

# Conceição A Minetti

## List of Publications by Year in descending order

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36  
papers

919  
citations

430874

18  
h-index

454955

30  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1235  
citing authors

#	ARTICLE	IF	CITATIONS
1	What Drives Proteins into the Major or Minor Grooves of DNA?. <i>Journal of Molecular Biology</i> , 2007, 365, 1-9.	4.2	172
2	A Revised Picture of the Cu(II)-Synuclein Complex: The Role of N-Terminal Acetylation. <i>Biochemistry</i> , 2014, 53, 2815-2817.	2.5	71
3	Energetics of membrane protein folding and stability. <i>Archives of Biochemistry and Biophysics</i> , 2006, 453, 32-53.	3.0	48
4	Multivalent pneumococcal capsular polysaccharide conjugate vaccines employing genetically detoxified pneumolysin as a carrier protein. <i>Vaccine</i> , 1998, 16, 1732-1741.	3.8	44
5	Energetics of Lesion Recognition by a DNA Repair Protein: Thermodynamic Characterization of Formamidopyrimidine-glycosylase (Fpg) Interactions with Damaged DNA Duplexes. <i>Journal of Molecular Biology</i> , 2003, 328, 1047-1060.	4.2	41
6	The thermodynamics of template-directed DNA synthesis: Base insertion and extension enthalpies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14719-14724.	7.1	41
7	Substrate-Activated Conformational Switch on Chaperones Encodes a Targeting Signal in Type III Secretion. <i>Cell Reports</i> , 2013, 3, 709-715.	6.4	39
8	Characterization of the Structure, Function, and Conformational Stability of PorB Class 3 Protein from <i>Neisseria meningitidis</i> . <i>Journal of Biological Chemistry</i> , 1998, 273, 25329-25338.	3.4	34
9	Successful recovery of the normal electrophysiological properties of PorB (Class 3) porin from <i>Neisseria meningitidis</i> after expression in <i>Escherichia coli</i> and renaturation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1370, 289-298.	2.6	33
10	Acid-Induced Changes in Thermal Stability and Fusion Activity of Influenza Hemagglutinin. <i>Biochemistry</i> , 2002, 41, 2044-2054.	2.5	32
11	Heat Shock Protein 90 kDa (Hsp90) Has a Second Functional Interaction Site with the Mitochondrial Import Receptor Tom70. <i>Journal of Biological Chemistry</i> , 2016, 291, 18620-18631.	3.4	32
12	Chronic administration of aqueous extract of <i>Stevia rebaudiana</i> (Bert.) Bertoni in rats: Endocrine effects. <i>General Pharmacology</i> , 1989, 20, 187-191.	0.7	31
13	Structural Instability Tuning as a Regulatory Mechanism in Protein-Protein Interactions. <i>Molecular Cell</i> , 2011, 44, 734-744.	9.7	31
14	Energetic signatures of single base bulges: thermodynamic consequences and biological implications. <i>Nucleic Acids Research</i> , 2010, 38, 97-116.	14.5	27
15	Novel post-synthetic generation, isomeric resolution, and characterization of Fapy-dG within oligodeoxynucleotides: differential anomeric impacts on DNA duplex properties. <i>Nucleic Acids Research</i> , 2011, 39, 5776-5789.	14.5	25
16	Preclinical studies on a recombinant group B meningococcal porin as a carrier for a novel <i>Haemophilus influenzae</i> type b conjugate vaccine. <i>Vaccine</i> , 1998, 16, 1842-1849.	3.8	24
17	Meningococcal PorA/C1, a Channel that Combines High Conductance and High Selectivity. <i>Biophysical Journal</i> , 1999, 76, 804-813.	0.5	23
18	A continuous hyperchromicity assay to characterize the kinetics and thermodynamics of DNA lesion recognition and base excision. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 70-75.	7.1	21

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19	C-Reactive Proteins, Limunectin, Lipopolysaccharide-Binding Protein, and Coagulin.. Annals of the New York Academy of Sciences, 1994, 712, 146-154.	3.8	19
20	Impact of 8-hydroxy-2-deoxyguanine adducts on DNA duplex energetics: Opposite base modulation and implications for mutagenicity and genotoxicity. Biopolymers, 2010, 93, 370-382.	2.4	18
21	Impact of bistrand abasic sites and proximate orientation on DNA global structure and duplex energetics. Biopolymers, 2018, 109, e23098.	2.4	15
22	Magnesium Activates Microsecond Dynamics to Regulate Integrin-Collagen Recognition. Structure, 2018, 26, 1080-1090.e5.	3.3	15
23	Ontogenesis of androgen receptors in the mouse submandibular gland: correlation with the developmental profiles of circulating thyroid and testicular hormones. European Journal of Endocrinology, 1986, 112, 290-295.	3.7	12
24	Impact of thymine glycol damage on DNA duplex energetics: Correlations with lesion-induced biochemical and structural consequences. Biopolymers, 2015, 103, 491-508.	2.4	12
25	A one-step method for genetic transformation of non-piliated Neisseria meningitidis. Journal of Microbiological Methods, 2002, 49, 97-101.	1.6	11
26	Effects of testosterone and its metabolites in relation to androgen-binding activity in murine submandibular salivary glands. Archives of Oral Biology, 1985, 30, 615-619.	1.8	10
27	Structural and energetic characterization of nucleic acid-binding to the fingers domain of Moloney murine leukemia virus reverse transcriptase. Proteins: Structure, Function and Bioinformatics, 2004, 57, 15-26.	2.6	9
28	Thyroidal Modulation of Androgenic Expression in Mice Submandibular Gland. Hormone and Metabolic Research, 1987, 19, 146-151.	1.5	6
29	Massively parallel, computationally guided design of a proenzyme. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2116097119.	7.1	6
30	Intrinsic local destabilization of the C-terminus predisposes integrin $\beta 1$ I domain to a conformational switch induced by collagen binding. Protein Science, 2016, 25, 1672-1681.	7.6	4
31	Agglutination activity of Limulus polyphemus coagulogen following limited proteolysis. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1993, 105, 79-85.	0.2	3
32	$\beta 2$ -adrenergic stimulation of mouse parotid gland: Amylase activity and secretory granules during isoproterenol-induced mitosis. General Pharmacology, 1985, 16, 419-421.	0.7	2
33	Effects of Zinc on the Trophic Activity of Testosterone in Androgen Target Tissues of Castrate Mice. Cells Tissues Organs, 1990, 139, 265-271.	2.3	2
34	Characterization of Aurintricarboxylic Acid (ATA) Interactions with Plasma Transporter Protein and SARS-CoV-2 Viral Targets: Correlation of Functional Activity and Binding Energetics. Life, 2022, 12, 872.	2.4	2
35	Androgenic Expression in the Submandibular Gland of Zinc-Deficient Mice. Annals of Nutrition and Metabolism, 1992, 36, 167-174.	1.9	1
36	The Calorimetry Conference Celebrates Professor Robert H. Wood's Eightieth Birthday. Journal of Solution Chemistry, 2015, 44, 903-907.	1.2	1