Michael Duszenko

List of Publications by Year
in descending order

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	All-digital training course in neurophysiology: lessons learned from the COVID-19 pandemic. BMC Medical Education, 2022, 22, 3.	2.4	7
2	Eryptosis: Programmed Death of Nucleus-Free, Iron-Filled Blood Cells. Cells, 2022, 11, 503.	4.1	30
3	Transmigration of Trypanosoma brucei across an inÂvitro blood-cerebrospinal fluid barrier. IScience, 2022, 25, 104014.	4.1	4
4	Oxidative Stress and Energy Metabolism in the Brain: Midlife as a Turning Point. Antioxidants, 2021, 10, 1715.	5.1	29
5	Microglia in neuropathology caused by protozoan parasites. Biological Reviews, 2020, 95, 333-349.	10.4	7
6	Protein phase separation and determinants of in cell crystallization. Traffic, 2020, 21, 220-230.	2.7	18
7	Assessment of Parasiteâ€“Microglia Interactions In Vitro. Methods in Molecular Biology, 2019, 2034, 149-161.	0.9	0
8	Morphological changes, nitric oxide production, and phagocytosis are triggered in vitro in microglia by bloodstream forms of Trypanosoma brucei. Scientific Reports, 2018, 8, 15002.	3.3	13
9	The conserved hypothetical protein Tb427.10.13790 is required for cytokinesis in Trypanosoma brucei. Acta Tropica, 2018, 188, 34-40.	2.0	2
10	African trypanosomes and brain infectionÂâ€“Âthe unsolved question. Biological Reviews, 2017, 92, 1675-1687.	10.4	43
11	Clomipramine kills Trypanosoma brucei by apoptosis. International Journal of Medical Microbiology, 2016, 306, 196-205.	3.6	4
12	In vivoprotein 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
13	Cyclical Appearance of African Trypanosomes in the Cerebrospinal Fluid: New Insights in How Trypanosomes Enter the CNS. PLoS ONE, 2014, 9, e91372.	2.5	49
14	The lane to the brain: how African trypanosomes invade the CNS. Trends in Parasitology, 2014, 30, 470-477.	3.3	37
15	Serial crystallography onin vivogrown microcrystals using synchrotron radiation. IUCrJ, 2014, 1, 87-94.	2.2	204
16	Natively Inhibited Trypanosoma brucei Cathepsin B Structure Determined by Using an X-ray Laser. Science, 2013, 339, 227-230.	12.6	393
17	Age Sensitivity of NFÎºB Abundance and Programmed Cell Death in Erythrocytes Induced by NFÎºB Inhibitors. Cellular Physiology and Biochemistry, 2013, 32, 801-813.	1.6	76
18	Trypanosoma Brucei Aquaglyceroporins Facilitate the Uptake of Arsenite and Antimonite in a pH Dependent Way. Cellular Physiology and Biochemistry, 2013, 32, 880-888.	1.6	17

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19	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
20	Brain infection by African trypanosomes during sleeping sickness. Neurology Psychiatry and Brain Research, 2012, 18, 49-51.	2.0	3
21	The impact of erythrocyte age on eryptosis. British Journal of Haematology, 2012, 157, 606-614.	2.5	134
22	Late Stage Infection in Sleeping Sickness. PLoS ONE, 2012, 7, e34304.	2.5	41
23	Autophagy in protists. Autophagy, 2011, 7, 127-158.	9.1	148
24	Programmed cell death in unicellular parasites: a prerequisite for sustained infection?. Trends in Parasitology, 2010, 26, 477-483.	3.3	53
25	Targeting essential pathways in trypanosomatids gives insights into protozoan mechanisms of cell death. Parasites and Vectors, 2010, 3, 107.	2.5	97
26	Trypanosoma bruceiATG8: Structural insights into autophagic-like mechanisms in protozoa. Autophagy, 2009, 5, 1085-1091.	9.1	36
27	Chapter Twentyâ€Five Kinetoplastida. Methods in Enzymology, 2008, 451, 373-408.	1.0	16
28	Programmed Cell Death in African Trypanosomes. , 2008, , 39-48.		1
29	Dihydroxyacetone Induced Autophagy in African Trypanosomes. Autophagy, 2007, 3, 626-629.	9.1	19
30	Antiproliferative Effect of Dihydroxyacetone on Trypanosoma brucei Bloodstream Forms: Cell Cycle Progression, Subcellular Alterations, and Cell Death. Antimicrobial Agents and Chemotherapy, 2007, 51, 3960-3968.	3.2	45
31	Spermine isolated and identified as the major trypanocidal compound from the snake venom of Eristocophis macmahoni causes autophagy in Trypanosoma brucei. Toxicon, 2007, 50, 457-469.	1.6	17
32	Troglitazone induces differentiation in Trypanosoma brucei. Experimental Cell Research, 2007, 313, 1805-1819.	2.6	11
33	Ammonia permeability of the aquaglyceroporins from Plasmodium falciparum, Toxoplasma gondii and Trypansoma brucei. Molecular Microbiology, 2006, 61, 1598-1608.	2.5	80
34	Death of a trypanosome: a selfish altruism. Trends in Parasitology, 2006, 22, 536-542.	3.3	104
35	A metacaspase ofTrypanosoma bruceicauses loss of respiration competence and clonal death in the yeastSaccharomyces cerevisiae. FEBS Letters, 2002, 517, 144-150.	2.8	125
36	Identification of a Novel Prostaglandin F2Î± Synthase in Trypanosoma brucei. Journal of Experimental Medicine, 2000, 192, 1327-1338.	8.5	111

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37	In vitrotranslation in a cell-free system fromTrypanosoma bruceiyields glycosylated and glycosylphosphatidylinositol-anchored proteins. FEBS Journal, 1999, 266, 789-797.	0.2	11
38	Specific inhibition of an alpha-galactosyltransferase from Trypanosoma brucei by synthetic substrate analogues. Glycoconjugate Journal, 1999, 16, 537-544.	2.7	3
39	Synthesis of octyl O- and S-glycosides related to the GPI anchor of Trypanosoma brucei and their in vitro galactosylation by trypanosomal Î±-galactosyltransferases. Carbohydrate Research, 1996, 295, 7-23.	2.3	13
40	A novel cultivation technique for long-term maintenance of bloodstream form trypanosomes in vitro. Molecular and Biochemical Parasitology, 1995, 70, 157-166.	1.1	86
41	Differentiation of Trypanosoma brucei bloodstream trypomastigotes from long slender to short stumpy-like forms in axenic culture. Molecular and Biochemical Parasitology, 1990, 40, 13-22.	1.1	76