

# Conceição A Minetti

## List of Publications by Year in descending order

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36  
papers

919  
citations

430874

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454955

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g-index

38  
all docs

38  
docs citations

38  
times ranked

1235  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Impact of bistrand abasic sites and proximate orientation on DNA global structure and duplex energetics. Biopolymers, 2018, 109, e23098.	2.4	15
4	Magnesium Activates Microsecond Dynamics to Regulate Integrin-Collagen Recognition. Structure, 2018, 26, 1080-1090.e5.	3.3	15
5	Heat Shock Protein 90 kDa (Hsp90) Has a Second Functional Interaction Site with the Mitochondrial Import Receptor Tom70. Journal of Biological Chemistry, 2016, 291, 18620-18631.	3.4	32
6	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
7	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
8	The Calorimetry Conference Celebrates Professor Robert H. Wood's Eightieth Birthday. Journal of Solution Chemistry, 2015, 44, 903-907.	1.2	1
9	A Revised Picture of the Cu(II)-Synuclein Complex: The Role of N-Terminal Acetylation. Biochemistry, 2014, 53, 2815-2817.	2.5	71
10	Substrate-Activated Conformational Switch on Chaperones Encodes a Targeting Signal in Type III Secretion. Cell Reports, 2013, 3, 709-715.	6.4	39
11	Structural Instability Tuning as a Regulatory Mechanism in Protein-Protein Interactions. Molecular Cell, 2011, 44, 734-744.	9.7	31
12	Novel post-synthetic generation, isomeric resolution, and characterization of Fapy-dG within oligodeoxynucleotides: differential anomeric impacts on DNA duplex properties. Nucleic Acids Research, 2011, 39, 5776-5789.	14.5	25
13	Impact of $\epsilon$ -hydroxypropanodeoxyguanine adducts on DNA duplex energetics: Opposite base modulation and implications for mutagenicity and genotoxicity. Biopolymers, 2010, 93, 370-382.	2.4	18
14	Energetic signatures of single base bulges: thermodynamic consequences and biological implications. Nucleic Acids Research, 2010, 38, 97-116.	14.5	27
15	A continuous hyperchromicity assay to characterize the kinetics and thermodynamics of DNA lesion recognition and base excision. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 70-75.	7.1	21
16	What Drives Proteins into the Major or Minor Grooves of DNA?. Journal of Molecular Biology, 2007, 365, 1-9.	4.2	172
17	Energetics of membrane protein folding and stability. Archives of Biochemistry and Biophysics, 2006, 453, 32-53.	3.0	48
18	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

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19	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
20	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
21	Acid-Induced Changes in Thermal Stability and Fusion Activity of Influenza Hemagglutinin. <i>Biochemistry</i> , 2002, 41, 2044-2054.	2.5	32
22	A one-step method for genetic transformation of non-piliated <i>Neisseria meningitidis</i> . <i>Journal of Microbiological Methods</i> , 2002, 49, 97-101.	1.6	11
23	Meningococcal PorA/C1, a Channel that Combines High Conductance and High Selectivity. <i>Biophysical Journal</i> , 1999, 76, 804-813.	0.5	23
24	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
25	Multivalent pneumococcal capsular polysaccharide conjugate vaccines employing genetically detoxified pneumolysin as a carrier protein. <i>Vaccine</i> , 1998, 16, 1732-1741.	3.8	44
26	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
27	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
28	C-Reactive Proteins, Limunectin, Lipopolysaccharide-Binding Protein, and Coagulin.. <i>Annals of the New York Academy of Sciences</i> , 1994, 712, 146-154.	3.8	19
29	Agglutination activity of <i>Limulus polyphemus</i> coagulogen following limited proteolysis. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1993, 105, 79-85.	0.2	3
30	Androgenic Expression in the Submandibular Gland of Zinc-Deficient Mice. <i>Annals of Nutrition and Metabolism</i> , 1992, 36, 167-174.	1.9	1
31	Effects of Zinc on the Trophic Activity of Testosterone in Androgen Target Tissues of Castrate Mice. <i>Cells Tissues Organs</i> , 1990, 139, 265-271.	2.3	2
32	Chronic administration of aqueous extract of <i>Stevia rebaudiana</i> (Bert.) Bertonii in rats: Endocrine effects. <i>General Pharmacology</i> , 1989, 20, 187-191.	0.7	31
33	Thyroidal Modulation of Androgenic Expression in Mice Submandibular Gland. <i>Hormone and Metabolic Research</i> , 1987, 19, 146-151.	1.5	6
34	Ontogenesis of androgen receptors in the mouse submandibular gland: correlation with the developmental profiles of circulating thyroid and testicular hormones. <i>European Journal of Endocrinology</i> , 1986, 112, 290-295.	3.7	12
35	$\beta$ -adrenergic stimulation of mouse parotid gland: Amylase activity and secretory granules during isoproterenol-induced mitosis. <i>General Pharmacology</i> , 1985, 16, 419-421.	0.7	2
36	Effects of testosterone and its metabolites in relation to androgen-binding activity in murine submandibular salivary glands. <i>Archives of Oral Biology</i> , 1985, 30, 615-619.	1.8	10