

# Belinda S Hall

## List of Publications by Year in descending order

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41  
papers

2,131  
citations

172386

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docs citations

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times ranked

2655  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nifurtimox Activation by Trypanosomal Type I Nitroreductases Generates Cytotoxic Nitrile Metabolites. <i>Journal of Biological Chemistry</i> , 2011, 286, 13088-13095.	1.6	195
2	Activation of Benznidazole by Trypanosomal Type I Nitroreductases Results in Glyoxal Formation. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 115-123.	1.4	179
3	The Pathogenic Mechanism of the <i>Mycobacterium ulcerans</i> Virulence Factor, Mycolactone, Depends on Blockade of Protein Translocation into the ER. <i>PLoS Pathogens</i> , 2014, 10, e1004061.	2.1	129
4	Benznidazole-Resistance in <i>Trypanosoma cruzi</i> Is a Readily Acquired Trait That Can Arise Independently in a Single Population. <i>Journal of Infectious Diseases</i> , 2012, 206, 220-228.	1.9	115
5	Trypanocidal Activity of Nitroaromatic Prodrugs: Current Treatments and Future Perspectives. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2072-2084.	1.0	108
6	Rab5 and Rab11 mediate transferrin and anti-variant surface glycoprotein antibody recycling in <i>Trypanosoma brucei</i> . <i>Biochemical Journal</i> , 2003, 374, 443-451.	1.7	93
7	A Model for Sequestration of the Transmission Stages of <i>Plasmodium falciparum</i> : Adhesion of Gametocyte-Infected Erythrocytes to Human Bone Marrow Cells. <i>Infection and Immunity</i> , 2000, 68, 3455-3462.	1.0	89
8	Differential Endocytic Functions of <i>Trypanosoma brucei</i> Rab5 Isoforms Reveal a Glycosylphosphatidylinositol-specific Endosomal Pathway. <i>Journal of Biological Chemistry</i> , 2002, 277, 9529-9539.	1.6	83
9	The kinetoplastida endocytic apparatus. Part I: a dynamic system for nutrition and evasion of host defences. <i>Trends in Parasitology</i> , 2002, 18, 491-496.	1.5	73
10	The endocytic apparatus of the kinetoplastida. Part II: machinery and components of the system. <i>Trends in Parasitology</i> , 2002, 18, 540-546.	1.5	64
11	TbVps34, the Trypanosome Orthologue of Vps34, Is Required for Golgi Complex Segregation. <i>Journal of Biological Chemistry</i> , 2006, 281, 27600-27612.	1.6	61
12	Exploiting the Drug-Activating Properties of a Novel Trypanosomal Nitroreductase. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 1193-1199.	1.4	59
13	Inhibition of Sec61-dependent translocation by mycolactone uncouples the integrated stress response from ER stress, driving cytotoxicity via translational activation of ATF4. <i>Cell Death and Disease</i> , 2018, 9, 397.	2.7	59
14	Ipomoeassin F Binds Sec61 $\beta$ to Inhibit Protein Translocation. <i>Journal of the American Chemical Society</i> , 2019, 141, 8450-8461.	6.6	58
15	Developmental Variation in Rab11-Dependent Trafficking in <i>Trypanosoma brucei</i> . <i>Eukaryotic Cell</i> , 2005, 4, 971-980.	3.4	55
16	Both of the Rab5 subfamily small GTPases of <i>Trypanosoma brucei</i> are essential and required for endocytosis. <i>Molecular and Biochemical Parasitology</i> , 2004, 138, 67-77.	0.5	53
17	Pleiotropic molecular effects of the <i>Mycobacterium ulcerans</i> virulence factor mycolactone underlying the cell death and immunosuppression seen in Buruli ulcer. <i>Biochemical Society Transactions</i> , 2014, 42, 177-183.	1.6	51
18	Synthesis and anti-parasitic activity of a novel quinolinoneâ€“chalcone series. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6436-6441.	1.0	48

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19	Dual Role for Transforming Growth Factor $\beta$ -Dependent Signaling in Trypanosoma cruzi Infection of Mammalian Cells. <i>Infection and Immunity</i> , 2000, 68, 2077-2081.	1.0	47
20	New Approaches to the Microscopic Imaging of Trypanosoma brucei. <i>Microscopy and Microanalysis</i> , 2004, 10, 621-636.	0.2	47
21	Structure of the Inhibited State of the Sec Translocon. <i>Molecular Cell</i> , 2020, 79, 406-415.e7.	4.5	44
22	Trypanocidal Activity of Aziridinyl Nitrobenzamide Prodrugs. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4246-4252.	1.4	42
23	Norovirus infection results in eIF2 $\beta$ independent host translation shut-off and remodels the G3BP1 interactome evading stress granule formation. <i>PLoS Pathogens</i> , 2020, 16, e1008250.	2.1	41
24	Mycolactone-Dependent Depletion of Endothelial Cell Thrombomodulin Is Strongly Associated with Fibrin Deposition in Buruli Ulcer Lesions. <i>PLoS Pathogens</i> , 2015, 11, e1005011.	2.1	38
25	Synthesis and structure-activity relationships of nitrobenzyl phosphoramidate mustards as nitroreductase-activated prodrugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3986-3991.	1.0	36
26	Rab4 Is an Essential Regulator of Lysosomal Trafficking in Trypanosomes. <i>Journal of Biological Chemistry</i> , 2004, 279, 45047-45056.	1.6	35
27	Targeting the Substrate Preference of a Type I Nitroreductase To Develop Antitrypanosomal Quinone-Based Prodrugs. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5821-5830.	1.4	32
28	Evaluating 5-Nitrofurans as Trypanocidal Agents. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1638-1647.	1.4	32
29	The role of genomic location and flanking 3'UTR in the generation of functional levels of variant surface glycoprotein in <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2017, 106, 614-634.	1.2	32
30	Evidence for a non-LDL-mediated entry route for the trypanocidal drug suramin in Trypanosoma brucei. <i>Molecular and Biochemical Parasitology</i> , 2002, 122, 217-221.	0.5	29
31	An Essential Type I Nitroreductase from Leishmania major Can Be Used to Activate Leishmanicidal Prodrugs. <i>Journal of Biological Chemistry</i> , 2013, 288, 28466-28476.	1.6	29
32	Trypanosoma brucei: TbRAB4 regulates membrane recycling and expression of surface proteins in procyclic forms. <i>Experimental Parasitology</i> , 2005, 111, 160-171.	0.5	20
33	Dynamic colocalization of 2 simultaneously active <i>VSG</i> expression sites within a single expression-site body in <i>Trypanosoma brucei</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16561-16570.	3.3	15
34	Mycolactone enhances the Ca <sup>2+</sup> leak from endoplasmic reticulum by trapping Sec61 translocons in a Ca <sup>2+</sup> permeable state. <i>Biochemical Journal</i> , 2021, 478, 4005-4024.	1.7	13
35	TbSAP is a novel chromatin protein repressing metacyclic variant surface glycoprotein expression sites in bloodstream form <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 2021, 49, 3242-3262.	6.5	7
36	Inhibition of the SEC61 translocon by mycolactone induces a protective autophagic response controlled by EIF2S1-dependent translation that does not require ULK1 activity. <i>Autophagy</i> , 2021, , 1-19.	4.3	6

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37	The One That Got Away: How Macrophage-Derived IL-1 $\beta$ Escapes the Mycolactone-Dependent Sec61 Blockade in Buruli Ulcer. <i>Frontiers in Immunology</i> , 2021, 12, 788146.	2.2	6
38	Aberrant stromal tissue factor localisation and mycolactone-driven vascular dysfunction, exacerbated by IL-1 $\beta$ , are linked to fibrin formation in Buruli ulcer lesions. <i>PLoS Pathogens</i> , 2022, 18, e1010280.	2.1	5
39	Two major tyrosine protein kinases of resting human T lymphocytes are down-regulated following mitotic stimulation. <i>FEBS Letters</i> , 1987, 223, 6-10.	1.3	3
40	Multiple tyrosine protein kinases structurally related to p56lck are down-regulated following mitogenic stimulation of human T lymphocytes. <i>Biochemical and Biophysical Research Communications</i> , 1990, 170, 127-133.	1.0	0
41	Synthesis, Biological Evaluation and Docking Studies of Ring-Opened Analogues of Ipomoeassin F. <i>Molecules</i> , 2022, 27, 4419.	1.7	0