Christian Tschudi

List of Publications by Year
in descending order

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69	3,703	196777 29	156644 58
papers	citations	h-index	g-index

69	69	69	2624
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An assembly of nuclear bodies associates with the active VSG expression site in African trypanosomes. Nature Communications, 2022, 13, 101.	5.8	16
2	Identification and functional implications of pseudouridine RNA modification on small noncoding RNAs in the mammalian pathogen Trypanosoma brucei. Journal of Biological Chemistry, 2022, 298, 102141.	1.6	4
3	Identification of positive and negative regulators in the stepwise developmental progression towards infectivity in Trypanosoma brucei. Scientific Reports, 2021, 11, 5755.	1.6	18
4	Pseudouridines on Trypanosoma brucei mRNAs are developmentally regulated: Implications to mRNA stability and protein binding. Molecular Microbiology, 2021, 116, 808-826.	1.2	12
5	Developmentally Regulated Novel Non-coding Anti-sense Regulators of mRNA Translation in Trypanosoma brucei. IScience, 2020, 23, 101780.	1.9	14
6	The large repertoire of 2â€™-O-methylation guided by C/D snoRNAs on Trypanosoma brucei rRNA. RNA Biology, 2020, 17, 1018-1039.	1.5	21
7	The vault RNA of Trypanosoma brucei plays a role in the production of trans-spliced mRNA. Journal of Biological Chemistry, 2019, 294, 15559-15574.	1.6	16
8	Pseudouridines on Trypanosoma brucei spliceosomal small nuclear RNAs and their implication for RNA and protein interactions. Nucleic Acids Research, 2019, 47, 7633-7647.	6.5	33
9	Small nucleolar RNAs controlling rRNA processing in Trypanosoma brucei. Nucleic Acids Research, 2019, 47, 2609-2629.	6.5	20
10	Temperature shift activates bloodstream VSG expression site promoters in Trypanosoma brucei. Molecular and Biochemical Parasitology, 2018, 226, 20-23.	0.5	4
11	Differential expression analysis of transcriptome data of Trypanosoma brucei RBP6 induction in procyclics leading to infectious metacyclics and bloodstream forms in vitro. Data in Brief, 2018, 20, 978-980.	0.5	8
12	A single-point mutation in the RNA-binding protein 6 generates Trypanosoma brucei metacyclics that are able to progress to bloodstream forms in vitro. Molecular and Biochemical Parasitology, 2018, 224, 50-56.	0.5	11
13	The Canonical Poly (A) Polymerase PAP1 Polyadenylates Non-Coding RNAs and Is Essential for snoRNA Biogenesis in Trypanosoma brucei. Journal of Molecular Biology, 2017, 429, 3301-3318.	2.0	14
14	Metacyclic VSG expression site promoters are recognized by the same general transcription factor that is required for RNA polymerase I transcription of bloodstream expression sites. Molecular and Biochemical Parasitology, 2017, 216, 52-55.	0.5	11
15	The proteome and transcriptome of the infectious metacyclic form of Trypanosoma brucei define quiescent cells primed for mammalian invasion. Molecular Microbiology, 2017, 106, 74-92.	1.2	53
16	Transcriptome Profiling of Trypanosoma brucei Development in the Tsetse Fly Vector Glossina morsitans. PLoS ONE, 2016, 11, e0168877.	1.1	56
17	A pseudouridylation switch in rRNA is implicated in ribosome function during the life cycle of Trypanosoma brucei. Scientific Reports, 2016, 6, 25296.	1.6	38
18	Synchronous expression of individual metacyclic variant surface glycoprotein genes in Trypanosoma brucei. Molecular and Biochemical Parasitology, 2015, 200, 1-4.	0.5	20

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19	Genome-wide analysis of small nucleolar RNAs ofLeishmania majorreveals a rich repertoire of RNAs involved in modification and processing of rRNA. RNA Biology, 2015, 12, 1222-1255.	1.5	29
20	The emerging role of RNA-binding proteins in the life cycle ofTrypanosoma brucei. Cellular Microbiology, 2014, 16, 482-489.	1.1	86
21	On the extent and role of the small proteome in the parasitic eukaryote Trypanosoma brucei. BMC Biology, 2014, 12, 14.	1.7	19
22	Comparative Genomics Reveals Two Novel RNAi Factors in Trypanosoma brucei and Provides Insight into the Core Machinery. PLoS Pathogens, 2012, 8, e1002678.	2.1	27
23	Developmental Progression to Infectivity in Trypanosoma brucei Triggered by an RNA-Binding Protein. Science, 2012, 338, 1352-1353.	6.0	176
24	Small interfering RNA-producing loci in the ancient parasitic eukaryote Trypanosoma brucei. BMC Genomics, 2012, 13, 427.	1.2	31
25	The RNA Interference Pathway in Trypanosoma brucei. Nucleic Acids and Molecular Biology, 2012, , 167-185.	0.2	0
26	The emerging world of small silencing RNAs in protozoan parasites. Trends in Parasitology, 2011, 27, 321-327.	1.5	20
27	RNA Interference in Protozoan Parasites: Achievements and Challenges. Eukaryotic Cell, 2011, 10, 1156-1163.	3.4	122
28	Retention and Loss of RNA Interference Pathways in Trypanosomatid Protozoans. PLoS Pathogens, 2010, 6, e1001161.	2.1	194
29	The Transcriptome of the Human Pathogen Trypanosoma brucei at Single-Nucleotide Resolution. PLoS Pathogens, 2010, 6, e1001090.	2.1	243
30	Distinct and overlapping roles for two Dicer-like proteins in the RNA interference pathways of the ancient eukaryote Trypanosoma brucei. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17933-17938.	3.3	51
31	RNA Interference in Trypanosoma brucei. Journal of Biological Chemistry, 2009, 284, 36511-36520.	1.6	25
32	Genomic rearrangements and transcriptional analysis of the spliced leaderâ€associated retrotransposon in RNA interferenceâ€deficient Trypanosoma brucei. Molecular Microbiology, 2008, 67, 435-447.	1.2	21
33	Depletion of newly synthesized Argonaute1 impairs the RNAi response in Trypanosoma brucei. Rna, 2007, 13, 1132-1139.	1.6	15
34	Characterization of the Trypanosoma brucei cap hypermethylase Tgs1. Molecular and Biochemical Parasitology, 2007, 155, 66-69.	0.5	19
35	Evidence for a capping enzyme with specificity for the trypanosome spliced leader RNA. Molecular and Biochemical Parasitology, 2007, 156, 246-254.	0.5	22
36	Analysis of spliceosomal complexes in Trypanosoma brucei and silencing of two splicing factors Prp31 and Prp43. Molecular and Biochemical Parasitology, 2006, 145, 29-39.	0.5	26

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37	2â€²-O-Methylation of position 2 of the trypanosome spliced leader cap 4 is mediated by a 48kDa protein related to vaccinia virus VP39. Molecular and Biochemical Parasitology, 2006, 147, 137-139.	0.5	27
38	A protein related to the vaccinia virus cap-specific methyltransferase VP39 is involved in cap 4 modification in Trypanosoma brucei. Rna, 2006, 12, 53-62.	1.6	25
39	Functional replacement of Trypanosoma brucei Argonaute by the human slicer Argonaute2. Rna, 2006, 12, 943-947.	1.6	17
40	Repression of gene expression by the coliphage MS2 coat protein in Trypanosoma brucei. Molecular and Biochemical Parasitology, 2005, 144, 119-122.	0.5	2
41	Novel and Essential Subunits in the 300-Kilodalton Nuclear Cap Binding Complex of Trypanosoma brucei. Molecular and Cellular Biology, 2005, 25, 2216-2226.	1.1	31
42	Function of the Trypanosome Argonaute 1 Protein in RNA Interference Requires the N-terminal RGG Domain and Arginine 735 in the Piwi Domain. Journal of Biological Chemistry, 2004, 279, 49889-49893.	1.6	42
43	Role of a 300-Kilodalton Nuclear Complex in the Maturation of Trypanosoma brucei Initiator Methionyl-tRNA. Eukaryotic Cell, 2004, 3, 893-899.	3.4	6
44	Argonaute Protein in the Early Divergent Eukaryote Trypanosoma brucei : Control of Small Interfering RNA Accumulation and Retroposon Transcript Abundance. Molecular and Cellular Biology, 2004, 24, 420-427.	1.1	111
45	Functional Characterization of a Trypanosoma brucei TATA-Binding Protein-Related Factor Points to a Universal Regulator of Transcription in Trypanosomes. Molecular and Cellular Biology, 2004, 24, 9610-9618.	1.1	54
46	Analysis of Gene Function in <I>Trypanosoma brucei</I> Using RNA Interference. , 2004, 270, 287-298.		14
47	A PCR-Based Method for Gene Deletion and Protein Tagging in <I>Trypanosoma brucei<I>. , 2004, 270, 277-286.		25
48	In vivo analysis of the RNA interference mechanism in Trypanosoma brucei. Methods, 2003, 30, 304-312.	1.9	19
49	An siRNA ribonucleoprotein is found associated with polyribosomes in Trypanosoma brucei. Rna, 2003, 9, 802-808.	1.6	54
50	On the Role of Exon and Intron Sequences intrans-Splicing Utilization and cap 4 Modification of the Trypanosomatid Leptomonas collosoma SL RNA. Journal of Biological Chemistry, 2002, 277, 35210-35218.	1.6	36
51	RNA interference: advances and questions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 65-70.	1.8	52
52	Unconventional rules of small nuclear RNA transcription and cap modification in trypanosomatids. Gene Expression, 2002, 10, 3-16.	0.5	33
53	In vivo epitope tagging of Trypanosoma brucei genes using a one step PCR-based strategy. Molecular and Biochemical Parasitology, 2001, 113, 171-173.	0.5	95
54	Characterization of a candidate Trypanosoma brucei U1 small nuclear RNA gene. Molecular and Biochemical Parasitology, 2001, 113, 109-115.	0.5	24

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55	Genetic interference in Trypanosoma brucei by heritable and inducible double-stranded RNA. Rna, 2000, 6, 1069-1076.	1.6	171
56	A new twist in trypanosome RNA metabolism: cis-splicing of pre-mRNA. Rna, 2000, 6, 163-169.	1.6	137
57	Determinants for cap trimethylation of the U2 small nuclear RNA are not conserved between Trypanosoma brucei and higher eukaryotic organisms. Nucleic Acids Research, 2000, 28, 3702-3709.	6.5	24
58	Cotranscriptional Cap 4 Formation on the Trypanosoma brucei Spliced Leader RNA. Journal of Biological Chemistry, 2000, 275, 28994-28999.	1.6	57
59	Physical and transcriptional analysis of the Trypanosoma brucei genome reveals a typical eukaryotic arrangement with close interspersionof RNA polymerase II- and III-transcribed genes. Nucleic Acids Research, 1998, 26, 3591-3598.	6.5	25
60	Trypanosome Capping Enzymes Display a Novel Two-Domain Structure. Molecular and Cellular Biology, 1998, 18, 4612-4619.	1.1	31
61	Transcription of the Trypanosoma brucei spliced leader RNA gene is dependent only on the presence of upstream regulatory elements. Molecular and Biochemical Parasitology, 1997, 85, 67-76.	0.5	72
62	Structure of the Trypanosoma brucei U6 snRNA gene promoter. Molecular and Biochemical Parasitology, 1997, 88, 13-23.	0.5	33
63	Accurate Modification of the Trypanosome Spliced Leader Cap Structure in a Homologous Cell-free System. Journal of Biological Chemistry, 1995, 270, 20365-20369.	1.6	27
64	Accurate Transcription of the Trypanosoma brucei U2 Small Nuclear RNA Gene in a Homologous Extract. Journal of Biological Chemistry, 1995, 270, 17287-17291.	1.6	27
65	Permeable trypanosome cells as a model system for transceiption and trans-splicing. Nucleic Acids Research, 1990, 18, 3319-3326.	6.5	97
66	Destruction of U2, U4, or U6 small nuclear RNA blocks Trans splicing in trypanosome cells. Cell, 1990, 61, 459-466.	13.5	131
67	The U6 small nuclear RNA fromTrypanosoma brucei. Nucleic Acids Research, 1988, 16, 11375-11375.	6.5	35
68	The U2 RNA analogue ofTrypanosoma brucei gambiense: implications for a splicing mechanism in trypanosomes. Nucleic Acids Research, 1986, 14, 8893-8903.	6.5	95
69	Alu sequences are processed 7SL RNA genes. Nature, 1984, 312, 171-172.	13.7	579