

Charles Calmettes

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

675
citations

566801

15
h-index

794141

19
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20
all docs

20
docs citations

20
times ranked

946
citing authors

#	ARTICLE	IF	CITATIONS
1	Perturbing dimer interactions and allosteric communication modulates the immunosuppressive activity of human galectin-7. <i>Journal of Biological Chemistry</i> , 2021, 297, 101308.	1.6	5
2	Insights into Structural and Dynamical Changes Experienced by Human RNase 6 upon Ligand Binding. <i>Biochemistry</i> , 2020, 59, 755-765.	1.2	6
3	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.	3.3	30
4	Utility of Hybrid Transferrin Binding Protein Antigens for Protection Against Pathogenic Neisseria Species. <i>Frontiers in Immunology</i> , 2019, 10, 247.	2.2	32
5	O01.3â€¦Engineering hybrid bacterial transferrin receptor-based vaccines to confer broad protection against neisseria gonorrhoeae. , 2019, , .		0
6	Global landscape of cell envelope protein complexes in Escherichia coli. <i>Nature Biotechnology</i> , 2018, 36, 103-112.	9.4	110
7	Disabling a Type I-E CRISPR-Cas Nuclease with a Bacteriophage-Encoded Anti-CRISPR Protein. <i>MBio</i> , 2017, 8, .	1.8	63
8	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, 11003-11015.	1.6	53
9	Patterns of structural and sequence variation within isotype lineages of the Neisseria meningitidis transferrin receptor system. <i>MicrobiologyOpen</i> , 2015, 4, 491-504.	1.2	17
10	Active Transport of Phosphorylated Carbohydrates Promotes Intestinal Colonization and Transmission of a Bacterial Pathogen. <i>PLoS Pathogens</i> , 2015, 11, e1005107.	2.1	30
11	Structural Aspects of Bacterial Outer Membrane Protein Assembly. <i>Advances in Experimental Medicine and Biology</i> , 2015, 883, 255-270.	0.8	6
12	Nonbinding Site-Directed Mutants of Transferrin Binding Protein B Exhibit Enhanced Immunogenicity and Protective Capabilities. <i>Infection and Immunity</i> , 2015, 83, 1030-1038.	1.0	50
13	The molecular mechanism of Zinc acquisition by the neisserial outer-membrane transporter ZnuD. <i>Nature Communications</i> , 2015, 6, 7996.	5.8	58
14	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.	1.6	32
15	Structural Insights into the Inactive Subunit of the Apicoplast-localized Caseinolytic Protease Complex of Plasmodium falciparum. <i>Journal of Biological Chemistry</i> , 2013, 288, 1022-1031.	1.6	25
16	Steric and allosteric factors prevent simultaneous binding of transferrin-binding proteins A and B to transferrin. <i>Biochemical Journal</i> , 2012, 444, 189-197.	1.7	5
17	The structural basis of transferrin sequestration by transferrin-binding protein B. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 358-360.	3.6	71
18	Conserved Interaction between Transferrin and Transferrin-binding Proteins from Porcine Pathogens. <i>Journal of Biological Chemistry</i> , 2011, 286, 21353-21360.	1.6	18

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19	Anchor Peptide of Transferrin-binding Protein B Is Required for Interaction with Transferrin-binding Protein A. <i>Journal of Biological Chemistry</i> , 2011, 286, 45165-45173.	1.6	22
20	Structural Variations within the Transferrin Binding Site on Transferrin-binding Protein B, TbpB. <i>Journal of Biological Chemistry</i> , 2011, 286, 12683-12692.	1.6	42