

# Fernanda Canduri

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,489  
citations

236912

25  
h-index

315719

38  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for inhibition of cyclin-dependent kinase 9 by flavopiridol. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 566-571.	2.1	128
2	Crystallographic and Pre-steady-state Kinetics Studies on Binding of NADH to Wild-type and Isoniazid-resistant Enoyl-ACP(CoA) Reductase Enzymes from <i>Mycobacterium tuberculosis</i> . <i>Journal of Molecular Biology</i> , 2006, 359, 646-666.	4.2	67
3	Molecular model of cyclin-dependent kinase 5 complexed with roscovitine. <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 1154-1158.	2.1	66
4	Crystal structure of human purine nucleoside phosphorylase complexed with acyclovir. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 553-559.	2.1	58
5	Parmodel: a web server for automated comparative modeling of proteins. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 1481-1486.	2.1	58
6	Protein Kinases as Targets for Antiparasitic Chemotherapy Drugs. <i>Current Drug Targets</i> , 2007, 8, 389-398.	2.1	58
7	Structures of human purine nucleoside phosphorylase complexed with inosine and ddi. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 907-914.	2.1	55
8	Crystal structure of human purine nucleoside phosphorylase at 2.3Å... resolution. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 545-552.	2.1	54
9	Structural bioinformatics study of EPSP synthase from <i>Mycobacterium tuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 608-614.	2.1	51
10	The emerging picture of CDK9/P-TEFb: more than 20 years of advances since PITALRE. <i>Molecular BioSystems</i> , 2017, 13, 246-276.	2.9	51
11	Molecular model of shikimate kinase from <i>Mycobacterium tuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 142-148.	2.1	50
12	Structure of shikimate kinase from <i>Mycobacterium tuberculosis</i> reveals the binding of shikimic acid. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 2310-2319.	2.5	48
13	Structural basis for inhibition of human PNP by immucillin-H. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 917-922.	2.1	47
14	Protein Crystallography in Drug Discovery. <i>Current Drug Targets</i> , 2008, 9, 1048-1053.	2.1	45
15	Molecular Model for the Binary Complex of Uropepsin and Pepstatin. <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 277-281.	2.1	44
16	Molecular models of cyclin-dependent kinase 1 complexed with inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 661-666.	2.1	44
17	New catalytic mechanism for human purine nucleoside phosphorylase. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 646-649.	2.1	44
18	Crystal structure of human PNP complexed with guanine. <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 767-772.	2.1	39

#	ARTICLE	IF	CITATIONS
19	Kinetics and crystal structure of human purine nucleoside phosphorylase in complex with 7-methyl-6-thio-guanosine. <i>Archives of Biochemistry and Biophysics</i> , 2005, 442, 49-58.	3.0	37
20	Structure of human PNP complexed with ligands. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 856-862.	2.5	33
21	Crystal structure of human PNP complexed with hypoxanthine and sulfate ion. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 335-338.	2.1	33
22	Structure of human uropepsin at 2.45Å... resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2001, 57, 1560-1570.	2.5	32
23	Molecular models for shikimate pathway enzymes of <i>Xylella fastidiosa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 979-991.	2.1	30
24	Structural bioinformatics study of PNP from <i>Schistosoma mansoni</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 100-104.	2.1	29
25	Molecular models of protein kinase 6 from <i>Plasmodium falciparum</i> . <i>Journal of Molecular Modeling</i> , 2005, 12, 42-48.	1.8	27
26	Crystallographic structure of PNP from <i>Mycobacterium tuberculosis</i> at 1.9Å... resolution. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 789-794.	2.1	25
27	Structural Basis for Interaction of Inhibitors with Cyclin-Dependent Kinase 2. <i>Current Computer-Aided Drug Design</i> , 2005, 1, 53-64.	1.2	25
28	The Emerging Picture of CDK11: Genetic, Functional and Medicinal Aspects. <i>Current Medicinal Chemistry</i> , 2018, 25, 880-888.	2.4	22
29	Molecular models of protein targets from <i>Mycobacterium tuberculosis</i> . <i>Journal of Molecular Modeling</i> , 2005, 11, 160-166.	1.8	21
30	Molecular modeling and dynamics simulation of human cyclin-dependent kinase 3 complexed with inhibitors. <i>Computers in Biology and Medicine</i> , 2009, 39, 130-140.	7.0	19
31	Structural studies of the <i>Trypanosoma cruzi</i> Old Yellow Enzyme: Insights into enzyme dynamics and specificity. <i>Biophysical Chemistry</i> , 2013, 184, 44-53.	2.8	18
32	Molecular Models of Tryptophan Synthase From <i>Mycobacterium tuberculosis</i> Complexed With Inhibitors. <i>Cell Biochemistry and Biophysics</i> , 2006, 44, 375-384.	1.8	14
33	Crystallization and preliminary X-ray diffraction analysis of the lectin from <i>Canavalia gladiata</i> seeds. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 1493-1495.	2.5	13
34	New inhibitors of homoserine dehydrogenase from <i>Paracoccidioides brasiliensis</i> presenting antifungal activity. <i>Journal of Molecular Modeling</i> , 2019, 25, 325.	1.8	13
35	DBMODELING: A Database Applied to the Study of Protein Targets From Genome Projects. <i>Cell Biochemistry and Biophysics</i> , 2006, 44, 366-374.	1.8	11
36	Determining the Structural Basis for Specificity of Ligands Using Crystallographic Screening. <i>Cell Biochemistry and Biophysics</i> , 2006, 44, 405-411.	1.8	10

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37	Expression, purification, and circular dichroism analysis of human CDK9. <i>Protein Expression and Purification</i> , 2006, 47, 614-620.	1.3	9
38	Crystallization and preliminary X-ray crystallographic analysis of chorismate synthase from <i>Mycobacterium tuberculosis</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 2003-2005.	2.5	8
39	New 4-methoxy-naphthalene derivatives as promisor antifungal agents for paracoccidioidomycosis treatment. <i>Future Microbiology</i> , 2019, 14, 235-245.	2.0	8
40	Influence of pH, temperature, and sisal pulp on the production of cellulases from <i>Aspergillus</i> sp. CBMAI 1198 and hydrolysis of cellulosic materials with different hemicelluloses content, crystallinity, and average molar mass. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 483-494.	4.6	8
41	Crystallization of piratoxin I, a myotoxic Lys49-phospholipase A2 homologue isolated from the venom of <i>Bothrops pirajai</i> . <i>Toxicon</i> , 1998, 36, 547-551.	1.6	7
42	Expression, purification and molecular analysis of the human ZNF706 protein. <i>Biological Procedures Online</i> , 2013, 15, 10.	2.9	7
43	Overview of PCK3/CDK18: A Cyclin-Dependent Kinase Involved in Specific Functions in Post-Mitotic Cells. <i>Current Medicinal Chemistry</i> , 2021, 28, 6846-6865.	2.4	7
44	Docking and small angle X-ray scattering studies of purine nucleoside phosphorylase. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 923-8.	2.1	5
45	Heterologous expression of <i>Homo sapiens</i> alpha-folate receptors in <i>E. coli</i> by fusion with a trigger factor for enhanced solubilization. <i>Protein Expression and Purification</i> , 2018, 142, 75-80.	1.3	3
46	Crystallographic studies of fish hemoglobins. <i>Eletica Quimica</i> , 2000, 25, 147-159.	0.5	2
47	Crystal Structure of Hemoglobin from the Maned Wolf ( <i>Chrysocyon Brachyurus</i> ) Using Synchrotron Radiation. <i>Protein and Peptide Letters</i> , 2003, 10, 551-559.	0.9	1