

Michael Duzenko

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

5,306
citations

304743

22
h-index

289244

40
g-index

43
all docs

43
docs citations

43
times ranked

12126
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Natively Inhibited <i>Trypanosoma brucei</i> Cathepsin B Structure Determined by Using an X-ray Laser. <i>Science</i> , 2013, 339, 227-230.	12.6	393
3	Serial crystallography on <i>in vivo</i> grown microcrystals using synchrotron radiation. <i>IUCr</i> , 2014, 1, 87-94.	2.2	204
4	Autophagy in protists. <i>Autophagy</i> , 2011, 7, 127-158.	9.1	148
5	The impact of erythrocyte age on eryptosis. <i>British Journal of Haematology</i> , 2012, 157, 606-614.	2.5	134
6	A metacaspase of <i>Trypanosoma brucei</i> causes loss of respiration competence and clonal death in the yeast <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 2002, 517, 144-150.	2.8	125
7	Identification of a Novel Prostaglandin F ₂ Synthase in <i>Trypanosoma brucei</i> . <i>Journal of Experimental Medicine</i> , 2000, 192, 1327-1338.	8.5	111
8	Death of a trypanosome: a selfish altruism. <i>Trends in Parasitology</i> , 2006, 22, 536-542.	3.3	104
9	Targeting essential pathways in trypanosomatids gives insights into protozoan mechanisms of cell death. <i>Parasites and Vectors</i> , 2010, 3, 107.	2.5	97
10	A novel cultivation technique for long-term maintenance of bloodstream form trypanosomes <i>in vitro</i> . <i>Molecular and Biochemical Parasitology</i> , 1995, 70, 157-166.	1.1	86
11	Ammonia permeability of the aquaglyceroporins from <i>Plasmodium falciparum</i> , <i>Toxoplasma gondii</i> and <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2006, 61, 1598-1608.	2.5	80
12	Differentiation of <i>Trypanosoma brucei</i> bloodstream trypomastigotes from long slender to short stumpy-like forms in axenic culture. <i>Molecular and Biochemical Parasitology</i> , 1990, 40, 13-22.	1.1	76
13	Age Sensitivity of NF κ B Abundance and Programmed Cell Death in Erythrocytes Induced by NF κ B Inhibitors. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 801-813.	1.6	76
14	Programmed cell death in unicellular parasites: a prerequisite for sustained infection?. <i>Trends in Parasitology</i> , 2010, 26, 477-483.	3.3	53
15	Cyclical Appearance of African Trypanosomes in the Cerebrospinal Fluid: New Insights in How Trypanosomes Enter the CNS. <i>PLoS ONE</i> , 2014, 9, e91372.	2.5	49
16	Antiproliferative Effect of Dihydroxyacetone on <i>Trypanosoma brucei</i> Bloodstream Forms: Cell Cycle Progression, Subcellular Alterations, and Cell Death. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 3960-3968.	3.2	45
17	African trypanosomes and brain infection – the unsolved question. <i>Biological Reviews</i> , 2017, 92, 1675-1687.	10.4	43
18	Late Stage Infection in Sleeping Sickness. <i>PLoS ONE</i> , 2012, 7, e34304.	2.5	41

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19	The lane to the brain: how African trypanosomes invade the CNS. Trends in Parasitology, 2014, 30, 470-477.	3.3	37
20	<i>Trypanosoma brucei</i> ATG8: Structural insights into autophagic-like mechanisms in protozoa. Autophagy, 2009, 5, 1085-1091.	9.1	36
21	Eryptosis: Programmed Death of Nucleus-Free, Iron-Filled Blood Cells. Cells, 2022, 11, 503.	4.1	30
22	Oxidative Stress and Energy Metabolism in the Brain: Midlife as a Turning Point. Antioxidants, 2021, 10, 1715.	5.1	29
23	<i>In vivo</i> protein crystallization in combination with highly brilliant radiation sources offers novel opportunities for the structural analysis of post-translationally modified eukaryotic proteins. Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 929-937.	0.8	20
24	Dihydroxyacetone Induced Autophagy in African Trypanosomes. Autophagy, 2007, 3, 626-629.	9.1	19
25	Protein phase separation and determinants of in cell crystallization. Traffic, 2020, 21, 220-230.	2.7	18
26	Spermine isolated and identified as the major trypanocidal compound from the snake venom of <i>Eristocophis macmahoni</i> causes autophagy in <i>Trypanosoma brucei</i> . Toxicon, 2007, 50, 457-469.	1.6	17
27	<i>Trypanosoma Brucei</i> Aquaglyceroporins Facilitate the Uptake of Arsenite and Antimonite in a pH Dependent Way. Cellular Physiology and Biochemistry, 2013, 32, 880-888.	1.6	17
28	Chapter Twenty-Five Kinetoplastida. Methods in Enzymology, 2008, 451, 373-408.	1.0	16
29	Synthesis of octyl O- and S-glycosides related to the GPI anchor of <i>Trypanosoma brucei</i> and their in vitro galactosylation by trypanosomal β -galactosyltransferases. Carbohydrate Research, 1996, 295, 7-23.	2.3	13
30	Morphological changes, nitric oxide production, and phagocytosis are triggered in vitro in microglia by bloodstream forms of <i>Trypanosoma brucei</i> . Scientific Reports, 2018, 8, 15002.	3.3	13
31	In vitro translation in a cell-free system from <i>Trypanosoma brucei</i> yields glycosylated and glycosylphosphatidylinositol-anchored proteins. FEBS Journal, 1999, 266, 789-797.	0.2	11
32	Troglitazone induces differentiation in <i>Trypanosoma brucei</i> . Experimental Cell Research, 2007, 313, 1805-1819.	2.6	11
33	Microglia in neuropathology caused by protozoan parasites. Biological Reviews, 2020, 95, 333-349.	10.4	7
34	All-digital training course in neurophysiology: lessons learned from the COVID-19 pandemic. BMC Medical Education, 2022, 22, 3.	2.4	7
35	Clomipramine kills <i>Trypanosoma brucei</i> by apoptosis. International Journal of Medical Microbiology, 2016, 306, 196-205.	3.6	4
36	Transmigration of <i>Trypanosoma brucei</i> across an in vitro blood-cerebrospinal fluid barrier. IScience, 2022, 25, 104014.	4.1	4

#	ARTICLE	IF	CITATIONS
37	Specific inhibition of an alpha-galactosyltransferase from <i>Trypanosoma brucei</i> by synthetic substrate analogues. <i>Glycoconjugate Journal</i> , 1999, 16, 537-544.	2.7	3
38	Brain infection by African trypanosomes during sleeping sickness. <i>Neurology Psychiatry and Brain Research</i> , 2012, 18, 49-51.	2.0	3
39	The conserved hypothetical protein Tb427.10.13790 is required for cytokinesis in <i>Trypanosoma brucei</i> . <i>Acta Tropica</i> , 2018, 188, 34-40.	2.0	2
40	Programmed Cell Death in African Trypanosomes. , 2008, , 39-48.		1
41	Assessment of Parasite-€"Microglia Interactions In Vitro. <i>Methods in Molecular Biology</i> , 2019, 2034, 149-161.	0.9	0