# Vyacheslav Yurchenko

List of Publications by Year
in descending order



| 141 | 5,691 | 66234 | 95083 |
|---|---|---|---|
| papers | citations | 42 h-index | 68 g-index |

| 146 | 146 | 146 | 4810 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | PHD Domain-Mediated E3 Ligase Activity Directs Intramolecular Sumoylation of an Adjacent Bromodomain Required for Gene Silencing. Molecular Cell, 2007, 28, 823-837. | 4.5 | 355 |
| 2 | Active Site Residues of Cyclophilin A Are Crucial for Its Signaling Activity via CD147. Journal of Biological Chemistry, 2002, 277, 22959-22965. | 1.6 | 283 |
| 3 | CD147 facilitates HIV-1 infection by interacting with virus-associated cyclophilin A. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 6360-6365. | 3.3 | 253 |
| 4 | Evolution of parasitism in kinetoplastid flagellates. Molecular and Biochemical Parasitology, 2014, 195, 115-122. | 0.5 | 200 |
| 5 | Cyclophilinâ€“CD147 interactions: a new target for anti-inflammatory therapeutics. Clinical and Experimental Immunology, 2010, 160, 305-317. | 1.1 | 195 |
| 6 | Diversity and phylogeny of insect trypanosomatids: all that is hidden shall be revealed. Trends in Parasitology, 2013, 29, 43-52. | 1.5 | 173 |
| 7 | Dealing with the family: CD147 interactions with cyclophilins. Immunology, 2006, 117, 301-309. | 2.0 | 164 |
| 8 | CD147 Is a Signaling Receptor for Cyclophilin B. Biochemical and Biophysical Research Communications, 2001, 288, 786-788. | 1.0 | 129 |
| 9 | Trypanosomatids Are Much More than Just Trypanosomes: Clues from the Expanded Family Tree. Trends in Parasitology, 2018, 34, 466-480. | 1.5 | 127 |
| 10 | Recent advances in trypanosomatid research: genome organization, expression, metabolism, taxonomy and evolution. Parasitology, 2019, 146, 1-27. | 0.7 | 121 |
| 11 | SUMO Modification of Human XRCC4 Regulates Its Localization and Function in DNA Double-Strand Break Repair. Molecular and Cellular Biology, 2006, 26, 1786-1794. | 1.1 | 104 |
| 12 | Euglenozoa: taxonomy, diversity and ecology, symbioses and viruses. Open Biology, 2021, 11, 200407. | 1.5 | 102 |
| 13 | Leptomonas seymouri: Adaptations to the Dixenous Life Cycle Analyzed by Genome Sequencing, Transcriptome Profiling and Co-infection with Leishmania donovani. PLoS Pathogens, 2015, 11, e1005127. | 2.1 | 96 |
| 14 | An Unprecedented Non-canonical Nuclear Genetic Code with All Three Termination Codons Reassigned as Sense Codons. Current Biology, 2016, 26, 2364-2369. | 1.8 | 92 |
| 15 | Comparative Metabolism of Freeâ€living Bodo saltans and Parasitic Trypanosomatids. Journal of Eukaryotic Microbiology, 2016, 63, 657-678. | 0.8 | 86 |
| 16 | New Approaches to Systematics of Trypanosomatidae: Criteria for Taxonomic (Re)description. Trends in Parasitology, 2015, 31, 460-469. | 1.5 | 79 |
| 17 | The RAG1 N-terminal domain is an E3 ubiquitin ligase. Genes and Development, 2003, 17, 581-585. | 2.7 | 77 |
| 18 | Exploring the environmental diversity of kinetoplastid flagellates in the high-throughput DNA sequencing era. Memorias Do Instituto Oswaldo Cruz, 2015, 110, 956-965. | 0.8 | 75 |

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| 19 | Viral discovery and diversity in trypanosomatid protozoa with a focus on relatives of the human parasite Leishmania. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E506-E515. | 3.3 | 75 |
| 20 | Genome of Leptomonas pyrrhocoris: a high-quality reference for monoxenous trypanosomatids and new insights into evolution of Leishmania. Scientific Reports, 2016, 6, 23704. | 1.6 | 74 |
| 21 | Lexis and Grammar of Mitochondrial RNA Processing in Trypanosomes. Trends in Parasitology, 2020, 36, 337-355. | 1.5 | 71 |
| 22 | Cell Surface Expression of CD147/EMMPRIN Is Regulated by Cyclophilin 60. Journal of Biological Chemistry, 2005, 280, 27866-27871. | 1.6 | 66 |
| 23 | Solution Characterization of the Extracellular Region of CD147 and Its Interaction with Its Enzyme Ligand Cyclophilin A. Journal of Molecular Biology, 2009, 391, 518-535. | 2.0 | 66 |
| 24 | Diversity and Phylogeny of Insect Trypanosomatids Based on Small Subunit rRNA Genes: Polyphyly of Leptomonas and Blastocrithidia. Journal of Eukaryotic Microbiology, 2001, 48, 161-169. | 0.8 | 64 |
| 25 | Novel Trypanosomatid-Bacterium Association: Evolution of Endosymbiosis in Action. MBio, 2016, 7, e01985. | 1.8 | 64 |
| 26 | Kentomonas gen. n., a New Genus of Endosymbiont-containing Trypanosomatids of Strigomonadinae subfam. n.. Protist, 2014, 165, 825-838. | 0.6 | 63 |
| 27 | Leptomonas costaricensis sp. n. (Kinetoplastea: Trypanosomatidae), a member of the novel phylogenetic group of insect trypanosomatids closely related to the genus Leishmania. Parasitology, 2006, 133, 537. | 0.7 | 62 |
| 28 | Diversity of Trypanosomatids (Kinetoplastea: Trypanosomatidae) Parasitizing Fleas (Insecta:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T | 0.6 | 61 |
| 29 | Regulation of CD147 Cell Surface Expression. Journal of Biological Chemistry, 2005, 280, 17013-17019. | 1.6 | 60 |
| 30 | Probing into the diversity of trypanosomatid flagellates parasitizing insect hosts in South-West China reveals both endemism and global dispersal. Molecular Phylogenetics and Evolution, 2010, 54, 243-253. | 1.2 | 60 |
| 31 | Characterization of the ternary complex between Rab7, REP-1 and Rab geranylgeranyl transferase. FEBS Journal, 1999, 265, 160-170. | 0.2 | 58 |
| 32 | New <scp>S</scp>pecies of <scp>I</scp>nsect <scp>T</scp>rypanosomatids from <scp>C</scp>osta <scp>R</scp>ica and the <scp>P</scp>roposal for a <scp>N</scp>ew <scp>S</scp>ubfamily within the <scp>T</scp>rypanosomatidae. Journal of Eukaryotic Microbiology, 2012, 59, 537-547. | 0.8 | 57 |
| 33 | Extensive flagellar remodeling during the complex life cycle of Paratrypanosoma , an early-branching trypanosomatid. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11757-11762. | 3.3 | 57 |
| 34 | Two New Species of Trypanosomatid Parasites Isolated from Heteroptera in Costa Rica. Journal of Eukaryotic Microbiology, 2010, 57, 177-188. | 0.8 | 53 |
| 35 | Influenza virus infection causes global RNAPII termination defects. Nature Structural and Molecular Biology, 2018, 25, 885-893. | 3.6 | 48 |
| 36 | An Integrated Morphological and Molecular Approach to a New Species Description in the Trypanosomatidae: the Case of Leptomonas podlipaevi n. sp., a Parasite of Boisea rubrolineata (Hemiptera: Rhopalidae). Journal of Eukaryotic Microbiology, 2006, 53, 103-111. | 0.8 | 47 |

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| 37 | Selective recovery of the cultivation-prone components from mixed trypanosomatid infections: a case of several novel species isolated from Neotropical Heteroptera. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 893-909. | 0.8 | 46 |
| 38 | Molecular revision of the genus Wallaceina. Protist, 2014, 165, 594-604. | 0.6 | 45 |
| 39 | Ultrastructure and molecular phylogeny of four new species of monoxenous trypanosomatids from flies (Diptera: Brachycera) with redefinition of the genus Wallaceina. Folia Parasitologica, 2014, 61, 97-112. | 0.7 | 45 |
| 40 | Revised classification of the subfamily Leishmaniinae (Trypanosomatidae). Folia Parasitologica, 2017, 64, . | 0.7 | 45 |
| 41 | Cosmopolitan Distribution of a Trypanosomatid Leptomonas pyrrhocoris. Protist, 2012, 163, 616-631. | 0.6 | 44 |
| 42 | Distribution of apple and blackcurrant microbiota in Lithuania and the Czech Republic. Microbiological Research, 2018, 206, 1-8. | 2.5 | 44 |
| 43 | Morphological Discordance of the New Trypanosomatid Species Phylogenetically Associated with the Genus Crithidia. Protist, 2008, 159, 99-114. | 0.6 | 43 |
| 44 | Reisolation and redescription of Balantidium duodeni Stein, 1867 (Litostomatea, Trichostomatia). Parasitology Research, 2014, 113, 4207-4215. | 0.6 | 43 |
| 45 | Catalase in Leishmaniinae: With me or against me?. Infection, Genetics and Evolution, 2017, 50, 121-127. | 1.0 | 38 |
| 46 | Diversity of Trypanosomatids in Cockroaches and the Description of Herpetomonas tarakana sp. n.. Journal of Eukaryotic Microbiology, 2016, 63, 198-209. | 0.8 | 37 |
| 47 | Infection Dynamics and Immune Response in a Newly Described Drosophila -Trypanosomatid Association. MBio, 2015, 6, e01356-15. | 1.8 | 36 |
| 48 | Diversity and evolution of anuran trypanosomes: insights from the study of European species. Parasites and Vectors, 2018, 11, 447. | 1.0 | 36 |
| 49 | Genome of Ca. Pandoraea novymonadis, an Endosymbiotic Bacterium of the Trypanosomatid Novymonas esmeraldas. Frontiers in Microbiology, 2017, 8, 1940. | 1.5 | 34 |
| 50 | High prevalence of trypanosome co-infections in freshwater fishes. Folia Parasitologica, 2014, 61, 495-504. | 0.7 | 33 |
| 51 | Diverse roles of RAD18 and Y-family DNA polymerases in tumorigenesis. Cell Cycle, 2018, 17, 833-843. | 1.3 | 32 |
| 52 | DNA polymerase Î· mutational signatures are found in a variety of different types of cancer. Cell Cycle, 2018, 17, 348-355. | 1.3 | 32 |
| 53 | Molecular mechanisms of thermal resistance of the insect trypanosomatid Crithidia thermophila. PLoS ONE, 2017, 12, e0174165. | 1.1 | 31 |
| 54 | Farming, slaving and enslavement: histories of endosymbioses during kinetoplastid evolution. Parasitology, 2018, 145, 1311-1323. | 0.7 | 31 |

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| 55 | Causes and Effects of Loss of Classical Nonhomologous End Joining Pathway in Parasitic Eukaryotes. MBio, 2019, 10, . | 1.8 | 31 |
| 56 | RuBisCO in Non-Photosynthetic Alga Euglena longa: Divergent Features, Transcriptomic Analysis and Regulation of Complex Formation. PLoS ONE, 2016, 11, e0158790. | 1.1 | 31 |
| 57 | Phylogenetic analysis of Trypanosomatina (Protozoa: Kinetoplastida) based on minicircle conserved regions. Folia Parasitologica, 2000, 47, 1-5. | 0.7 | 31 |
| 58 | Trypanosomatid mitochondrial RNA editing: dramatically complex transcript repertoires revealed with a dedicated mapping tool. Nucleic Acids Research, 2018, 46, 765-781. | 6.5 | 30 |
| 59 | CD147 stimulates HIV-1 infection in a signal-independent fashion. Biochemical and Biophysical Research Communications, 2007, 363, 495-499. | 1.0 | 29 |
| 60 | Tetracycline-inducible gene expression system in Leishmania mexicana. Molecular and Biochemical Parasitology, 2014, 198, 11-13. | 0.5 | 29 |
| 61 | Development of Monoxenous Trypanosomatids and Phytomonads in Insects. Trends in Parasitology, 2021, 37, 538-551. | 1.5 | 29 |
| 62 | Host-specificity of Monoxenous Trypanosomatids: Statistical Analysis of the Distribution and Transmission Patterns of the Parasites from Neotropical Heteroptera. Protist, 2015, 166, 551-568. | 0.6 | 28 |
| 63 | Reductionist Pathways for Parasitism in Euglenozoans? Expanded Datasets Provide New Insights. Trends in Parasitology, 2021, 37, 100-116. | 1.5 | 28 |
| 64 | Comparative genomics of Leishmania (Mundinia). BMC Genomics, 2019, 20, 726. | 1.2 | 27 |
| 65 | CRISPR/Cas9 in Leishmania mexicana: A case study of LmxBTN1. PLoS ONE, 2018, 13, e0192723. | 1.1 | 27 |
| 66 | Ultrastructure and molecular phylogeny of four new species of monoxenous trypanosomatids from flies (Diptera: Brachycera) with redefinition of the genus Wallaceina. Folia Parasitologica, 2014, 61, 97-112. | 0.7 | 25 |
| 67 | RNA viruses in trypanosomatid parasites: a historical overview. Memorias Do Instituto Oswaldo Cruz, 2018, 113, e170487. | 0.8 | 24 |
| 68 | RNA Viruses in Blechomonas (Trypanosomatidae) and Evolution of Leishmaniavirus. MBio, 2018, 9, . | 1.8 | 24 |
| 69 | Ku70 is stabilized by increased cellular SUMO. Biochemical and Biophysical Research Communications, 2008, 366, 263-268. | 1.0 | 23 |
| 70 | A small portion of plastid transcripts is polyadenylated in the flagellate Euglena gracilis. FEBS Letters, 2014, 588, 783-788. | 1.3 | 23 |
| 71 | Molecular Characterization of Leishmania RNA virus 2 in Leishmania major from Uzbekistan. Genes, 2019, 10, 830. | 1.0 | 23 |
| 72 | Life cycle of Blastocrithidia papi sp. n. (Kinetoplastea, Trypanosomatidae) in Pyrrhocoris apterus (Hemiptera, Pyrrhocoridae). European Journal of Protistology, 2017, 57, 85-98. | 0.5 | 20 |

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| 73 | Different Metabolic Pathways Are Involved in Response of Saccharomyces cerevisiae to L-A and M Viruses. Toxins, 2017, 9, 233. | 1.5 | 20 |
| 74 | The reduced genome of Candidatus Kinetoplastibacterium sorsogonicusi, the endosymbiont of Kentomonas sorsogonicus (Trypanosomatidae): loss of the haem-synthesis pathway. Parasitology, 2018, 145, 1287-1293. | 0.7 | 20 |
| 75 | Back to monoxeny: Phytomonas nordicus descended from dixenous plant parasites. European Journal of Protistology, 2016, 52, 1-10. | 0.5 | 19 |
| 76 | Large-Scale Phylogenetic Analysis of Trypanosomatid Adenylate Cyclases Reveals Associations with Extracellular Lifestyle and Hostâ€“Pathogen Interplay. Genome Biology and Evolution, 2020, 12, 2403-2416. | 1.1 | 19 |
| 77 | Trypanosoma avium: Large Minicircles in the Kinetoplast DNA. Experimental Parasitology, 1999, 92, 215-218. | 0.5 | 18 |
| 78 | Common Structural Patterns in the Maxicircle Divergent Region of Trypanosomatidae. Pathogens, 2020, 9, 100. | 1.2 | 18 |
| 79 | Experimental infections and co-infections with Leishmania braziliensis and Leishmania infantum in two sand fly species, Lutzomyia migonei and Lutzomyia longipalpis. Scientific Reports, 2020, 10, 3566. | 1.6 | 18 |
| 80 | Minicircular Kinetoplast DNA of Trypanosomatidae. Molecular Biology, 2001, 35, 1-10. | 0.4 | 17 |
| 81 | Vickermania gen. nov., trypanosomatids that use two joined flagella to resist midgut peristaltic flow within the fly host. BMC Biology, 2020, 18, 187. | 1.7 | 17 |
| 82 | The First Non-LRV RNA Virus in Leishmania. Viruses, 2020, 12, 168. | 1.5 | 17 |
| 83 | A putative ATP/GTP binding protein affects Leishmania mexicana growth in insect vectors and vertebrate hosts. PLoS Neglected Tropical Diseases, 2017, 11, e0005782. | 1.3 | 16 |
| 84 | High prevalence of trypanosome co-infections in freshwater fishes. Folia Parasitologica, 2014, 61, 495-504. | 0.7 | 16 |
| 85 | High content analysis of sea buckthorn, black chokeberry, red and white currants microbiota â€“ A pilot study. Food Research International, 2018, 111, 597-606. | 2.9 | 14 |
| 86 | Differences in mitochondrial NADH dehydrogenase activities in trypanosomatids. Parasitology, 2021, 148, 1161-1170. | 0.7 | 14 |
| 87 | The Cryptic Plastid of Euglena longa Defines a New Type of Nonphotosynthetic Plastid Organelle. MSphere, 2020, 5, . | 1.3 | 14 |
| 88 | Analyses of Leishmania-LRV Co-Phylogenetic Patterns and Evolutionary Variability of Viral Proteins. Viruses, 2021, 13, 2305. | 1.5 | 14 |
| 89 | Regulation of host cell cyclin D1 byTrypanosoma cruziin myoblasts. Cell Cycle, 2008, 7, 500-503. | 1.3 | 13 |
| 90 | An enigmatic catalase of Blastocrithidia. Molecular and Biochemical Parasitology, 2019, 232, 111199. | 0.5 | 13 |

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| 91 | Catalase compromises the development of the insect and mammalian stages of TrypanosomaÂbrucei. FEBS Journal, 2020, 287, 964-977. | 2.2 | 13 |
| 92 | Development of Phytomonas lipae sp. n. (Kinetoplastea: Trypanosomatidae) in the true bug Coreus marginatus (Heteroptera: Coreidae) and insights into the evolution of life cycles in the genus Phytomonas. PLoS ONE, 2019, 14, e0214484. | 1.1 | 12 |
| 93 | LmxM.22.0250-Encoded Dual Specificity Protein/Lipid Phosphatase Impairs Leishmania mexicana Virulence In Vitro. Pathogens, 2019, 8, 241. | 1.2 | 12 |
| 94 | Insect trypanosomatids in Papua New Guinea: high endemism and diversity. International Journal for Parasitology, 2019, 49, 1075-1086. | 1.3 | 12 |
| 95 | Catalase and Ascorbate Peroxidase in Euglenozoan Protists. Pathogens, 2020, 9, 317. | 1.2 | 12 |
| 96 | Genome Analysis of Endotrypanum and Porcisia spp., Closest Phylogenetic Relatives of Leishmania, Highlights the Role of Amastins in Shaping Pathogenicity. Genes, 2021, 12, 444. | 1.0 | 12 |
| 97 | Characterization of a new cosmopolitan genus of trypanosomatid parasites, Obscuromonas gen. nov. (Blastocrithidiinae subfam. nov.). European Journal of Protistology, 2021, 79, 125778. | 0.5 | 12 |
| 98 | Host specificity, pathogenicity, and mixed infections of trypanoplasms from freshwater fishes. Parasitology Research, 2015, 114, 1071-1078. | 0.6 | 11 |
| 99 | Obligate development of Blastocrithidia papi (Trypanosomatidae) in the Malpighian tubules of Pyrrhocoris apterus (Hemiptera) and coordination of host-parasite life cycles. PLoS ONE, 2018, 13, e0204467. | 1.1 | 11 |
| 100 | T7 polymerase-driven transcription is downregulated in metacyclic promastigotes and amastigotes of Leishmania mexicana. Folia Parasitologica, 2016, 63, . | 0.7 | 11 |
| 101 | High Prevalence and Endemism of Trypanosomatids on a Small Caribbean Island. Journal of Eukaryotic Microbiology, 2019, 66, 600-607. | 0.8 | 10 |
| 102 | Endangered monoxenous trypanosomatid parasites: a lesson from island biogeography. Biodiversity and Conservation, 2020, 29, 3635-3667. | 1.2 | 10 |
| 103 | Capsid Structure of Leishmania RNA Virus 1. Journal of Virology, 2021, 95, . | 1.5 | 10 |
| 104 | Genetic diversity of Leishmania tropica: Unexpectedly complex distribution pattern. Acta Tropica, 2021, 218, 105888. | 0.9 | 10 |
| 105 | Genomics of Trypanosomatidae: Where We Stand and What Needs to Be Done?. Pathogens, 2021, 10, 1124. | 1.2 | 10 |
| 106 | Catalase impairs Leishmania mexicana development and virulence. Virulence, 2021, 12, 852-867. | 1.8 | 10 |
| 107 | A novel endosymbiont-containing trypanosomatid Phytomonas borealis sp. n. from the predatory bug Picromerus bidens (Heteroptera: Pentatomidae). Folia Parasitologica, 2020, 67, . | 0.7 | 10 |
| 108 | Functional analysis of Leishmania major cyclophilin. International Journal for Parasitology, 2008, 38, 633-639. | 1.3 | 9 |

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| 109 | Extensive molecular tinkering in the evolution of the membrane attachment mode of the Rheb GTPase. Scientific Reports, 2018, 8, 5239. | 1.6 | 9 |
| 110 | Complete minicircle genome ofLeptomonas pyrrhocorisreveals sources of its non-canonical mitochondrial RNA editing events. Nucleic Acids Research, 2021, 49, 3354-3370. | 6.5 | 9 |
| 111 | Leptomonas pyrrhocoris: Genomic insight into Parasite's Physiology. Current Genomics, 2018, 19, 150-156. | 0.7 | 9 |
| 112 | Parasites and their (endo)symbiotic microbes. Parasitology, 2018, 145, 1261-1264. | 0.7 | 8 |
| 113 | On monoxenous trypanosomatids from lesions of immunocompetent patients with suspected cutaneous leishmaniasis in Iran. Tropical Medicine and International Health, 2019, 24, 127-128. | 1.0 | 8 |
| 114 | A New Model Trypanosomatid, Novymonas esmeraldas : Genomic Perception of Its â€œ Candidatus Pandoraea novymonadisâ€•Endosymbiont. MBio, 2021, 12, e0160621. | 1.8 | 8 |
| 115 | The mitochondrial ND8 gene fromCrithidia oncopeltiis not pan-edited. FEBS Letters, 1998, 431, 457-460. | 1.3 | 7 |
| 116 | Protist Collections: Essential for Future Research. Trends in Parasitology, 2016, 32, 840-842. | 1.5 | 7 |
| 117 | Inducible protein stabilization system in Leishmania mexicana. Molecular and Biochemical Parasitology, 2017, 214, 62-64. | 0.5 | 7 |
| 118 | Genomic Variation among Strains of Crithidia bombi and C. expoeki. MSphere, 2019, 4, . | 1.3 | 7 |
| 119 | Sergentomyia schwetzi: Salivary gland transcriptome, proteome and enzymaticÂactivities in two lineages adapted to different blood sources. PLoS ONE, 2020, 15, e0230537. | 1.1 | 7 |
| 120 | If host is refractory, insistent parasite goes berserk: Trypanosomatid Blastocrithidia raabei in the dock bug Coreus marginatus. PLoS ONE, 2020, 15, e0227832. | 1.1 | 7 |
| 121 | The Remarkable Metabolism of Vickermania ingenoplastis: Genomic Predictions. Pathogens, 2021, 10, 68. | 1.2 | 7 |
| 122 | Suicidal Leishmania. Pathogens, 2020, 9, 79. | 1.2 | 7 |
| 123 | Development of two species of the Trypanosoma theileri complex in tabanids. Parasites and Vectors, 2022, 15, 95. | 1.0 | 7 |
| 124 | Leishmania guyanensis M4147 as a new LRV1-bearing model parasite: Phosphatidate phosphatase 2-like protein controls cell cycle progression and intracellular lipid content. PLoS Neglected Tropical Diseases, 2022, 16, e0010510. | 1.3 | 7 |
| 125 | Cell Cycle-Dependent Flagellar Disassembly in a Firebug Trypanosomatid Leptomonas pyrrhocoris. MBio, 2019, 10, . | 1.8 | 6 |
| 126 | Analysis of Stop Codons within Prokaryotic Protein-Coding Genes Suggests Frequent Readthrough Events. International Journal of Molecular Sciences, 2021, 22, 1876. | 1.8 | 6 |

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| 127 | The effects of genetic drift and genomic selection on differentiation and local adaptation of the introduced populations of Aedes albopictus in southern Russia. PeerJ, 2021, 9, e11776. | 0.9 | 6 |
| 128 | The catalytic domain of the histone methyltransferase NSD2/MMSET is required for the generation of B1 cells in mice. FEBS Letters, 2020, 594, 3324-3337. | 1.3 | 5 |
| 129 | Diverse telomeres in trypanosomatids. Parasitology, 2021, 148, 1254-1270. | 0.7 | 5 |
| 130 | Comparative Analysis of Three Trypanosomatid Catalases of Different Origin. Antioxidants, 2022, 11, 46. | 2.2 | 5 |
| 131 | Ku80 is involved in telomere maintenance but dispensable for genomic stability in Leishmania mexicana. PLoS Neglected Tropical Diseases, 2021, 15, e0010041. | 1.3 | 5 |
| 132 | Circular Superhelical DNA Complexes with Synthetic Oligopeptide: Unusual Compact Structures and Influence of Bent Sequences on the Results of Compaction. Journal of Biomolecular Structure and Dynamics, 1998, 15, 949-957. | 2.0 | 4 |
| 133 | Saccharomyces paradoxus Transcriptional Alterations in Cells of Distinct Phenotype and Viral dsRNA Content. Microorganisms, 2020, 8, 1902. | 1.6 | 4 |
| 134 | Frequent Recombination Events in Leishmania donovani: Mining Population Data. Pathogens, 2020, 9, 572. | 1.2 | 4 |
| 135 | First Draft Genome of the Trypanosomatid Herpetomonas muscarum ingenoplastis through MinION Oxford Nanopore Technology and Illumina Sequencing. Tropical Medicine and Infectious Disease, 2020, 5, 25. | 0.9 | 4 |
| 136 | DNA Methylation, Deamination, and Translesion Synthesis Combine to Generate Footprint Mutations in Cancer Driver Genes in B-Cell Derived Lymphomas and Other Cancers. Frontiers in Genetics, 2021, 12, 671866. | 1.1 | 4 |
| 137 | Atomic Force and Electron Microscopy of High Molecular Weight Circular DNA Complexes with Synthetic Oligopeptide Trivaline. Journal of Biomolecular Structure and Dynamics, 2000, 17, 687-695. | 2.0 | 3 |
| 138 | Trypanosoma cruzi strain and starvation-driven mitochondrial RNA editing and transcriptome variability. Rna, 2022, 28, 993-1012. | 1.6 | 3 |
| 139 | Endosymbiont Capture, a Repeated Process of Endosymbiont Transfer with Replacement in Trypanosomatids Angomonas spp.. Pathogens, 2021, 10, 702. | 1.2 | 2 |
| 140 | Editorial: Symbioses Between Protists and Bacteria/Archaea. Frontiers in Microbiology, 2021, 12, 709184. | 1.5 | 1 |
| 141 | Differences in Charge Distribution in Leishmania tarentolae Leishmanolysin Result in a Reduced Enzymatic Activity. International Journal of Molecular Sciences, 2022, 23, 7660. | 1.8 | 1 |