosocomial Pathogen <i>Ochrobactrum anthropi</i> . <i>Journal of Proteome Research</i> , 2006, 5, 3145-3153.   | 3.7  | 13        |
| 111 | Transgenic parasites accelerate drug discovery. <i>Trends in Parasitology</i> , 2012, 28, 90-92.  | 3.3  | 13        |
| 112 | Frequency of IFN $\gamma$ -producing T cells correlates with seroreactivity and activated T cells during canine <i>Trypanosoma cruzi</i> infection. <i>Veterinary Research</i> , 2014, 45, 6.   | 3.0  | 13        |
| 113 | TcruziDB: an integrated <i>Trypanosoma cruzi</i> genome resource. <i>Nucleic Acids Research</i> , 2004, 32, 344D-346.   | 14.5 | 12        |
| 114 | Long-Term Immunity to <i>Trypanosoma cruzi</i> in the Absence of Immunodominant <i>trans</i> -Sialidase-Specific CD8 <sup>+</sup> T Cells. <i>Infection and Immunity</i> , 2016, 84, 2627-2638.   | 2.2  | 12        |
| 115 | High variation in immune responses and parasite phenotypes in naturally acquired <i>Trypanosoma cruzi</i> infection in a captive non-human primate breeding colony in Texas, USA. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009141. | 3.0  | 12        |
| 116 | The Significance of Discordant Serology in Chagas Disease: Enhanced T-Cell Immunity to <i>Trypanosoma cruzi</i> in Serodiscordant Subjects. <i>Frontiers in Immunology</i> , 2017, 8, 1141.   | 4.8  | 11        |
| 117 | Chagas Disease Drug Discovery: Multiparametric Lead Optimization against <i>Trypanosoma cruzi</i> in Acylaminobenzothiazole Series. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 10362-10375.  | 6.4  | 11        |
| 118 | Measurement of parasite-specific antibody responses using a tritiated avidin-solid phase radioimmunoassay. <i>Journal of Immunological Methods</i> , 1983, 60, 213-220.   | 1.4  | 9         |
| 119 | Report of the 2nd Chagas Drug Discovery Consortium meeting, held on 3 November 2010; Atlanta GA, USA. <i>Expert Opinion on Drug Discovery</i> , 2011, 6, 965-973.   | 5.0  | 9         |
| 120 | Ontology-Driven Provenance Management in eScience: An Application in Parasite Research. <i>Lecture Notes in Computer Science</i> , 2009, , 992-1009.  | 1.3  | 9         |
| 121 | Diagnosis of Chagas' Disease in Humans Using a Biotin-3H-Avidin Radioimmunoassay *. <i>American Journal of Tropical Medicine and Hygiene</i> , 1984, 33, 34-40.   | 1.4  | 8         |
| 122 | Biology of tegument associated IgG-Fc and C3 receptors in <i>Schistosoma mansoni</i> . <i>Journal of Chemical Ecology</i> , 1986, 12, 1833-1841.  | 1.8  | 6         |
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