

# Ashton T Belew

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

660  
citations

687363

13  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1031  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Analyses Identify Manganese Homeostasis as a Driver of Group B Streptococcal Vaginal Colonization. <i>MBio</i> , 2022, 13, .	4.1	9
2	A <i>Trypanosoma cruzi</i> zinc finger protein that is implicated in the control of epimastigote-specific gene expression and metacyclogenesis. <i>Parasitology</i> , 2021, 148, 1171-1185.	1.5	12
3	Physiological magnesium concentrations increase fidelity of diverse reverse transcriptases from HIV-1, HIV-2, and foamy virus, but not MuLV or AMV. <i>Journal of General Virology</i> , 2021, 102, .	2.9	0
4	Identification of Zinc-Dependent Mechanisms Used by Group B <i>Streptococcus</i> To Overcome Calprotectin-Mediated Stress. <i>MBio</i> , 2020, 11, .	4.1	30
5	The transition of M-CSF-derived human macrophages to a growth-promoting phenotype. <i>Blood Advances</i> , 2020, 4, 5460-5472.	5.2	17
6	Gene expression network analyses during infection with virulent and avirulent <i>Trypanosoma cruzi</i> strains unveil a role for fibroblasts in neutrophil recruitment and activation. <i>PLoS Pathogens</i> , 2020, 16, e1008781.	4.7	9
7	Protocols for Tn-seq Analyses in the Group A <i>Streptococcus</i> . <i>Methods in Molecular Biology</i> , 2020, 2136, 33-57.	0.9	0
8	Host and parasite responses in human diffuse cutaneous leishmaniasis caused by <i>L. amazonensis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007152.	3.0	58
9	Discovery of glycerol phosphate modification on streptococcal rhamnose polysaccharides. <i>Nature Chemical Biology</i> , 2019, 15, 463-471.	8.0	53
10	Glucose Levels Alter the Mga Virulence Regulon in the Group A <i>Streptococcus</i> . <i>Scientific Reports</i> , 2018, 8, 4971.	3.3	33
11	Differential Content of Proteins, mRNAs, and miRNAs Suggests that MDSC and Their Exosomes May Mediate Distinct Immune Suppressive Functions. <i>Journal of Proteome Research</i> , 2018, 17, 486-498.	3.7	84
12	The Transcriptional Regulator CpsY Is Important for Innate Immune Evasion in <i>Streptococcus pyogenes</i> . <i>Infection and Immunity</i> , 2017, 85, .	2.2	6
13	Genome-wide discovery of novel MIT1 group A streptococcal determinants important for fitness and virulence during soft-tissue infection. <i>PLoS Pathogens</i> , 2017, 13, e1006584.	4.7	42
14	The <i>fruRBA</i> Operon Is Necessary for Group A Streptococcal Growth in Fructose and for Resistance to Neutrophil Killing during Growth in Whole Human Blood. <i>Infection and Immunity</i> , 2016, 84, 1016-1031.	2.2	23
15	Essential Genes in the Core Genome of the Human Pathogen <i>Streptococcus pyogenes</i> . <i>Scientific Reports</i> , 2015, 5, 9838.	3.3	114
16	Cell cycle control (and more) by programmed $\sim 1$ ribosomal frameshifting: implications for disease and therapeutics. <i>Cell Cycle</i> , 2015, 14, 172-178.	2.6	29
17	Yeast telomere maintenance is globally controlled by programmed ribosomal frameshifting and the nonsense-mediated mRNA decay pathway. <i>Translation</i> , 2013, 1, e24418.	2.9	27
18	Endogenous ribosomal frameshift signals operate as mRNA destabilizing elements through at least two molecular pathways in yeast. <i>Nucleic Acids Research</i> , 2011, 39, 2799-2808.	14.5	62

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19	PRFdb: A database of computationally predicted eukaryotic programmed -1 ribosomal frameshift signals. BMC Genomics, 2008, 9, 339.	2.8	51