

Cristiane Rodrigues Guzzo

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,070
citations

566801

15
h-index

454577

30
g-index

39
all docs

39
docs citations

39
times ranked

1452
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial killing via a type IV secretion system. <i>Nature Communications</i> , 2015, 6, 6453.	5.8	197
2	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> sp. citri. <i>Molecular Microbiology</i> , 2006, 62, 537-551.	1.2	124
3	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, 848-866.	2.0	100
4	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.	0.8	86
5	<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, 1132-1147.	1.4	59
6	Structure of the PilZ-FimX-EAL-c-di-GMP Complex Responsible for the Regulation of Bacterial Type IV Pilus Biogenesis. <i>Journal of Molecular Biology</i> , 2013, 425, 2174-2197.	2.0	49
7	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, 722-736.	2.0	41
8	A Family of T6SS Antibacterial Effectors Related to L,d-Transpeptidases Targets the Peptidoglycan. <i>Cell Reports</i> , 2020, 31, 107813.	2.9	39
9	Secrete or perish: The role of secretion systems in <i>Xanthomonas</i> biology. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 279-302.	1.9	38
10	The <i>Xanthomonas</i> type IV pilus. <i>Current Opinion in Microbiology</i> , 2016, 30, 88-97.	2.3	37
11	High-throughput screening of structural proteomics targets using NMR. <i>FEBS Letters</i> , 2003, 552, 207-213.	1.3	33
12	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, 655-664.	1.2	33
13	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.	2.0	24
14	The World of Cyclic Dinucleotides in Bacterial Behavior. <i>Molecules</i> , 2020, 25, 2462.	1.7	21
15	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.	2.1	20
16	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> , 2022, 813, 152345.	3.9	19
17	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.	2.5	17
18	Stromal cell derived factor-2 (Sdf2): A novel protein expressed in mouse. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 53, 262-270.	1.2	16

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19	Severe Acute Respiratory Syndrome Coronavirus 2 Variants of Concern: A Perspective for Emerging More Transmissible and Vaccine-Resistant Strains. <i>Viruses</i> , 2022, 14, 827.	1.5	14
20	Immunization with SARS-CoV-2 Nucleocapsid protein triggers a pulmonary immune response in rats. <i>PLoS ONE</i> , 2022, 17, e0268434.	1.1	13
21	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.	1.3	10
22	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, 41-41.	1.2	9
23	Structural basis for effector recognition by an antibacterial type IV secretion system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	9
24	Stimuli-responsive polymersomes of poly [2-(dimethylamino) ethyl methacrylate]-b-polystyrene. <i>Polymer Bulletin</i> , 2022, 79, 785-805.	1.7	7
25	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.	2.0	6
26	The PilB-PilZ-FimX regulatory complex of the Type IV pilus from <i>Xanthomonas citri</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009808.	2.1	6
27	Expression, purification, crystallization and preliminary X-ray analysis of YaeQ (XAC2396) from <i>Xanthomonas axonopodispv.citri</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 493-495.	0.7	4
28	Structure of <i>Xanthomonas axonopodispv.citri</i> YaeQ reveals a new compact protein fold built around a variation of the PD(E)XK nuclease motif. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 69, 644-651.	1.5	4
29	Expression, crystallization and preliminary crystallographic analysis of SufE (XAC2355) from <i>Xanthomonas axonopodispv.citri</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 268-270.	0.7	3
30	Nebulized enriched heparin to treat no critical patients with Sars-Cov-2. <i>Medicine (United States)</i> , 2021, 100, e28288.	0.4	3
31	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, 307-309.	0.7	2
32	Expression, crystallization and preliminary crystallographic analysis of PilZ (XAC1133) from <i>Xanthomonas axonopodispv.citri</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 304-306.	0.7	2
33	A bipartite periplasmic receptor diguanylate cyclase pair (XAC2383 and XAC2382) in the bacterium <i>Xanthomonas citri</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 10767-10781.	1.6	2
34	Stromal cell derived factor 2: new insights of function. <i>Placenta</i> , 2013, 34, A99.	0.7	0