

# Charles Calmettes

## List of Publications by Citations

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19  
papers

462  
citations

14  
h-index

20  
g-index

20  
ext. papers

592  
ext. citations

8.6  
avg, IF

3.04  
L-index

#	Paper	IF	Citations
19	Global landscape of cell envelope protein complexes in Escherichia coli. <i>Nature Biotechnology</i> , <b>2018</b> , 36, 103-112	44.5	68
18	The structural basis of transferrin sequestration by transferrin-binding protein B. <i>Nature Structural and Molecular Biology</i> , <b>2012</b> , 19, 358-60	17.6	52
17	The molecular mechanism of Zinc acquisition by the neisserial outer-membrane transporter ZnuD. <i>Nature Communications</i> , <b>2015</b> , 6, 7996	17.4	44
16	Disabling a Type I-E CRISPR-Cas Nuclease with a Bacteriophage-Encoded Anti-CRISPR Protein. <i>MBio</i> , <b>2017</b> , 8,	7.8	42
15	Nonbinding site-directed mutants of transferrin binding protein B exhibit enhanced immunogenicity and protective capabilities. <i>Infection and Immunity</i> , <b>2015</b> , 83, 1030-8	3.7	37
14	Structural variations within the transferrin binding site on transferrin-binding protein B, TbpB. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 12683-92	5.4	37
13	PilN Binding Modulates the Structure and Binding Partners of the Pseudomonas aeruginosa Type IVa Pilus Protein PilM. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 11003-15	5.4	28
12	A substrate access tunnel in the cytosolic domain is not an essential feature of the solute carrier 4 (SLC4) family of bicarbonate transporters. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 33848-33860	5.4	26
11	Structural insights into the inactive subunit of the apicoplast-localized caseinolytic protease complex of Plasmodium falciparum. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 1022-31	5.4	22
10	Structures of the cGMP-dependent protein kinase in malaria parasites reveal a unique structural relay mechanism for activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 14164-14173	11.5	20
9	Anchor peptide of transferrin-binding protein B is required for interaction with transferrin-binding protein A. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 45165-73	5.4	17
8	Conserved interaction between transferrin and transferrin-binding proteins from porcine pathogens. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 21353-60	5.4	15
7	Patterns of structural and sequence variation within isotype lineages of the Neisseria meningitidis transferrin receptor system. <i>MicrobiologyOpen</i> , <b>2015</b> , 4, 491-504	3.4	14
6	Active Transport of Phosphorylated Carbohydrates Promotes Intestinal Colonization and Transmission of a Bacterial Pathogen. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005107	7.6	14
5	Utility of Hybrid Transferrin Binding Protein Antigens for Protection Against Pathogenic Neisseria Species. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 247	8.4	13
4	Structural Aspects of Bacterial Outer Membrane Protein Assembly. <i>Advances in Experimental Medicine and Biology</i> , <b>2015</b> , 883, 255-70	3.6	5
3	Steric and allosteric factors prevent simultaneous binding of transferrin-binding proteins A and B to transferrin. <i>Biochemical Journal</i> , <b>2012</b> , 444, 189-97	3.8	5

- 2 Insights into Structural and Dynamical Changes Experienced by Human RNase 6 upon Ligand Binding. *Biochemistry*, **2020**, 59, 755-765 3.2 3
- 1 Perturbing dimer interactions and allosteric communication modulates the immunosuppressive activity of human galectin-7. *Journal of Biological Chemistry*, **2021**, 297, 101308 5.4 0