

# Cristiane Rodrigues Guzzo

## 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.

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	Immunization with SARS-CoV-2 Nucleocapsid protein triggers a pulmonary immune response in rats. <i>PLoS ONE</i> , <b>2022</b> , 17, e0268434	3.7	1
32	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> , <b>2021</b> , 813, 152345	10.2	2
31	Secrete or perish: The role of secretion systems in biology. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 279-302	6.8	10
30	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> , <b>2021</b> , 1-18	3.6	5
29	The PilB-PilZ-FimX regulatory complex of the Type IV pilus from <i>Xanthomonas citri</i> . <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009808	7.6	0
28	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> , <b>2021</b> , 4, 1514-1527	5.9	4
27	Nebulized enriched heparin to treat no critical patients with Sars-Cov-2: Triple-blind clinical trial.. <i>Medicine (United States)</i> , <b>2021</b> , 100, e28288	1.8	1
26	The World of Cyclic Dinucleotides in Bacterial Behavior. <i>Molecules</i> , <b>2020</b> , 25,	4.8	11
25	A Family of T6SS Antibacterial Effectors Related to L,d-Transpeptidases Targets the Peptidoglycan. <i>Cell Reports</i> , <b>2020</b> , 31, 107813	10.6	13
24	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> , <b>2020</b> , 115, e200342	2.6	38
23	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> , <b>2020</b> , 11, 10446-10453	6.4	10
22	A bipartite periplasmic receptor-diguanylate cyclase pair (XAC2383-XAC2382) in the bacterium. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 10767-10781	5.4	
21	Structural and Enzymatic Characterization of a cAMP-Dependent Diguanylate Cyclase from Pathogenic <i>Leptospira</i> Species. <i>Journal of Molecular Biology</i> , <b>2017</b> , 429, 2337-2352	6.5	12
20	Stromal Cell-Derived Factor 2: A Novel Protein that Interferes in Endoplasmic Reticulum Stress Pathway in Human Placental Cells. <i>Biology of Reproduction</i> , <b>2016</b> , 95, 41	3.9	7
19	The <i>Xanthomonas</i> type IV pilus. <i>Current Opinion in Microbiology</i> , <b>2016</b> , 30, 88-97	7.9	26
18	Bacterial killing via a type IV secretion system. <i>Nature Communications</i> , <b>2015</b> , 6, 6453	17.4	115
17	Functional characterization of two SOS-regulated genes involved in mitomycin C resistance in <i>Caulobacter crescentus</i> . <i>DNA Repair</i> , <b>2015</b> , 33, 78-89	4.3	7

16	Xanthomonas citri subsp. citri type IV Pilus is required for twitching motility, biofilm development, and adherence. <i>Molecular Plant-Microbe Interactions</i> , <b>2014</b> , 27, 1132-47	3.6	42
15	Stromal cell derived factor-2 (Sdf2): a novel protein expressed in mouse. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 53, 262-70	5.6	11
14	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> , <b>2013</b> , 425, 2174-97	6.5	37
13	The 3D structure and function of digestive cathepsin L-like proteinases of Tenebrio molitor larval midgut. <i>Insect Biochemistry and Molecular Biology</i> , <b>2012</b> , 42, 655-64	4.5	24
12	Crystallization and preliminary X-ray analysis of LipL32 from Leptospira interrogans serovar Copenhageni. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2009</b> , 65, 307-9		2
11	Expression, crystallization and preliminary crystallographic analysis of PilZ(XAC1133) from Xanthomonas axonopodis pv. citri. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2009</b> , 65, 304-6		2
10	Structure and calcium-binding activity of LipL32, the major surface antigen of pathogenic Leptospira sp. <i>Journal of Molecular Biology</i> , <b>2009</b> , 390, 722-36	6.5	35
9	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> , <b>2009</b> , 393, 848-66	6.5	87
8	Structure of Xanthomonas axonopodis pv. citri 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> , <b>2007</b> , 69, 644-51	4.2	4
7	Expression, crystallization and preliminary crystallographic analysis of SufE (XAC2355) from Xanthomonas axonopodis pv. citri. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2006</b> , 62, 268-70		2
6	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 Xanthomonas axonopodis pv citri. <i>Molecular Microbiology</i> , <b>2006</b> , 62, 537-51	4.1	102
5	Expression, purification, crystallization and preliminary X-ray analysis of YaeQ (XAC2396) from Xanthomonas axonopodis pv. citri. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , <b>2005</b> , 61, 493-5		4
4	High-throughput screening of structural proteomics targets using NMR. <i>FEBS Letters</i> , <b>2003</b> , 552, 207-13	3.8	30
3	Hypertonic saline solution inhibits SARS-CoV-2 in vitro assay		8
2	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
1	Stimuli-responsive polymersomes of poly [2-(dimethylamino) ethyl methacrylate]-b-polystyrene. <i>Polymer Bulletin</i> , 1	2.4	0