

# Cynthia Nau Cornelissen

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

937  
citations

840776

11  
h-index

713466

21  
g-index

23  
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23  
docs citations

23  
times ranked

575  
citing authors

#	ARTICLE	IF	CITATIONS
1	TdfH selectively binds metal-loaded tetrameric calprotectin for zinc import. <i>Communications Biology</i> , 2022, 5, 103.	4.4	4
2	Adherence Enables <i>Neisseria gonorrhoeae</i> to Overcome Zinc Limitation Imposed by Nutritional Immunity Proteins. <i>Infection and Immunity</i> , 2022, 90, iai0000922.	2.2	1
3	Recent Progress Towards a Gonococcal Vaccine. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 881392.	3.9	17
4	Mutagenesis of the Loop 3 $\alpha$ -Helix of <i>Neisseria gonorrhoeae</i> Tdfj Inhibits S100A7 Binding and Utilization. <i>MBio</i> , 2022, 13, .	4.1	3
5	Molecular Insight into TdfH-Mediated Zinc Piracy from Human Calprotectin by <i>Neisseria gonorrhoeae</i> . <i>MBio</i> , 2020, 11, .	4.1	15
6	Metal-Limited Growth of <i>Neisseria gonorrhoeae</i> for Characterization of Metal-Responsive Genes and Metal Acquisition from Host Ligands. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	3
7	The novel interaction between <i>Neisseria gonorrhoeae</i> Tdfj and human S100A7 allows gonococci to subvert host zinc restriction. <i>PLoS Pathogens</i> , 2019, 15, e1007937.	4.7	32
8	Generation of Metal-Depleted Conditions for In Vitro Growth of <i>Neisseria gonorrhoeae</i> . <i>Methods in Molecular Biology</i> , 2019, 1997, 217-231.	0.9	2
9	Structural Basis for Evasion of Nutritional Immunity by the Pathogenic <i>Neisseriae</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2981.	3.5	16
10	Subversion of nutritional immunity by the pathogenic <i>Neisseriae</i> . <i>Pathogens and Disease</i> , 2018, 76, .	2.0	49
11	The genes that encode the gonococcal transferrin binding proteins, TbpB and TbpA, are differentially regulated by MisR under iron-replete and iron-depleted conditions. <i>Molecular Microbiology</i> , 2016, 102, 137-151.	2.5	5
12	Beyond the Crystal Structure: Insight into the Function and Vaccine Potential of TbpA Expressed by <i>Neisseria gonorrhoeae</i> . <i>Infection and Immunity</i> , 2015, 83, 4438-4449.	2.2	21
13	Structural insight into the lactoferrin receptors from pathogenic <i>Neisseria</i> . <i>Journal of Structural Biology</i> , 2013, 184, 83-92.	2.8	35
14	TonB-Dependent Transporters Expressed by <i>Neisseria gonorrhoeae</i> . <i>Frontiers in Microbiology</i> , 2011, 2, 117.	3.5	63
15	The <i>fbpABC</i> Operon Is Required for Ton-Independent Utilization of Xenosiderophores by <i>Neisseria gonorrhoeae</i> Strain FA19. <i>Infection and Immunity</i> , 2011, 79, 267-278.	2.2	39
16	<i>Neisseria gonorrhoeae</i> requires expression of TonB and the putative transporter Tdff to replicate within cervical epithelial cells. <i>Molecular Microbiology</i> , 2006, 62, 1144-1157.	2.5	43
17	Transferrin-iron uptake by gram-negative bacteria. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, d836-847.	3.0	65
18	Demonstration and Characterization of a Specific Interaction between Gonococcal Transferrin Binding Protein A and TonB. <i>Journal of Bacteriology</i> , 2002, 184, 6138-6145.	2.2	30

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19	The transferrin receptor expressed by gonococcal strain FA1090 is required for the experimental infection of human male volunteers. <i>Molecular Microbiology</i> , 1998, 27, 611-616.	2.5	220
20	Iron piracy: acquisition of transferrin-bound iron by bacterial pathogens. <i>Molecular Microbiology</i> , 1994, 14, 843-850.	2.5	259
21	<i>Neisseria</i> . , 0, , 256-272.		5
22	Acclimation to Nutritional Immunity and Metal Intoxication Requires Zinc, Manganese, and Copper Homeostasis in the Pathogenic <i>Neisseriae</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	9