Trevor F Moraes

List of Publications by Year in Descending Order

45 papers	1,257 citations	21 h-index	34 g-index
51 ext. papers	1,579 ext. citations	9.1 avg, IF	4.59 L-index

#	Paper	IF	Citations
45	A Slam-dependent hemophore contributes to heme acquisition in the bacterial pathogen Acinetobacter baumannii. *Nature Communications*, **2021**, 12, 6270	17.4	4
44	Inhibition of polar actin assembly by astral microtubules is required for cytokinesis. *Nature Communications*, **2021**, 12, 2409	17.4	4
43	The surface lipoproteins of gram-negative bacteria: Protectors and foragers in harsh environments. *Journal of Biological Chemistry*, **2021**, 296, 100147	5.4	6
42	Lactoferrin receptors in Gram-negative bacteria: an evolutionary perspective. *Biochemistry and Cell Biology*, **2021**, 99, 102-108	3.6	6
41	A phage-encoded anti-activator inhibits quorum sensing in Pseudomonas aeruginosa. *Molecular Cell* , **2021**, 81, 571-583.e6	17.6	30
40	Actinobacillus utilizes a binding protein-dependent ABC transporter to acquire the active form of vitamin B. *Journal of Biological Chemistry*, **2021**, 297, 101046	5.4	2
39	Transferrin Binding Protein B and Transferrin Binding Protein A2 Expand the Transferrin Recognition Range of. *Journal of Bacteriology*, **2020**, 202,	3.5	1
38	The scaffold-protein IQGAP1 enhances and spatially restricts the actin-nucleating activity of Diaphanous-related formin 1 (DIAPH1). *Journal of Biological Chemistry*, **2020**, 295, 3134-3147	5.4	5
37	Uev1A amino terminus stimulates poly-ubiquitin chain assembly and is required for NF-B activation. *Cellular Signalling*, **2020**, 74, 109712	4.9	2
36	Inhibition of CRISPR-Cas9 ribonucleoprotein complex assembly by anti-CRISPR AcrIIC2. *Nature Communications*, **2019**, 10, 2806	17.4	30
35	Utility of Hybrid Transferrin Binding Protein Antigens for Protection Against Pathogenic Neisseria Species. *Frontiers in Immunology*, **2019**, 10, 247	8.4	13
34	Structural Basis for Evasion of Nutritional Immunity by the Pathogenic. *Frontiers in Microbiology*, **2019**, 10, 2981	5.7	6
33	Translocation of lipoproteins to the surface of gram negative bacteria. *Current Opinion in Structural Biology*, **2018**, 51, 73-79	8.1	14
32	Global landscape of cell envelope protein complexes in Escherichia coli. *Nature Biotechnology*, **2018** , 36, 103-112	44.5	68
31	Iron acquisition through the bacterial transferrin receptor. *Critical Reviews in Biochemistry and Molecular Biology*, **2017**, 52, 314-326	8.7	23
30	Neisserial surface lipoproteins: structure, function and biogenesis. *Pathogens and Disease*, **2017**, 75,	4.2	16
29	Disabling a Type I-E CRISPR-Cas Nuclease with a Bacteriophage-Encoded Anti-CRISPR Protein. *MBio*, **2017**, 8,	7.8	42

28	Structural biology of solute carrier (SLC) membrane transport proteins. *Molecular Membrane Biology*, **2017**, 34, 1-32	3.4	74
27	Identification of a Large Family of Slam-Dependent Surface Lipoproteins in Gram-Negative Bacteria. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 207	5.9	18
26	Lactoferrin binding protein B - a bi-functional bacterial receptor protein. *PLoS Pathogens*, **2017**, 13, e1006244	7.6	16
25	Slam is an outer membrane protein that is required for the surface display of lipidated virulence factors in Neisseria. *Nature Microbiology*, **2016**, 1, 16009	26.6	42
24	YANDYlogic gates at work: Crystal structure of Rad53 bound to Dbf4 and Cdc7. *Scientific Reports*, **2016**, 6, 34237	4.9	15
23	Effect of SLC26 anion transporter disease-causing mutations on the stability of the homologous STAS domain of E. coli DauA (YchM). *Biochemical Journal*, **2016**, 473, 615-26	3.8	6
22	Binding properties of YjeQ (RsgA), RbfA, RimM and Era to assembly intermediates of the 30S subunit. *Nucleic Acids Research*, **2016**, 44, 9918-9932	20.1	26
21	A method for measuring binding constants using unpurified in vivo biotinylated ligands. *Analytical Biochemistry*, **2016**, 501, 35-43	3.1	4
20	PilN Binding Modulates the Structure and Binding Partners of the Pseudomonas aeruginosa Type IVa Pilus Protein PilM. *Journal of Biological Chemistry*, **2016**, 291, 11003-15	5.4	28
19	Nonbinding site-directed mutants of transferrin binding protein B exhibit enhanced immunogenicity and protective capabilities. *Infection and Immunity*, **2015**, 83, 1030-8	3.7	37
18	Solute carriers keep on rockinY *Nature Structural and Molecular Biology*, **2015**, 22, 752-4	17.6	8
17	The molecular mechanism of Zinc acquisition by the neisserial outer-membrane transporter ZnuD. *Nature Communications*, **2015**, 6, 7996	17.4	44
16	Patterns of structural and sequence variation within isotype lineages of the Neisseria meningitidis transferrin receptor system. *MicrobiologyOpen*, **2015**, 4, 491-504	3.4	14
15	Active Transport of Phosphorylated Carbohydrates Promotes Intestinal Colonization and Transmission of a Bacterial Pathogen. *PLoS Pathogens*, **2015**, 11, e1005107	7.6	14
14	Structural Aspects of Bacterial Outer Membrane Protein Assembly. *Advances in Experimental Medicine and Biology*, **2015**, 883, 255-70	3.6	5
13	Bacterial receptors for host transferrin and lactoferrin: molecular mechanisms and role in host-microbe interactions. *Future Microbiology*, **2013**, 8, 1575-85	2.9	46
12	A substrate access tunnel in the cytosolic domain is not an essential feature of the solute carrier 4 (SLC4) family of bicarbonate transporters. *Journal of Biological Chemistry*, **2013**, 288, 33848-33860	5.4	26
11	Membrane transport metabolons. *Biochimica Et Biophysica Acta - Biomembranes*, **2012**, 1818, 2687-706	3.8	57

10	Steric and allosteric factors prevent simultaneous binding of transferrin-binding proteins A and B to transferrin. *Biochemical Journal*, **2012**, 444, 189-97	3.8	5
9	The structural basis of transferrin sequestration by transferrin-binding protein B. *Nature Structural and Molecular Biology*, **2012**, 19, 358-60	17.6	52
8	Conserved interaction between transferrin and transferrin-binding proteins from porcine pathogens. *Journal of Biological Chemistry*, **2011**, 286, 21353-60	5.4	15
7	Anchor peptide of transferrin-binding protein B is required for interaction with transferrin-binding protein A. *Journal of Biological Chemistry*, **2011**, 286, 45165-73	5.4	17
6	Structural variations within the transferrin binding site on transferrin-binding protein B, TbpB. *Journal of Biological Chemistry*, **2011**, 286, 12683-92	5.4	37
5	Insights into the bacterial transferrin receptor: the structure of transferrin-binding protein B from Actinobacillus pleuropneumoniae. *Molecular Cell*, **2009**, 35, 523-33	17.6	65
4	Piecing together the type III injectisome of bacterial pathogens. *Current Opinion in Structural Biology*, **2008**, 18, 258-66	8.1	73
3	An arginine ladder in OprP mediates phosphate-specific transfer across the outer membrane. *Nature Structural and Molecular Biology*, **2007**, 14, 85-7	17.6	69
2	Energetics and specificity of interactions within Ub.Uev.Ubc13 human ubiquitin conjugation complexes. *Biochemistry*, **2003**, 42, 7922-30	3.2	40
1	Crystal structure of the human ubiquitin conjugating enzyme complex, hMms2-hUbc13. *Nature Structural Biology*, **2001**, 8, 669-73		130