

Charles Calmettes

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Perturbing dimer interactions and allosteric communication modulates the immunosuppressive activity of human galectin-7. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101308	5.4	0
18	Insights into Structural and Dynamical Changes Experienced by Human RNase 6 upon Ligand Binding. <i>Biochemistry</i> , 2020 , 59, 755-765	3.2	3
17	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> , 2019 , 116, 14164-14173	11.5	20
16	Utility of Hybrid Transferrin Binding Protein Antigens for Protection Against Pathogenic Neisseria Species. <i>Frontiers in Immunology</i> , 2019 , 10, 247	8.4	13
15	Global landscape of cell envelope protein complexes in Escherichia coli. <i>Nature Biotechnology</i> , 2018 , 36, 103-112	44.5	68
14	Disabling a Type I-E CRISPR-Cas Nuclease with a Bacteriophage-Encoded Anti-CRISPR Protein. <i>MBio</i> , 2017 , 8,	7.8	42
13	PilN Binding Modulates the Structure and Binding Partners of the Pseudomonas aeruginosa Type IVa Pilus Protein PilM. <i>Journal of Biological Chemistry</i> , 2016 , 291, 11003-15	5.4	28
12	Nonbinding site-directed mutants of transferrin binding protein B exhibit enhanced immunogenicity and protective capabilities. <i>Infection and Immunity</i> , 2015 , 83, 1030-8	3.7	37
11	The molecular mechanism of Zinc acquisition by the neisserial outer-membrane transporter ZnuD. <i>Nature Communications</i> , 2015 , 6, 7996	17.4	44
10	Patterns of structural and sequence variation within isotype lineages of the Neisseria meningitidis transferrin receptor system. <i>MicrobiologyOpen</i> , 2015 , 4, 491-504	3.4	14
9	Active Transport of Phosphorylated Carbohydrates Promotes Intestinal Colonization and Transmission of a Bacterial Pathogen. <i>PLoS Pathogens</i> , 2015 , 11, e1005107	7.6	14
8	Structural Aspects of Bacterial Outer Membrane Protein Assembly. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 883, 255-70	3.6	5
7	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> , 2013 , 288, 33848-33860	5.4	26
6	Structural insights into the inactive subunit of the apicoplast-localized caseinolytic protease complex of Plasmodium falciparum. <i>Journal of Biological Chemistry</i> , 2013 , 288, 1022-31	5.4	22
5	Steric and allosteric factors prevent simultaneous binding of transferrin-binding proteins A and B to transferrin. <i>Biochemical Journal</i> , 2012 , 444, 189-97	3.8	5
4	The structural basis of transferrin sequestration by transferrin-binding protein B. <i>Nature Structural and Molecular Biology</i> , 2012 , 19, 358-60	17.6	52
3	Conserved interaction between transferrin and transferrin-binding proteins from porcine pathogens. <i>Journal of Biological Chemistry</i> , 2011 , 286, 21353-60	5.4	15

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| 2 | Anchor peptide of transferrin-binding protein B is required for interaction with transferrin-binding protein A. <i>Journal of Biological Chemistry</i> , 2011 , 286, 45165-73 | 5-4 | 17 |
| 1 | Structural variations within the transferrin binding site on transferrin-binding protein B, TbpB. <i>Journal of Biological Chemistry</i> , 2011 , 286, 12683-92 | 5-4 | 37 |