

Sergio Verjovski-Almeida

List of Publications by Year in descending order

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168
papers

9,513
citations

41344

49
h-index

42399

92
g-index

179
all docs

179
docs citations

179
times ranked

11888
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Sequence of <i>Aedes aegypti</i> , a Major Arbovirus Vector. <i>Science</i> , 2007, 316, 1718-1723.	12.6	1,025
2	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . <i>Nature</i> , 2000, 406, 151-157.	27.8	827
3	Transcriptome analysis of the acoelomate human parasite <i>Schistosoma mansoni</i> . <i>Nature Genetics</i> , 2003, 35, 148-157.	21.4	433
4	Comparative Genomics of Two <i>Leptospira interrogans</i> Serovars Reveals Novel Insights into Physiology and Pathogenesis. <i>Journal of Bacteriology</i> , 2004, 186, 2164-2172.	2.2	406
5	Long intronic noncoding RNA transcription: Expression noise or expression choice?. <i>Genomics</i> , 2009, 93, 291-298.	2.9	226
6	Genome mapping and expression analyses of human intronic noncoding RNAs reveal tissue-specific patterns and enrichment in genes related to regulation of transcription. <i>Genome Biology</i> , 2007, 8, R43.	9.6	209
7	The tegument surface membranes of the human blood parasite <i>Schistosoma mansoni</i> : A proteomic analysis after differential extraction. <i>Proteomics</i> , 2006, 6, 1471-1482.	2.2	202
8	Systems medicine and integrated care to combat chronic noncommunicable diseases. <i>Genome Medicine</i> , 2011, 3, 43.	8.2	181
9	The Intronic Long Noncoding RNA ANRASSF1 Recruits PRC2 to the RASSF1A Promoter, Reducing the Expression of RASSF1A and Increasing Cell Proliferation. <i>PLoS Genetics</i> , 2013, 9, e1003705.	3.5	180
10	Shotgun sequencing of the human transcriptome with ORF expressed sequence tags. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 3491-3496.	7.1	179
11	Genome features of <i>Leptospira interrogans</i> serovar Copenhageni. <i>Brazilian Journal of Medical and Biological Research</i> , 2004, 37, 459-477.	1.5	175
12	<i>Schistosoma mansoni</i> Tegument Protein Sm29 Is Able to Induce a Th1-Type of Immune Response and Protection against Parasite Infection. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e308.	3.0	155
13	Long noncoding intronic RNAs are differentially expressed in primary and metastatic pancreatic cancer. <i>Molecular Cancer</i> , 2011, 10, 141.	19.2	153
14	Vulnerability of primitive human placental trophoblast to Zika virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1587-E1596.	7.1	152
15	Antisense intronic non-coding RNA levels correlate to the degree of tumor differentiation in prostate cancer. <i>Oncogene</i> , 2004, 23, 6684-6692.	5.9	150
16	Partial reactions in the catalytic and transport cycle of sarcoplasmic reticulum ATPase. <i>Biochemistry</i> , 1978, 17, 5006-5013.	2.5	147
17	Partial Purification and Immunohistochemical Localization of ATP Diphosphohydrolase from <i>Schistosoma mansoni</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 22139-22145.	3.4	134
18	<i>Schistosoma mansoni</i> TGF- β 2 Receptor II: Role in Host Ligand-Induced Regulation of a Schistosome Target Gene. <i>PLoS Pathogens</i> , 2006, 2, e54.	4.7	134

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19	Perspectives of Long Non-Coding RNAs in Cancer Diagnostics. <i>Frontiers in Genetics</i> , 2012, 3, 32.	2.3	131
20	Jagged 1 Rescues the Duchenne Muscular Dystrophy Phenotype. <i>Cell</i> , 2015, 163, 1204-1213.	28.9	126
21	The contribution of 700,000 ORF sequence tags to the definition of the human transcriptome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 12103-12108.	7.1	123
22	The generation and utilization of a cancer-oriented representation of the human transcriptome by using expressed sequence tags. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13418-13423.	7.1	105
23	Long non-coding RNAs and their implications in cancer epigenetics. <i>Bioscience Reports</i> , 2013, 33, .	2.4	98
24	Schistosomiasis—a century searching for chemotherapeutic drugs. <i>Parasitology Research</i> , 2006, 99, 505-521.	1.6	94
25	Metagenomic Analysis of a Tropical Composting Operation at the São Paulo Zoo Park Reveals Diversity of Biomass Degradation Functions and Organisms. <i>PLoS ONE</i> , 2013, 8, e61928.	2.5	91
26	<i>Schistosoma mansoni</i> Egg, Adult Male and Female Comparative Gene Expression Analysis and Identification of Novel Genes by RNA-Seq. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004334.	3.0	90
27	Protein variation in blood-dwelling schistosome worms generated by differential splicing of micro-exon gene transcripts. <i>Genome Research</i> , 2010, 20, 1112-1121.	5.5	86
28	Discordant congenital Zika syndrome twins show differential in vitro viral susceptibility of neural progenitor cells. <i>Nature Communications</i> , 2018, 9, 475.	12.8	86
29	Characterization and localization of an ATP-diphosphohydrolase on the external surface of the tegument of <i>Schistosoma mansoni</i> . <i>Molecular and Biochemical Parasitology</i> , 1993, 58, 205-214.	1.1	82
30	DNA Microarray-Based Genome Comparison of a Pathogenic and a Nonpathogenic Strain of <i>Xylella fastidiosa</i> Delineates Genes Important for Bacterial Virulence. <i>Journal of Bacteriology</i> , 2004, 186, 5442-5449.	2.2	74
31	Interference with Hemozoin Formation Represents an Important Mechanism of Schistosomicidal Action of Antimalarial Quinoline Methanols. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e477.	3.0	74
32	Gene Expression Profile of Mesenchymal Stem Cells from Paired Umbilical Cord Units: Cord is Different from Blood. <i>Stem Cell Reviews and Reports</i> , 2009, 5, 387-401.	5.6	74
33	Androgen responsive intronic non-coding RNAs. <i>BMC Biology</i> , 2007, 5, 4.	3.8	73
34	Gene expression arrays in cancer research: methods and applications. <i>Critical Reviews in Oncology/Hematology</i> , 2005, 54, 95-105.	4.4	72
35	Dementia is an age-independent risk factor for severity and death in COVID-19 inpatients. <i>Alzheimer's and Dementia</i> , 2021, 17, 1818-1831.	0.8	71
36	Identification of human chromosome 22 transcribed sequences with ORF expressed sequence tags. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12690-12693.	7.1	70

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37	Influence of Ecto-Nucleoside Triphosphate Diphosphohydrolase Activity on Trypanosoma cruzi Infectivity and Virulence. PLoS Neglected Tropical Diseases, 2009, 3, e387.	3.0	68
38	Schistosomesâ€™ proteomics studies for potential novel vaccines and drug targets. Drug Discovery Today, 2009, 14, 472-478.	6.4	68
39	Conserved tissue expression signatures of intronic noncoding RNAs transcribed from human and mouse loci. Genomics, 2008, 92, 18-25.	2.9	66
40	Detection of an initial burst of Ca ²⁺ translocation in sarcoplasmic reticulum. Biochemical and Biophysical Research Communications, 1977, 78, 772-776.	2.1	65
41	The <i>Aedes aegypti</i> larval transcriptome: a comparative perspective with emphasis on trypsins and the domain structure of peritrophins. Insect Molecular Biology, 2009, 18, 33-44.	2.0	65
42	Characterization and immunolocalization of an NTP diphosphohydrolase of Trypanosoma cruzi. Biochemical and Biophysical Research Communications, 2004, 316, 454-460.	2.1	61
43	Expression analysis and in silico characterization of intronic long noncoding RNAs in renal cell carcinoma: emerging functional associations. Molecular Cancer, 2013, 12, 140.	19.2	59
44	Global analysis of biogenesis, stability and sub-cellular localization of lncRNAs mapping to intragenic regions of the human genome. RNA Biology, 2015, 12, 877-892.	3.1	59
45	Saci-1, -2, and -3 and Perere, Four Novel Retrotransposons with High Transcriptional Activities from the Human Parasite Schistosoma mansoni. Journal of Virology, 2004, 78, 2967-2978.	3.4	57
46	Large-scale Transcriptome Analyses Reveal New Genetic Marker Candidates of Head, Neck, and Thyroid Cancer. Cancer Research, 2005, 65, 1693-1699.	0.9	55
47	pH-Induced changes in the reactions controlled by the low- and high-affinity calcium(2+)-binding sites in sarcoplasmic reticulum. Biochemistry, 1977, 16, 329-334.	2.5	50
48	Molecular characterization and immunolocalization of Schistosoma mansoni ATP-diphosphohydrolase. Biochemical and Biophysical Research Communications, 2003, 307, 831-838.	2.1	50
49	ARHGAP21 is a RhoGAP for RhoA and RhoC with a role in proliferation and migration of prostate adenocarcinoma cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 365-374.	3.8	50
50	The Schistosoma mansoni genome encodes thousands of long non-coding RNAs predicted to be functional at different parasite life-cycle stages. Scientific Reports, 2017, 7, 10508.	3.3	48
51	Schistosome transcriptome: insights and perspectives for functional genomics. Trends in Parasitology, 2004, 20, 304-308.	3.3	47
52	Transcriptome Analyses of Inhibitor-treated Schistosome Females Provide Evidence for Cooperating Src-kinase and TGFÎ² Receptor Pathways Controlling Mitosis and Eggshell Formation. PLoS Pathogens, 2013, 9, e1003448.	4.7	46
53	Identification of protein-coding and intronic noncoding RNAs down-regulated in clear cell renal carcinoma. Molecular Carcinogenesis, 2008, 47, 757-767.	2.7	45
54	Non-coding transcription characterization and annotation. RNA Biology, 2012, 9, 274-282.	3.1	45

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55	Substitutions of Aspartate 378 in the Phosphorylation Domain of the Yeast PMA1 H ⁺ -ATPase Disrupt Protein Folding and Biogenesis. <i>Journal of Biological Chemistry</i> , 1998, 273, 7338-7344.	3.4	43
56	Transcriptional regulation differs in affected facioscapulohumeral muscular dystrophy patients compared to asymptomatic related carriers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6220-6225.	7.1	43
57	Self-association and modification of calcium binding in solubilized sarcoplasmic reticulum adenosine triphosphatase. <i>Biochemistry</i> , 1983, 22, 707-716.	2.5	40
58	Whole-Genome Analysis of Transporters in the Plant Pathogen <i>Xylella fastidiosa</i> . <i>Microbiology and Molecular Biology Reviews</i> , 2002, 66, 272-299.	6.6	40
59	Screening the <i>Schistosoma mansoni</i> transcriptome for genes differentially expressed in the schistosomulum stage in search for vaccine candidates. <i>Parasitology Research</i> , 2011, 108, 123-135.	1.6	40
60	Combinatory Microarray and SuperSAGE Analyses Identify Pairing-Dependently Transcribed Genes in <i>Schistosoma mansoni</i> Males, Including Follistatin. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2532.	3.0	40
61	Mapping transposon insertion sites by touchdown PCR and hybrid degenerate primers. <i>BioTechniques</i> , 2005, 38, 225-229.	1.8	39
62	Gene expression profiling reveals molecular marker candidates of laryngeal squamous cell carcinoma. <i>Oncology Reports</i> , 2009, 21, 649-63.	2.6	39
63	Identification of 18 new transcribed retrotransposons in <i>Schistosoma mansoni</i> . <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 230-240.	2.1	38
64	As Antisense RNA Gets Intronic. <i>OMICS A Journal of Integrative Biology</i> , 2005, 9, 2-12.	2.0	37
65	ESTWeb: bioinformatics services for EST sequencing projects. <i>Bioinformatics</i> , 2003, 19, 1587-1588.	4.1	36
66	Non-coding RNAs in schistosomes: an unexplored world. <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 673-694.	0.8	36
67	Exploring the <i>Schistosoma mansoni</i> adult male transcriptome using RNA-seq. <i>Experimental Parasitology</i> , 2012, 132, 22-31.	1.2	35
68	HIPSTR and thousands of lncRNAs are heterogeneously expressed in human embryos, primordial germ cells and stable cell lines. <i>Scientific Reports</i> , 2016, 6, 32753.	3.3	35
69	Imatinib Treatment Causes Substantial Transcriptional Changes in Adult <i>Schistosoma mansoni</i> In Vitro Exhibiting Pleiotropic Effects. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2923.	3.0	34
70	A Regulatory miRNA-mRNA Network Is Associated with Tissue Repair Induced by Mesenchymal Stromal Cells in Acute Kidney Injury. <i>Frontiers in Immunology</i> , 2016, 7, 645.	4.8	34
71	Use of a 44k oligoarray to explore the transcriptome of <i>Schistosoma mansoni</i> adult worms. <i>Experimental Parasitology</i> , 2007, 117, 236-245.	1.2	33
72	Identification of the <i>Schistosoma mansoni</i> TNF-Alpha Receptor Gene and the Effect of Human TNF-Alpha on the Parasite Gene Expression Profile. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e556.	3.0	33

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73	Gender biased differential alternative splicing patterns of the transcriptional cofactor CA150 gene in <i>Schistosoma mansoni</i> . <i>Molecular and Biochemical Parasitology</i> , 2006, 150, 123-131.	1.1	31
74	Characterization of <i>Schistosoma mansoni</i> ATPDase2 gene, a novel apyrase family member. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 384-389.	2.1	31
75	A quantitative view of the transcriptome of <i>Schistosoma mansoni</i> adult-worms using SAGE. <i>BMC Genomics</i> , 2007, 8, 186.	2.8	31
76	Structure and Function of the Yeast Plasma-Membrane H ⁺ -ATPase. <i>Annals of the New York Academy of Sciences</i> , 1992, 671, 195-203.	3.8	29
77	Human malaria parasites display a receptor for activated C kinase ortholog. <i>Biochemical and Biophysical Research Communications</i> , 2003, 306, 995-1001.	2.1	29
78	RASL11A, member of a novel small monomeric GTPase gene family, is down-regulated in prostate tumors. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 618-627.	2.1	29
79	Effects of curcumin on the parasite <i>Schistosoma mansoni</i> : A transcriptomic approach. <i>Molecular and Biochemical Parasitology</i> , 2013, 187, 91-97.	1.1	29
80	Repression of phosphatidylinositol transfer protein $\hat{\pm}$ ameliorates the pathology of Duchenne muscular dystrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6080-6085.	7.1	29
81	Apert p.Ser252Trp Mutation in FGFR2 Alters Osteogenic Potential and Gene Expression of Cranial Periosteal Cells. <i>Molecular Medicine</i> , 2007, 13, 422-442.	4.4	28
82	Identification of Intronic RNA Expression in CD34 ⁺ Cells of Patients with Myelodysplastic Syndrome by RNA Microarray Analysis. <i>Blood</i> , 2007, 110, 2423-2423.	1.4	26
83	SmTRC1, a novel <i>Schistosoma mansoni</i> DNA transposon, discloses new families of animal and fungi transposons belonging to the CACTA superfamily. <i>BMC Evolutionary Biology</i> , 2006, 6, 89.	3.2	25
84	<i>Schistosoma mansoni</i> : Molecular characterization of Alkaline Phosphatase and expression patterns across life cycle stages. <i>Experimental Parasitology</i> , 2011, 129, 284-291.	1.2	25
85	Hematopoietic cell kinase (HCK) is a potential therapeutic target for dysplastic and leukemic cells due to integration of erythropoietin/PI3K pathway and regulation of erythropoiesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 450-461.	3.8	25
86	Inhibition of histone methyltransferase EZH2 in <i>Schistosoma mansoni</i> in vitro by GSK343 reduces egg laying and decreases the expression of genes implicated in DNA replication and noncoding RNA metabolism. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006873.	3.0	25
87	Rapid kinetics of calcium ion transport and ATPase activity in the sarcoplasmic reticulum of dystrophic muscle. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 558, 119-125.	2.6	24
88	<i>Schistosoma mansoni</i> histones: From transcription to chromatin regulation; an in silico analysis. <i>Molecular and Biochemical Parasitology</i> , 2012, 183, 105-114.	1.1	22
89	Histone deacetylase inhibition modulates histone acetylation at gene promoter regions and affects genome-wide gene transcription in <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005539.	3.0	22
90	Weighted Gene Co-Expression Analyses Point to Long Non-Coding RNA Hub Genes at Different <i>Schistosoma mansoni</i> Life-Cycle Stages. <i>Frontiers in Genetics</i> , 2019, 10, 823.	2.3	22

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91	Dissociation of F-actin induced by hydrostatic pressure. <i>FEBS Journal</i> , 1992, 209, 1005-1011.	0.2	21
92	Bursts of transposition from non-long terminal repeat retrotransposon families of the RTE clade in <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , 2010, 40, 743-749.	3.1	21
93	Effect of human TGF- β^2 on the gene expression profile of <i>Schistosoma mansoni</i> adult worms. <i>Molecular and Biochemical Parasitology</i> , 2012, 183, 132-139.	1.1	20
94	Identification of novel biomarkers associated with poor patient outcomes in invasive breast carcinoma. <i>Tumor Biology</i> , 2016, 37, 13855-13870.	1.8	19
95	Cloning the genes and DNA binding properties of High Mobility Group B1 (HMGB1) proteins from the human blood flukes <i>Schistosoma mansoni</i> and <i>Schistosoma japonicum</i> . <i>Gene</i> , 2006, 377, 33-45.	2.2	18
96	Human TNF- α induces differential protein phosphorylation in <i>Schistosoma mansoni</i> adult male worms. <i>Parasitology Research</i> , 2016, 115, 817-828.	1.6	18
97	Differential gene expression elicited by ZIKV infection in trophoblasts from congenital Zika syndrome discordant twins. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008424.	3.0	18
98	Zerg: a very fast BLAST parser library. <i>Bioinformatics</i> , 2003, 19, 1035-1036.	4.1	17
99	Evaluation of reference-based two-color methods for measurement of gene expression ratios using spotted cDNA microarrays. <i>BMC Genomics</i> , 2006, 7, 35.	2.8	17
100	Current developments on <i>Schistosoma</i> proteomics. <i>Acta Tropica</i> , 2008, 108, 183-185.	2.0	17
101	Synergy of Omeprazole and Praziquantel In Vitro Treatment against <i>Schistosoma mansoni</i> Adult Worms. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004086.	3.0	17
102	Splice variants of TLE family genes and up-regulation of a TLE3 isoform in prostate tumors. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 918-923.	2.1	16
103	The antischistosomal potential of GSK-J4, an H3K27 demethylase inhibitor: insights from molecular modeling, transcriptomics and in vitro assays. <i>Parasites and Vectors</i> , 2020, 13, 140.	2.5	15
104	Divalent cation dependence and inhibition of <i>Schistosoma mansoni</i> ATP diphosphohydrolase by fluorosulfonylbenzoyl adenosine. <i>FEBS Journal</i> , 1998, 251, 516-521.	0.2	14
105	Gene expression profiling reveals molecular marker candidates of laryngeal squamous cell carcinoma. <i>Oncology Reports</i> , 2009, , .	2.6	14
106	Identification of protein-coding and non-coding RNA expression profiles in CD34+ and in stromal cells in refractory anemia with ringed sideroblasts. <i>BMC Medical Genomics</i> , 2010, 3, 30.	1.5	14
107	In vitro activity of aryl-thiazole derivatives against <i>Schistosoma mansoni</i> schistosomula and adult worms. <i>PLoS ONE</i> , 2019, 14, e0225425.	2.5	14
108	Long non-coding RNA levels can be modulated by 5-azacytidine in <i>Schistosoma mansoni</i> . <i>Scientific Reports</i> , 2020, 10, 21565.	3.3	14

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109	Protein-coding genes and long noncoding RNAs are differentially expressed in dasatinib-treated chronic myeloid leukemia patients with resistance to imatinib. <i>Hematology</i> , 2014, 19, 31-41.	1.5	13
110	Interaction of an esophageal MEG protein from schistosomes with a human S100 protein involved in inflammatory response. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3490-3497.	2.4	13
111	Use of Degenerate Primers and Touchdown PCR for Construction of cDNA Libraries. <i>BioTechniques</i> , 2002, 32, 1404-1411.	1.8	12
112	Immunization with tegument nucleotidases associated with a subcurative praziquantel treatment reduces worm burden following <i>Schistosoma mansoni</i> challenge. <i>PeerJ</i> , 2013, 1, e58.	2.0	12
113	PVT1 signals an androgen-dependent transcriptional repression program in prostate cancer cells and a set of the repressed genes predicts high-risk tumors. <i>Cell Communication and Signaling</i> , 2021, 19, 5.	6.5	12
114	Effects of proteasome inhibitor MG-132 on the parasite <i>Schistosoma mansoni</i> . <i>PLoS ONE</i> , 2017, 12, e0184192.	2.5	12
115	N-terminal chimeric constructs improve the expression of sarcoplasmic reticulum Ca ²⁺ -ATPase in yeast. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1461, 83-95.	2.6	11
116	Directed Gap Closure in Large-Scale Sequencing Projects. <i>Genome Research</i> , 2001, 11, 901-903.	5.5	11
117	Auto-antibodies in prostate cancer: Humoral immune response to antigenic determinants coded by the differentially expressed transcripts FLJ23438 and VAMP3. <i>Prostate</i> , 2006, 66, 1463-1473.	2.3	11
118	Analysis of <i>Schistosoma mansoni</i> genes shared with Deuterostomia and with possible roles in host interactions. <i>BMC Genomics</i> , 2007, 8, 407.	2.8	11
119	The Brazilian contribution to the study of the <i>Schistosoma mansoni</i> transcriptome. <i>Acta Tropica</i> , 2008, 108, 179-182.	2.0	11
120	Pharmacological inhibition of lysine-specific demethylase 1 (LSD1) induces global transcriptional deregulation and ultrastructural alterations that impair viability in <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008332.	3.0	11
121	Interaction of spin-labeled nucleotides with sarcoplasmic reticulum adenosine triphosphatase. <i>Biochemistry</i> , 1988, 27, 5923-5927.	2.5	10
122	Chromatin Landscape Distinguishes the Genomic Loci of Hundreds of Androgen-Receptor-Associated LincRNAs From the Loci of Non-associated LincRNAs. <i>Frontiers in Genetics</i> , 2018, 9, 132.	2.3	10
123	Different gene expression profiles in iPSC-derived motor neurons from ALS8 patients with variable clinical courses suggest mitigating pathways for neurodegeneration. <i>Human Molecular Genetics</i> , 2020, 29, 1465-1475.	2.9	10
124	Rhesus macaques self-curing from a schistosome infection can display complete immunity to challenge. <i>Nature Communications</i> , 2021, 12, 6181.	12.8	10
125	Loss of Caspase 7 Expression Is Associated With Poor Prognosis in Renal Cell Carcinoma Clear Cell Subtype. <i>Urology</i> , 2013, 82, 974.e1-974.e7.	1.0	9
126	Atlas of <i>Schistosoma mansoni</i> long non-coding RNAs and their expression correlation to protein-coding genes. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	3.0	9

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127	Assessment of reference genes at six different developmental stages of <i>Schistosoma mansoni</i> for quantitative RT-PCR. <i>Scientific Reports</i> , 2021, 11, 16816.	3.3	9
128	Requirement of the hinge domain for dimerization of Ca ²⁺ -ATPase large cytoplasmic portion expressed in bacteria. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1467, 73-84.	2.6	8
129	Curupira-1 and Curupira-2, two novel Mutator-like DNA transposons from the genomes of human parasites <i>Schistosoma mansoni</i> and <i>Schistosoma japonicum</i> . <i>Parasitology</i> , 2011, 138, 1124-1133.	1.5	8
130	Lipid composition and catalytic properties of sarcoplasmic reticulum from normal and dystrophic chicken muscle. <i>Molecular and Cellular Biochemistry</i> , 1983, 56, 39-48.	3.1	7
131	Gene structure and splicing in schistosomes. <i>Journal of Proteomics</i> , 2011, 74, 1515-1518.	2.4	7
132	Dynamic Expression of Long Non-Coding RNAs Throughout Parasite Sexual and Neural Maturation in <i>Schistosoma Japonicum</i> . <i>Non-coding RNA</i> , 2020, 6, 15.	2.6	7
133	Systems Biology Analysis of the Radiation-Attenuated Schistosome Vaccine Reveals a Role for Growth Factors in Protection and Hemostasis Inhibition in Parasite Survival. <i>Frontiers in Immunology</i> , 2021, 12, 624191.	4.8	7
134	Global analysis of wavelength-resolved fluorescence decay in sarcoplasmic reticulum calcium - ATPase. <i>Journal of Luminescence</i> , 1991, 48-49, 430-434.	3.1	5
135	Heterologous expression of sarcoplasmic reticulum Ca ²⁺ -ATPase. <i>Bioscience Reports</i> , 1996, 16, 107-113.	2.4	5
136	Long non-coding RNAs as possible therapeutic targets in protozoa, and in <i>Schistosoma</i> and other helminths. <i>Parasitology Research</i> , 2022, 121, 1091-1115.	1.6	5
137	Probing the Nucleotide Binding Sites of Sarcoplasmic Reticulum Atpase by Photoaffinity Labeling. <i>Biophysical Journal</i> , 1986, 49, 108-109.	0.5	4
138	Long non-coding RNA INXS is a critical mediator of BCL-XS induced apoptosis. <i>Nucleic Acids Research</i> , 2016, 44, gkw713.	14.5	4
139	Human tumor necrosis factor alpha affects the egg-laying dynamics and glucose metabolism of <i>Schistosoma mansoni</i> adult worms in vitro. <i>Parasites and Vectors</i> , 2022, 15, .	2.5	4
140	Concepts on Microarray Design for Genome and Transcriptome Analyses. , 2007, , 265-307.		3
141	High-Quality Draft Genome Sequence Resources of Eight <i>Xylella fastidiosa</i> Strains Isolated from Citrus, Coffee, Plum, and Hibiscus in South America. <i>Phytopathology</i> , 2020, 110, 1751-1755.	2.2	3
142	Metacyclogenesis defects and gene expression hallmarks of histone deacetylase 4-deficient <i>Trypanosoma cruzi</i> cells. <i>Scientific Reports</i> , 2021, 11, 21671.	3.3	3
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