

# Marcia Attias

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,750  
citations

236833

25  
h-index

289141

40  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2049  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Ultrastructural and Biochemical Alterations Induced by 22,26-Azasterol, a 24(25)-Sterol Methyltransferase Inhibitor, on Promastigote and Amastigote Forms of <i>Leishmania amazonensis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 487-499.  | 1.4 | 115       |
| 2  | <i>Trypanosoma cruzi</i> epimastigote endocytic pathway: cargo enters the cytostome and passes through an early endosomal network before storage in reservosomes. <i>European Journal of Cell Biology</i> , 2000, 79, 858-869.  | 1.6 | 114       |
| 3  | The life-cycle of <i>Toxoplasma gondii</i> reviewed using animations. <i>Parasites and Vectors</i> , 2020, 13, 588.   | 1.0 | 109       |
| 4  | Particularities of mitochondrial structure in parasitic protists (Apicomplexa and Kinetoplastida). <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 2069-2080.   | 1.2 | 86        |
| 5  | Evolutionary Insights from Bat Trypanosomes: Morphological, Developmental and Phylogenetic Evidence of a New Species, <i>Trypanosoma (Schizotrypanum) erneyi</i> sp. nov., in African Bats Closely Related to <i>Trypanosoma (Schizotrypanum) cruzi</i> and Allied Species. <i>Protist</i> , 2012, 163, 856-872.  | 0.6 | 85        |
| 6  | The Peripheral Vesicles of Trophozoites of the Primitive Protozoan <i>Giardia lamblia</i> May Correspond to Early and Late Endosomes and to Lysosomes. <i>Journal of Structural Biology</i> , 1998, 123, 225-235.   | 1.3 | 83        |
| 7  | A Contiguous Compartment Functions as Endoplasmic Reticulum and Endosome/Lysosome in <i>Giardia lamblia</i> . <i>Eukaryotic Cell</i> , 2009, 8, 1665-1676.  | 3.4 | 73        |
| 8  | Dynamics and 3D organization of secretory organelles of <i>Toxoplasma gondii</i> . <i>Journal of Structural Biology</i> , 2012, 177, 420-430.   | 1.3 | 65        |
| 9  | <i>Trypanosoma livingstonei</i> : a new species from African bats supports the bat seeding hypothesis for the <i>Trypanosoma cruzi</i> clade. <i>Parasites and Vectors</i> , 2013, 6, 221.  | 1.0 | 61        |
| 10 | Intravacuolar network may act as a mechanical support for <i>Toxoplasma gondii</i> inside the parasitophorous vacuole. <i>Microscopy Research and Technique</i> , 2005, 67, 45-52.  | 1.2 | 53        |
| 11 | On the pro-oxidant effects of haemozoin. <i>FEBS Letters</i> , 2002, 512, 139-144.  | 1.3 | 50        |
| 12 | Three dimensional reconstruction by electron microscopy in the life sciences: An introduction for cell and tissue biologists. <i>Molecular Reproduction and Development</i> , 2015, 82, 530-547.  | 1.0 | 49        |
| 13 | Interrelations between the Parasitophorous Vacuole of <i>Toxoplasma gondii</i> and Host Cell Organelles. <i>Microscopy and Microanalysis</i> , 2005, 11, 166-174.   | 0.2 | 41        |
| 14 | Identification of new palmitoylated proteins in <i>Toxoplasma gondii</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 400-408.  | 1.1 | 41        |
| 15 | Phylogenetic Analyses Based on Small Subunit rRNA and Glycosomal Glyceraldehyde-3-Phosphate Dehydrogenase Genes and Ultrastructural Characterization of Two Snake Trypanosomes: <i>Trypanosoma serpentis</i> n. sp. from <i>Pseudoboa nigra</i> and <i>Trypanosoma cascavelli</i> from <i>Crotalus durissus terrificus</i> . <i>Journal of Eukaryotic Microbiology</i> , 2009, 56, 594-602. | 0.8 | 39        |
| 16 | Axenic Cultivation of Trypanosomatids Found in Corn ( <i>Zea mays</i> ) and in Phytophagous Hemipterans ( <i>Leptoglossus zonatus</i> Coreidae) and Their Experimental Transmission. <i>Journal of Eukaryotic Microbiology</i> , 1993, 40, 576-581.   | 0.8 | 38        |
| 17 | Megasome biogenesis in <i>Leishmania amazonensis</i> : a morphometric and cytochemical study. <i>Parasitology Research</i> , 2001, 87, 89-97.   | 0.6 | 38        |
| 18 | Calcium ionophore-induced egress of <i>Toxoplasma gondii</i> shortly after host cell invasion. <i>Veterinary Parasitology</i> , 2007, 147, 210-220.   | 0.7 | 37        |

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|----|--|-----|-----------|
| 19 | The flagellar attachment zone of <i>Trypanosoma cruzi</i> epimastigote forms. <i>Journal of Structural Biology</i> , 2006, 154, 89-99.   | 1.3 | 35        |
| 20 | Computer Aided Three-dimensional Reconstruction of the Free living Protozoan <i>Bodo</i> sp. (Kinetoplastida: Bodonidae).. <i>Cell Structure and Function</i> , 1996, 21, 297-306.   | 0.5 | 32        |
| 21 | Dynamics of polymorphism of acidocalcisomes in <i>Leishmania</i> parasites. <i>Histochemistry and Cell Biology</i> , 2004, 121, 407-418.   | 0.8 | 32        |
| 22 | New views of the <i>Toxoplasma gondii</i> parasitophorous vacuole as revealed by Helium Ion Microscopy (HIM). <i>Journal of Structural Biology</i> , 2015, 191, 76-85.   | 1.3 | 31        |
| 23 | Ultrastructural and Biochemical Characterization of Promastigote and Cystic Forms of <i>Leptomonas wallacei</i> N. Sp. Isolated from the Intestine of its Natural Host <i>Oncopeltus fasciatus</i> (Hemiptera: Tj ETQq1 1 0.7843048 BT / Overlock 10 | 0.8 | 30        |
| 24 | Biological Characterization and Next-Generation Genome Sequencing of the Unclassified <i>Cotia</i> Virus SPAn232 (Poxviridae). <i>Journal of Virology</i> , 2012, 86, 5039-5054.   | 1.5 | 30        |
| 25 | New advances in scanning microscopy and its application to study parasitic protozoa. <i>Experimental Parasitology</i> , 2018, 190, 10-33.  | 0.5 | 29        |
| 26 | Axenic Cultivation and Ultrastructural Study of a <i>Phytomonas</i> sp. Isolated from the Milkweed Plant <i>Euphorbia hyssopifolia</i> L. <i>Journal of Protozoology</i> , 1986, 33, 84-87.  | 0.9 | 28        |
| 27 | <i>Toxoplasma gondii</i> Mechanisms of Entry Into Host Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 294.   | 1.8 | 23        |
| 28 | Spontaneous cystogenesis in vitro of a Brazilian strain of <i>Toxoplasma gondii</i> . <i>Parasitology International</i> , 2013, 62, 181-188.   | 0.6 | 22        |
| 29 | Strategies and results of field emission scanning electron microscopy (FE-SEM) in the study of parasitic protozoa. <i>Micron</i> , 2008, 39, 77-87.  | 1.1 | 21        |
| 30 | Microscopic analysis of calcium ionophore activated egress of <i>Toxoplasma gondii</i> from the host cell. <i>Veterinary Parasitology</i> , 2010, 167, 8-18.   | 0.7 | 21        |
| 31 | Cidofovir Inhibits Genome Encapsidation and Affects Morphogenesis during the Replication of <i>Vaccinia</i> Virus. <i>Journal of Virology</i> , 2009, 83, 11477-11490.   | 1.5 | 19        |
| 32 | Dynamamin inhibitor impairs <i>Toxoplasma gondii</i> invasion. <i>FEMS Microbiology Letters</i> , 2009, 301, 103-108.  | 0.7 | 18        |
| 33 | Platelet-Activating Factor Modulates a Secreted Phosphatase Activity of the Trypanosomatid Parasite <i>Herpetomonas muscarum</i> . <i>Current Microbiology</i> , 2001, 43, 288-292.  | 1.0 | 15        |
| 34 | The effect of kinase, actin, myosin and dynamamin inhibitors on host cell egress by <i>Toxoplasma gondii</i> . <i>Parasitology International</i> , 2013, 62, 475-482.  | 0.6 | 15        |
| 35 | Azasterols impair <i>Giardia lamblia</i> proliferation and induces encystation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 310-316.   | 1.0 | 14        |
| 36 | A structural analysis of the natural egress of <i>Toxoplasma gondii</i> . <i>Microbes and Infection</i> , 2018, 20, 57-62.   | 1.0 | 14        |

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|----|--|-----|-----------|
| 37 | Superparamagnetic iron oxide nanoparticles as a tool to track mouse neural stem cells in vivo. <i>Molecular Biology Reports</i> , 2019, 46, 191-198.   | 1.0 | 14        |
| 38 | Developmental and Ultrastructural Characterization and Phylogenetic Analysis of <i>Trypanosoma herthameyeri</i> n. sp. of Brazilian Leptodactilydae Frogs. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 610-622.  | 0.8 | 13        |
| 39 | Interaction of <i>Leptomonas wallacei</i> with the intestinal tract of its natural host <i>Oncopeltus fasciatus</i> (Hemiptera: Lygaeidae). <i>Journal of Invertebrate Pathology</i> , 2003, 82, 41-49.  | 1.5 | 12        |
| 40 | Transovum Transmission of Trypanosomatid Cysts in the Milkweed Bug, <i>Oncopeltus fasciatus</i> . <i>PLoS ONE</i> , 2014, 9, e108746.  | 1.1 | 12        |
| 41 | Comparative analysis of megasomes in members of the <i>Leishmania mexicana</i> complex. <i>Research in Microbiology</i> , 2007, 158, 456-462.  | 1.0 | 10        |
| 42 | Development and fate of the residual body of <i>Toxoplasma gondii</i> . <i>Experimental Parasitology</i> , 2019, 196, 1-11.  | 0.5 | 10        |
| 43 | <i>Leptomonas wallacei</i> Shows Distinct Morphology and Surface Carbohydrates Composition Along the Intestinal Tract of Its Host <i>Oncopeltus fasciatus</i> (Hemiptera: Lygaeidae) and in Axenic Culture. <i>Journal of Eukaryotic Microbiology</i> , 2003, 50, 409-416. | 0.8 | 7         |
| 44 | <i>Phytomonas</i> (Euglenozoa: Trypanosomatidae): Phylogenetic analyses support infrageneric lineages and a new species transmitted to Solanaceae fruits by a pentatomid hemipteran. <i>European Journal of Protistology</i> , 2016, 56, 232-249.                          | 0.5 | 7         |
| 45 | Three-dimensional reconstruction of glycosomes in trypanosomatids of the genus <i>Phytomonas</i> . <i>Tissue and Cell</i> , 1995, 27, 39-45.   | 1.0 | 6         |
| 46 | Group B <i>Streptococcus</i> induces tyrosine phosphorylation of annexin V and glutathione S-transferase in human umbilical vein endothelial cells. <i>International Journal of Molecular Medicine</i> , 2009, 24, 393-9.  | 1.8 | 6         |
| 47 | Disruption of Lipid Rafts Interferes with the Interaction of <i>Toxoplasma gondii</i> with Macrophages and Epithelial Cells. <i>BioMed Research International</i> , 2014, 2014, 1-9.   | 0.9 | 6         |
| 48 | Morphological and biochemical repercussions of <i>Toxoplasma gondii</i> infection in a 3D human brain neurospheres model. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2021, 11, 100190.  | 1.3 | 6         |
| 49 | Cell biology of <i>Phytomonas</i> , Trypanosomatids parasites of plants. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1991, 86, 275-284.  | 0.8 | 6         |
| 50 | Effect of <i>Urtica dioica</i> agglutinin and <i>Arabidopsis thaliana</i> Chia4 chitinase on the protozoan <i>Phytomonas</i> <i>francoisii</i> . <i>FEMS Microbiology Letters</i> , 2003, 226, 1-7.  | 0.7 | 5         |
| 51 | Brazilian contribution for a better knowledge on the biology of <i>Toxoplasma gondii</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 149-154.   | 0.8 | 5         |
| 52 | The cell surface charge of <i>Bodo</i> sp. (Kinetoplastida: Bodonidae). <i>European Journal of Protistology</i> , 1993, 29, 32-37.   | 0.5 | 4         |
| 53 | Monitoring of dynamin during the <i>Toxoplasma gondii</i> cell cycle. <i>Pathogens and Disease</i> , 2016, 74, ftw108.   | 0.8 | 4         |
| 54 | A Simple and Efficient Method to Observe Internal Structures of Helminths by Scanning Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2013, 19, 1470-1474.  | 0.2 | 3         |

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|----|---|-----|-----------|
| 55 | A freeze-fracture study of isolates of the genus <i>Phytomonas</i> . <i>Parasitology Research</i> , 1992, 78, 363-367.  | 0.6 | 2         |
| 56 | <i>Veneza zonata</i> (Hemiptera: Coreidae)/Trypanosomatid Relationship: Action of Hemolymph in Vitro and Experimental Infection. <i>Journal of Invertebrate Pathology</i> , 2001, 77, 158-164.  | 1.5 | 2         |
| 57 | Subpellicular Microtubules in Apicomplexa and Trypanosomatids. <i>Microbiology Monographs</i> , 2010, , 27-62.  | 0.3 | 2         |
| 58 | Freeze-fracture study of <i>Bodo</i> sp. (Kinetoplastida: Bodonidae). <i>Microscopy Research and Technique</i> , 1995, 30, 246-251.   | 1.2 | 1         |
| 59 | <i>Spina cortica</i> and <i>Tapetum spinosus</i> , two new microstructures of flight feathers: Description, function and distribution in modern birds. <i>Journal of Structural Biology</i> , 2008, 162, 301-311.                               | 1.3 | 1         |
| 60 | <i>Toxoplasma gondii</i> Inside LLCMK2 Cells. A Study by Field Emission Scanning and Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2003, 9, 232-233.  | 0.2 | 0         |
| 61 | Evolution and Fate of the Residual Body of <i>Toxoplasma gondii</i> revealed by FIB-SEM series. <i>Microscopy and Microanalysis</i> , 2017, 23, 1246-1247.  | 0.2 | 0         |
| 62 | Remarkable kinetoplast, cytostome-cytopharynx complex, and storage-related structures as dissected by three-dimensional reconstruction of <i>Trypanosoma</i> sp. 858 isolated from a toad (Amphibia: Anura). <i>Micron</i> , 2022, 152, 103180. | 1.1 | 0         |