

Dmitri A Maslov

List of Publications by Year in descending order

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65
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3,200
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101543

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65
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65
docs citations

65
times ranked

1991
citing authors

#	ARTICLE	IF	CITATIONS
1	Lexis and Grammar of Mitochondrial RNA Processing in Trypanosomes. Trends in Parasitology, 2020, 36, 337-355.	3.3	71
2	Recent advances in trypanosomatid research: genome organization, expression, metabolism, taxonomy and evolution. Parasitology, 2019, 146, 1-27.	1.5	121
3	Separating the Wheat from the Chaff: RNA Editing and Selection of Translatable mRNA in Trypanosome Mitochondria. Pathogens, 2019, 8, 105.	2.8	7
4	Leishmania tarentolae: Taxonomic classification and its application as a promising biotechnological expression host. PLoS Neglected Tropical Diseases, 2019, 13, e0007424.	3.0	46
5	Trypanosomatids Are Much More than Just Trypanosomes: Clues from the Expanded Family Tree. Trends in Parasitology, 2018, 34, 466-480.	3.3	127
6	RSM22, mtYsxC and PNKD-like proteins are required for mitochondrial translation in Trypanosoma brucei. Mitochondrion, 2017, 34, 67-74.	3.4	3
7	Ribosome-associated pentatricopeptide repeat proteins function as translational activators in mitochondria of trypanosomes. Molecular Microbiology, 2016, 99, 1043-1058.	2.5	28
8	Genome of Leptomonas pyrrhocoris: a high-quality reference for monoxenous trypanosomatids and new insights into evolution of Leishmania. Scientific Reports, 2016, 6, 23704.	3.3	74
9	Structures and stabilization of kinetoplastid-specific split rRNAs revealed by comparing leishmanial and human ribosomes. Nature Communications, 2016, 7, 13223.	12.8	48
10	Novel Trypanosomatid-Bacterium Association: Evolution of Endosymbiosis in Action. MBio, 2016, 7, e01985.	4.1	64
11	New Approaches to Systematics of Trypanosomatidae: Criteria for Taxonomic (Re)description. Trends in Parasitology, 2015, 31, 460-469.	3.3	79
12	U-insertion/deletion RNA editing multiprotein complexes and mitochondrial ribosomes in Leishmania tarentolae are located in antipodal nodes adjacent to the kinetoplast DNA. Mitochondrion, 2015, 25, 76-86.	3.4	7
13	Identification of the mitochondrially encoded subunit 6 of F1FO ATPase in Trypanosoma brucei. Molecular and Biochemical Parasitology, 2015, 201, 135-138.	1.1	16
14	Host-specificity of Monoxenous Trypanosomatids: Statistical Analysis of the Distribution and Transmission Patterns of the Parasites from Neotropical Heteroptera. Protist, 2015, 166, 551-568.	1.5	28
15	Diversity and phylogeny of insect trypanosomatids: all that is hidden shall be revealed. Trends in Parasitology, 2013, 29, 43-52.	3.3	173
16	The Importance of the 45 S Ribosomal Small Subunit-related Complex for Mitochondrial Translation in Trypanosoma brucei. Journal of Biological Chemistry, 2013, 288, 32963-32978.	3.4	24
17	Kinetoplast DNA-encoded ribosomal protein S12. RNA Biology, 2013, 10, 1679-1688.	3.1	23
18	Kinetoplast-Mitochondrial Translation System in Trypanosomatids. , 2013, , 133-157.		1

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19	New <sc>S</sc>pecies of <sc>I</sc>nsect <sc>T</sc>rypanosomatids from <sc>C</sc>osta <sc>R</sc>ica and the <sc>P</sc>roposal for a <sc>N</sc>ew <sc>S</sc>ubfamily within the <sc>T</sc>rypanosomatidae. Journal of Eukaryotic Microbiology, 2012, 59, 537-547.	1.7	57
20	Microbotryozyma collariae gen. nov., sp. nov., a basidiomycetous yeast isolated from a plant bug Collaria oleosa (Miridae). Antonie Van Leeuwenhoek, 2012, 102, 99-104.	1.7	11
21	Cosmopolitan Distribution of a Trypanosomatid Leptomonas pyrrocoris. Protist, 2012, 163, 616-631.	1.5	44
22	Mitochondrial Translation in Trypanosomatids. Nucleic Acids and Molecular Biology, 2012, , 215-236.	0.2	5
23	Trypanosome REH1 is an RNA helicase involved with the 3'â€² polarity of multiple gRNA-guided uridine insertion/deletion RNA editing. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3542-3547.	7.1	54
24	Complete set of mitochondrial pan-edited mRNAs in Leishmania mexicana amazonensis LV78. Molecular and Biochemical Parasitology, 2010, 173, 107-114.	1.1	22
25	Probing for primary functions of prohibitin in Trypanosoma brucei. International Journal for Parasitology, 2010, 40, 73-83.	3.1	25
26	Two New Species of Trypanosomatid Parasites Isolated from Heteroptera in Costa Rica. Journal of Eukaryotic Microbiology, 2010, 57, 177-188.	1.7	53
27	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.	2.7	60
28	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.	1.7	46
29	Structure of a mitochondrial ribosome with minimal RNA. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9637-9642.	7.1	87
30	RNA editing and mitochondrial activity in promastigotes and amastigotes of Leishmania donovani. International Journal for Parasitology, 2009, 39, 635-644.	3.1	24
31	Morphological Discordance of the New Trypanosomatid Species Phylogenetically Associated with the Genus Crithidia. Protist, 2008, 159, 99-114.	1.5	43
32	Strategies of Kinetoplastid Cryptogene Discovery and Analysis. Methods in Enzymology, 2007, 424, 127-139.	1.0	6
33	Discovery and Barcoding by Analysis of Spliced Leader RNA Gene Sequences of New Isolates of Trypanosomatidae from Heteroptera in Costa Rica and Ecuador. Journal of Eukaryotic Microbiology, 2007, 54, 57-65.	1.7	45
34	Proteomics and electron microscopic characterization of the unusual mitochondrial ribosome-related 45S complex in Leishmania tarentolae. Molecular and Biochemical Parasitology, 2007, 152, 203-212.	1.1	31
35	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.	1.7	47
36	Isolation and characterization of mitochondrial ribosomes and ribosomal subunits from Leishmania tarentolae. Molecular and Biochemical Parasitology, 2006, 148, 69-78.	1.1	36

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37	The Effect of RNA Interference Down-regulation of RNA Editing 3'-Terminal Uridyl Transferase (TUTase) 1 on Mitochondrial de Novo Protein Synthesis and Stability of Respiratory Complexes in <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 7819-7825.	3.4	28
38	NADH-ubiquinone oxidoreductase activity in the kinetoplasts of the plant trypanosomatid <i>Phytomonas serpens</i> . <i>Parasitology Research</i> , 2004, 92, 341-346.	1.6	21
39	Unusual Polypeptide Synthesis in the Kinetoplast-Mitochondria from <i>Leishmania tarentolae</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 7222-7230.	3.4	39
40	A putative novel nuclear-encoded subunit of the cytochrome c oxidase complex in trypanosomatids. <i>Molecular and Biochemical Parasitology</i> , 2002, 125, 113-125.	1.1	41
41	Phylogeny of the kinetoplastida: taxonomic problems and insights into the evolution of parasitism. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2001, 96, 397-402.	1.6	50
42	Diversity and Phylogeny of Insect Trypanosomatids Based on Small Subunit rRNA Genes: Polyphyly of <i>Leptomonas</i> and <i>Blastocrithidia</i> . <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 161-169.	1.7	64
43	<i>Diplonema</i> spp. Possess Spliced Leader RNA Genes Similar to the Kinetoplastida. <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 325-331.	1.7	30
44	<i>Leishmania tarentolae</i> : A Parallel Isolation of Cytochrome bc1 and Cytochrome c Oxidase. <i>Experimental Parasitology</i> , 2000, 96, 160-167.	1.2	23
45	The absence of genes for cytochrome c oxidase and reductase subunits in maxicircle kinetoplast DNA of the respiration-deficient plant trypanosomatid <i>Phytomonas serpens</i> . <i>Current Genetics</i> , 2000, 38, 95-103.	1.7	40
46	Unexpectedly high variability of the histone H4 gene in <i>Leishmania</i> . <i>Parasitology Research</i> , 2000, 86, 259-261.	1.6	11
47	Detection of the Mitochondrially Encoded Cytochrome cOxidase Subunit I in the Trypanosomatid Protozoan <i>Leishmania tarentolae</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 17160-17165.	3.4	48
48	Translation of the Edited mRNA for Cytochrome b in Trypanosome Mitochondria. <i>Science</i> , 2000, 287, 1639-1640.	12.6	86
49	Evolution of the U-Insertion/Deletion RNA Editing in Mitochondria of Kinetoplastid Protozoa. <i>Annals of the New York Academy of Sciences</i> , 1999, 870, 190-205.	3.8	30
50	Partial kinetoplast-mitochondrial gene organization and expression in the respiratory deficient plant trypanosomatid <i>Phytomonas serpens</i> . <i>Molecular and Biochemical Parasitology</i> , 1999, 99, 207-221.	1.1	41
51	Phylogenetic Affinities of <i>Diplonema</i> within the Euglenozoa as Inferred from the SSU rRNA Gene and Partial COI Protein Sequences. <i>Protist</i> , 1999, 150, 33-42.	1.5	46
52	Monophyly of Endosymbiont Containing Trypanosomatids: Phylogeny versus Taxonomy. <i>Journal of Eukaryotic Microbiology</i> , 1998, 45, 293-297.	1.7	54
53	Searching for a Tree That Can be Trusted. <i>Parasitology Today</i> , 1998, 14, 334.	3.0	5
54	Demonstration of mRNA editing and localization of guide RNA genes in kinetoplast mitochondria of the plant trypanosomatid <i>Phytomonas serpens</i> 1 Note: Nucleotide sequences from <i>P. serpens</i> 1G reported in this work were deposited in GenBank, database with the following accession numbers: AF034624 (Sau3AI-cut minicircle), AF034625 (HindIII-cut minicircle), AF034626 (fully edited sequence of) Tj ETQq000 rgBT 7 Overlock 1 <i>Parasitology</i> , 1998, 93, 225-236.	1.1	23

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55	A phylogenetic view on the genus <i>Phytomonas</i> . <i>Molecular and Biochemical Parasitology</i> , 1997, 89, 295-299.	1.1	34
56	Analysis of Ribosomal RNA Genes Suggests That Trypanosomes Are Monophyletic. <i>Journal of Molecular Evolution</i> , 1997, 44, 521-527.	1.8	94
57	Phylogeny of trypanosomes as inferred from the small and large subunit rRNAs: implications for the evolution of parasitism in the trypanosomatid protozoa. <i>Molecular and Biochemical Parasitology</i> , 1996, 75, 197-205.	1.1	239
58	Detection and Identification of Human Pathogenic <i>Leishmania</i> and <i>Trypanosoma</i> Species by Hybridization of PCR-Amplified Mini-exon Repeats. <i>Experimental Parasitology</i> , 1996, 82, 242-250.	1.2	44
59	[10] RNA editing in trypanosomatid mitochondria. <i>Methods in Enzymology</i> , 1996, 264, 99-121.	1.0	21
60	Editing and misediting of transcripts of the kinetoplast maxicircle G5 (ND3) cryptogene in an old laboratory strain of <i>Leishmania tarentolae</i> . <i>Molecular and Biochemical Parasitology</i> , 1994, 68, 155-159.	1.1	20
61	Evolution of RNA editing in kinetoplastid protozoa. <i>Nature</i> , 1994, 368, 345-348.	27.8	146
62	Ancient origin of RNA editing in kinetoplastid protozoa. <i>Current Opinion in Genetics and Development</i> , 1994, 4, 887-894.	3.3	26
63	Organization of mini-exon and 5S rRNA genes in the kinetoplastid <i>Trypanoplasma borreli</i> . <i>Molecular and Biochemical Parasitology</i> , 1993, 61, 127-135.	1.1	24
64	The polarity of editing within a multiple gRNA-mediated domain is due to formation of anchors for upstream gRNAs by downstream editing. <i>Cell</i> , 1992, 70, 459-467.	28.9	156
65	Generation of unexpected editing patterns in <i>Leishmania tarentolae</i> mitochondrial mRNAs: Misediting produced by misguiding. <i>Cell</i> , 1992, 70, 469-476.	28.9	80