Hassan Hashimi

List of Publications by Year
in descending order

36	1,736	361413 20	377865 34
papers	citations	h-index	g-index

39	39	39	1574
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adaptations of Trypanosoma brucei to gradual loss of kinetoplast DNA: Trypanosoma equiperdum and Trypanosoma evansi are petite mutants of T. brucei. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1999-2004.	7.1	229
2	Unexplained complexity of the mitochondrial genome and transcriptome in kinetoplastid flagellates. Current Genetics, 2005, 48, 277-299.	1.7	180
3	Trypanosomatids Are Much More than Just Trypanosomes: Clues from the Expanded Family Tree. Trends in Parasitology, 2018, 34, 466-480.	3.3	127
4	Trypanosome <scp>RNA</scp> editing: the complexity of getting U in and taking U out. Wiley Interdisciplinary Reviews RNA, 2016, 7, 33-51.	6.4	124
5	Recent advances in trypanosomatid research: genome organization, expression, metabolism, taxonomy and evolution. Parasitology, 2019, 146, 1-27.	1.5	121
6	Programmed cell death in the Drosophila central nervous system midline. Current Biology, 1995, 5, 784-790.	3.9	89
7	Malleable Mitochondrion of Trypanosoma brucei. International Review of Cell and Molecular Biology, 2015, 315, 73-151.	3.2	88
8	TbRGG1, an essential protein involved in kinetoplastid RNA metabolism that is associated with a novel multiprotein complex. Rna, 2008, 14, 970-980.	3.5	82
9	Kinetoplastid guide RNA biogenesis is dependent on subunits of the mitochondrial RNA binding complex 1 and mitochondrial RNA polymerase. Rna, 2009, 15, 588-599.	3.5	82
10	Architecture of the trypanosome RNA editing accessory complex, MRB1. Nucleic Acids Research, 2012, 40, 5637-5650.	14.5	69
11	Trypanosome Letm1 Protein Is Essential for Mitochondrial Potassium Homeostasis. Journal of Biological Chemistry, 2013, 288, 26914-26925.	3.4	57
12	Dual core processing: MRB1 is an emerging kinetoplast RNA editing complex. Trends in Parasitology, 2013, 29, 91-99.	3.3	53
13	Returning to the Fold for Lessons in Mitochondrial Crista Diversity and Evolution. Current Biology, 2020, 30, R575-R588.	3.9	53
14	The Diverged Trypanosome MICOS Complex as a Hub for Mitochondrial Cristae Shaping and Protein Import. Current Biology, 2018, 28, 3393-3407.e5.	3.9	47
15	MRB3010 is a core component of the MRB1 complex that facilitates an early step of the kinetoplastid RNA editing process. Rna, 2011, 17, 865-877.	3.5	42
16	Functional characterization of two paralogs that are novel RNA binding proteins influencing mitochondrial transcripts of Trypanosoma brucei. Rna, 2012, 18, 1846-1861.	3.5	39
17	Gene Loss and Error-Prone RNA Editing in the Mitochondrion of Perkinsela , an Endosymbiotic Kinetoplastid. MBio, 2015, 6, e01498-15.	4.1	28
18	The assembly of F1FO-ATP synthase is disrupted upon interference of RNA editing in Trypanosoma brucei. International Journal for Parasitology, 2010, 40, 45-54.	3.1	26

#	Article	IF	Citations
19	A Core MRB1 Complex Component Is Indispensable for RNA Editing in Insect and Human Infective Stages of Trypanosoma brucei. PLoS ONE, 2013, 8, e78015.	2.5	24
20	Mitochondrial translation factors of <scp>T</scp>rypanosoma brucei: elongation factorâ€<scp>Tu</scp> has a unique subdomain that is essential for its function. Molecular Microbiology, 2013, 90, 744-755.	2.5	23
21	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.	2.5	19
22	Differential Binding of Mitochondrial Transcripts by MRB8170 and MRB4160 Regulates Distinct Editing Fates of Mitochondrial mRNA in Trypanosomes. MBio, 2017, 8, .	4.1	17
23	Integrity of the core mitochondrial RNA-binding complex 1 is vital for trypanosome RNA editing. Rna, 2015, 21, 2088-2102.	3.5	16
24	Futile import of tRNAs and proteins into the mitochondrion of Trypanosoma brucei evansi. Molecular and Biochemical Parasitology, 2011, 176, 116-120.	1.1	15
25	Ultrastructural Changes of the Mitochondrion During the Life Cycle of Trypanosomabrucei. Journal of Eukaryotic Microbiology, 2021, 68, e12846.	1.7	15
26	The highly diverged trypanosomal MICOS complex is organized in a nonessential integral membrane and an essential peripheral module. Molecular Microbiology, 2019, 112, 1731-1743.	2.5	14
27	Dynamin-like proteins in Trypanosoma brucei: A division of labour between two paralogs?. PLoS ONE, 2017, 12, e0177200.	2.5	13
28	Mitochondrial Contact Site and Cristae Organization System and F ₁ F _O -ATP Synthase Crosstalk Is a Fundamental Property of Mitochondrial Cristae. MSphere, 2021, 6, e0032721.	2.9	10
29	A parasiteâ€™s take on the evolutionary cell biology of MICOS. PLoS Pathogens, 2019, 15, e1008166.	4.7	9
30	TbUTP10, a protein involved in early stages of pre-18S rRNA processing in Trypanosoma brucei. Molecular and Biochemical Parasitology, 2018, 225, 84-93.	1.1	7
31	The Remarkable Mitochondrion of Trypanosomes and Related Flagellates. Microbiology Monographs, 2010, , 227-252.	0.6	6
32	Dynamics of Mitochondrial RNA-Binding Protein Complex in Trypanosoma brucei and Its Petite Mutant under Optimized Immobilization Conditions. Eukaryotic Cell, 2014, 13, 1232-1240.	3.4	4
33	Trypanosome Mitochondrial Translation and Tetracycline: No Sweat about Tet. PLoS Pathogens, 2016, 12, e1005492.	4.7	4
34	The essential cysteines in the CIPC motif of the thioredoxin-like Trypanosoma brucei MICOS subunit TbMic20 do not form an intramolecular disulfide bridge in vivo. Molecular and Biochemical Parasitology, 2022, 248, 111463.	1.1	2
35	Erratum for Cadena et al., â€œMitochondrial Contact Site and Cristae Organization System and F ₁ F _O -ATP Synthase Crosstalk Is a Fundamental Property of Mitochondrial Cristaeâ€. MSphere, 2022, , e0018922.	2.9	0
36	Kinetoplastidâ€specific <scp>X2</scp>â€family kinesins interact with a kinesinâ€like pleckstrin homology domain protein that localizes to the trypanosomal microtubule quartet. Molecular Microbiology, 2022, 118, 155-174.	2.5	0