

Cristiane Rodrigues Guzzo

List of Publications by Citations

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33
papers

656
citations

12
h-index

25
g-index

39
ext. papers

888
ext. citations

5.7
avg, IF

3.68
L-index

#	Paper	IF	Citations
33	Bacterial killing via a type IV secretion system. <i>Nature Communications</i> , 2015 , 6, 6453	17.4	115
32	The HD-GYP domain of RpfG mediates a direct linkage between the Rpf quorum-sensing pathway and a subset of diguanylate cyclase proteins in the phytopathogen <i>Xanthomonas axonopodis</i> pv <i>citri</i> . <i>Molecular Microbiology</i> , 2006 , 62, 537-51	4.1	102
31	PILZ protein structure and interactions with PILB and the FIMX EAL domain: implications for control of type IV pilus biogenesis. <i>Journal of Molecular Biology</i> , 2009 , 393, 848-66	6.5	87
30	<i>Xanthomonas citri</i> subsp. <i>citri</i> type IV Pilus is required for twitching motility, biofilm development, and adherence. <i>Molecular Plant-Microbe Interactions</i> , 2014 , 27, 1132-47	3.6	42
29	SARS-CoV-2 isolation from the first reported patients in Brazil and establishment of a coordinated task network. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020 , 115, e200342	2.6	38
28	Structure of the PilZ-FimXEAL-c-di-GMP Complex Responsible for the Regulation of Bacterial Type IV Pilus Biogenesis. <i>Journal of Molecular Biology</i> , 2013 , 425, 2174-97	6.5	37
27	Structure and calcium-binding activity of LipL32, the major surface antigen of pathogenic <i>Leptospira</i> sp. <i>Journal of Molecular Biology</i> , 2009 , 390, 722-36	6.5	35
26	High-throughput screening of structural proteomics targets using NMR. <i>FEBS Letters</i> , 2003 , 552, 207-13	3.8	30
25	The <i>Xanthomonas</i> type IV pilus. <i>Current Opinion in Microbiology</i> , 2016 , 30, 88-97	7.9	26
24	The 3D structure and function of digestive cathepsin L-like proteinases of <i>Tenebrio molitor</i> larval midgut. <i>Insect Biochemistry and Molecular Biology</i> , 2012 , 42, 655-64	4.5	24
23	A Family of T6SS Antibacterial Effectors Related to l,d-Transpeptidases Targets the Peptidoglycan. <i>Cell Reports</i> , 2020 , 31, 107813	10.6	13
22	Structural and Enzymatic Characterization of a cAMP-Dependent Diguanylate Cyclase from Pathogenic <i>Leptospira</i> Species. <i>Journal of Molecular Biology</i> , 2017 , 429, 2337-2352	6.5	12
21	The World of Cyclic Dinucleotides in Bacterial Behavior. <i>Molecules</i> , 2020 , 25,	4.8	11
20	Stromal cell derived factor-2 (Sdf2): a novel protein expressed in mouse. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 53, 262-70	5.6	11
19	Molecular Dynamics Reveals Complex Compensatory Effects of Ionic Strength on the Severe Acute Respiratory Syndrome Coronavirus 2 Spike/Human Angiotensin-Converting Enzyme 2 Interaction. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 10446-10453	6.4	10
18	Secrete or perish: The role of secretion systems in biology. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 279-302	6.8	10
17	Hypertonic saline solution inhibits SARS-CoV-2 in vitro assay		8

16	Functional characterization of two SOS-regulated genes involved in mitomycin C resistance in <i>Caulobacter crescentus</i> . <i>DNA Repair</i> , 2015 , 33, 78-89	4.3	7
15	Stromal Cell-Derived Factor 2: A Novel Protein that Interferes in Endoplasmic Reticulum Stress Pathway in Human Placental Cells. <i>Biology of Reproduction</i> , 2016 , 95, 41	3.9	7
14	Quantitative structure-activity relationships, molecular docking and molecular dynamics simulations reveal drug repurposing candidates as potent SARS-CoV-2 main protease inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-18	3.6	5
13	Structure of <i>Xanthomonas axonopodis</i> pv. <i>citri</i> YaeQ reveals a new compact protein fold built around a variation of the PD-(D/E)XK nuclease motif. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007 , 69, 644-51	4.2	4
12	Expression, purification, crystallization and preliminary X-ray analysis of YaeQ (XAC2396) from <i>Xanthomonas axonopodis</i> pv. <i>citri</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005 , 61, 493-5		4
11	Inhibition of Severe Acute Respiratory Syndrome Coronavirus 2 Replication by Hypertonic Saline Solution in Lung and Kidney Epithelial Cells. <i>ACS Pharmacology and Translational Science</i> , 2021 , 4, 1514-1527	5.9	4
10	Crystallization and preliminary X-ray analysis of LipL32 from <i>Leptospira interrogans</i> serovar Copenhageni. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009 , 65, 307-9		2
9	Expression, crystallization and preliminary crystallographic analysis of PilZ(XAC1133) from <i>Xanthomonas axonopodis</i> pv. <i>citri</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009 , 65, 304-6		2
8	Expression, crystallization and preliminary crystallographic analysis of SufE (XAC2355) from <i>Xanthomonas axonopodis</i> pv. <i>citri</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006 , 62, 268-70		2
7	Toxicity of spike fragments SARS-CoV-2 S protein for zebrafish: A tool to study its hazardous for human health?. <i>Science of the Total Environment</i> , 2021 , 813, 152345	10.2	2
6	Molecular dynamics analysis of fast-spreading severe acute respiratory syndrome coronavirus 2 variants and their effects in the interaction with human angiotensin-converting enzyme 2		1
5	Nebulized enriched heparin to treat no critical patients with Sars-Cov-2: Triple-blind clinical trial.. <i>Medicine (United States)</i> , 2021 , 100, e28288	1.8	1
4	Immunization with SARS-CoV-2 Nucleocapsid protein triggers a pulmonary immune response in rats. <i>PLoS ONE</i> , 2022 , 17, e0268434	3.7	1
3	Stimuli-responsive polymersomes of poly [2-(dimethylamino) ethyl methacrylate]-b-polystyrene. <i>Polymer Bulletin</i> , 1	2.4	0
2	The PilB-PilZ-FimX regulatory complex of the Type IV pilus from <i>Xanthomonas citri</i> . <i>PLoS Pathogens</i> , 2021 , 17, e1009808	7.6	0
1	A bipartite periplasmic receptor-diguanylate cyclase pair (XAC2383-XAC2382) in the bacterium. <i>Journal of Biological Chemistry</i> , 2018 , 293, 10767-10781	5.4	