Cynthia Nau Cornelissen

List of Publications by Year
in descending order

22	937	840776 11	713466 21
papers	citations	h-index	g-index

23	23	23	575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Iron piracy: acquisition of transferrin-bound iron by bacterial pathogens. Molecular Microbiology, 1994, 14, 843-850.	2.5	259
2	The transferrin receptor expressed by gonococcal strain FA1090 is required for the experimental infection of human male volunteers. Molecular Microbiology, 1998, 27, 611-616.	2.5	220
3	Transferrin-iron uptake by gram-negative bacteria. Frontiers in Bioscience - Landmark, 2003, 8, d836-847.	3.0	65
4	TonB-Dependent Transporters Expressed by Neisseria gonorrhoeae. Frontiers in Microbiology, 2011, 2, 117.	3.5	63
5	Subversion of nutritional immunity by the pathogenic Neisseriae. Pathogens and Disease, 2018, 76, .	2.0	49
6	Neisseria gonorrhoeae requires expression of TonB and the putative transporter TdfF to replicate within cervical epithelial cells. Molecular Microbiology, 2006, 62, 1144-1157.	2.5	43
7	ThefbpABCOperon Is Required for Ton-Independent Utilization of Xenosiderophores byNeisseria gonorrhoeaeStrain FA19. Infection and Immunity, 2011, 79, 267-278.	2.2	39
8	Structural insight into the lactoferrin receptors from pathogenic Neisseria. Journal of Structural Biology, 2013, 184, 83-92.	2.8	35
9	The novel interaction between Neisseria gonorrhoeae TdfJ and human S100A7 allows gonococci to subvert host zinc restriction. PLoS Pathogens, 2019, 15, e1007937.	4.7	32
10	Demonstration and Characterization of a Specific Interaction between Gonococcal Transferrin Binding Protein A and TonB. Journal of Bacteriology, 2002, 184, 6138-6145.	2.2	30
11	Beyond the Crystal Structure: Insight into the Function and Vaccine Potential of TbpA Expressed by Neisseria gonorrhoeae. Infection and Immunity, 2015, 83, 4438-4449.	2.2	21
12	Recent Progress Towards a Gonococcal Vaccine. Frontiers in Cellular and Infection Microbiology, 2022, 12, 881392.	3.9	17
13	Structural Basis for Evasion of Nutritional Immunity by the Pathogenic Neisseriae. Frontiers in Microbiology, 2019, 10, 2981.	3.5	16
14	Molecular Insight into TdfH-Mediated Zinc Piracy from Human Calprotectin by Neisseria gonorrhoeae. MBio, 2020, 11, .	4.1	15
15	Acclimation to Nutritional Immunity and Metal Intoxication Requires Zinc, Manganese, and Copper Homeostasis in the Pathogenic Neisseriae. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	9
16	The genes that encode the gonococcal transferrin binding proteins, TbpB and TbpA, are differentially regulated by MisR under ironâ€replete and ironâ€depleted conditions. Molecular Microbiology, 2016, 102, 137-151.	2.5	5
17	Neisseria. , 0, , 256-272.		5
18	TdfH selectively binds metal-loaded tetrameric calprotectin for zinc import. Communications Biology, 2022, 5, 103.	4.4	4

#	Article	IF	Citations
19	Metal-Limited Growth of Neisseria gonorrhoeae for Characterization of Metal-Responsive Genes and Metal Acquisition from Host Ligands. Journal of Visualized Experiments, 2020, , .	0.3	3
20	Mutagenesis of the Loop 3 Î±-Helix of Neisseria gonorrhoeae TdfJ Inhibits S100A7 Binding and Utilization. MBio, 2022, 13, .	4.1	3
21	Generation of Metal-Depleted Conditions for In Vitro Growth of Neisseria gonorrhoeae. Methods in Molecular Biology, 2019, 1997, 217-231.	0.9	2
22	Adherence Enables Neisseria gonorrhoeae to Overcome Zinc Limitation Imposed by Nutritional Immunity Proteins. Infection and Immunity, 2022, 90, iai0000922.	2.2	1