

# Dilson Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

625  
citations

840585

11  
h-index

580701

25  
g-index

52  
all docs

52  
docs citations

52  
times ranked

721  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methyl parathion interaction with human and bovine serum albumin. <i>Toxicology Letters</i> , 2004, 147, 53-61.	0.4	204
2	Chlorpromazine interactions to sera albumins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 1215-1223.	2.0	107
3	Effects of Immobilization Stress on Kidneys of Wistar Male Rats: A Morphometrical and Stereological Analysis. <i>Kidney and Blood Pressure Research</i> , 2011, 34, 424-429.	0.9	42
4	Effects of Chronic Stress on Penile Corpus Cavernosum of Rats. <i>Journal of Andrology</i> , 2012, 33, 735-739.	2.0	35
5	One round of SELEX for the generation of DNA aptamers directed against KLK6. <i>Biological Chemistry</i> , 2012, 393, 343-353.	1.2	33
6	The interaction of methyl-parathion with serum and albumin of the neo-tropical fish <i>Piaractus mesopotamicus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 32-37.	2.9	22
7	Interactions of aptamers with sera albumins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 270-275.	2.0	21
8	A fluorescent spectroscopy and modelling analysis of anti-heparanase aptamers' serum protein interactions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 127, 68-77.	1.7	21
9	Spectrofluorimetric study of the interaction of methyl-parathion with fish serum albumin. <i>Fish Physiology and Biochemistry</i> , 2010, 36, 427-433.	0.9	19
10	Anti-Heparanase Aptamers as Potential Diagnostic and Therapeutic Agents for Oral Cancer. <i>PLoS ONE</i> , 2014, 9, e96846.	1.1	18
11	Aptamers as Delivery Agents of siRNA and Chimeric Formulations for the Treatment of Cancer. <i>Pharmaceutics</i> , 2019, 11, 684.	2.0	12
12	Computational modeling of synchronization process of the circadian timing system of mammals. <i>Biological Cybernetics</i> , 2009, 100, 385-393.	0.6	9
13	Risperidone interacts with serum albumin forming complex. <i>Environmental Toxicology and Pharmacology</i> , 2012, 33, 262-266.	2.0	9
14	A Simple Mathematical Model Based on Biomarkers in Stress-Resistant Catfish Species, <i>Sciades herzbergii</i> (Pisces, Ariidae), in São Marcos Bay, Brazil. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 2380-2391.	1.4	9
15	A screening test based on hematological and histological biomarkers to evaluate the environmental impacts in tambaqui ( <i>Colossoma macropomum</i> ) from a protected area in Maranhão, Brazilian Amazon. <i>Chemosphere</i> , 2019, 214, 445-451.	4.2	8
16	Binding of Sulpiride to Seric Albumins. <i>International Journal of Molecular Sciences</i> , 2016, 17, 59.	1.8	7
17	Effect of Zusanli (ST.36) Electroacupuncture at Two Frequencies on the Bioavailability of 99mTc-Sodium Perchnetate and on Labeling of Blood Constituents in Rats. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2009, 2, 135-146.	0.3	6
18	Effects of prepubertal corticosterone treatment on urinary bladder. <i>Acta Cirurgica Brasileira</i> , 2014, 29, 55-59.	0.3	6

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19	Psychological and physiological responses to stress: a review based on results from PET and MRI studies. <i>Brazilian Archives of Biology and Technology</i> , 2008, 51, 7-12.	0.5	6
20	A mathematical model to estimate binding sites for ligands in HSA and BSA based on spectrofluorimetry. <i>Journal of Molecular Structure</i> , 2021, 1223, 129224.	1.8	5
21	Hipnose, imobilidade tnica e eletroencefalograma. <i>Jornal Brasileiro De Psiquiatria</i> , 2013, 62, 285-296.	0.2	3
22	Study on the interaction of three classical drugs used in psychiatry in albumin through spectrofluorimetric modeling. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 255, 119638.	2.0	3
23	Application of Aptamer-Based Assays to the Diagnosis of Arboviruses Important for Public Health in Brazil. <i>International Journal of Molecular Sciences</i> , 2021, 22, 159.	1.8	3
24	Interaction of sulpiride and serum albumin: Modeling from spectrofluorimetric data. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	2
25	Magnetic and electric fields across sodium and potassium channels. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	2
26	Deleterious effects of prepubertal corticosterone treatment on rat prostate. <i>Acta Cirurgica Brasileira</i> , 2015, 30, 382-387.	0.3	2
27	Effect of surface bilayer charges on the magnetic field around ionic channels. <i>Physica B: Condensed Matter</i> , 2017, 504, 86-91.	1.3	2
28	Estimating the position of sites for ligands in serum albumins from spectrofluorimetric data. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	2
29	Applying Graph Theory and Mathematical-Computational Modelling to Study a Neurophysiological Circuit. <i>Open Journal of Modelling and Simulation</i> , 2021, 09, 159-171.	0.7	2
30	Purification and physico-chemical study of serum albumins of two neotropical fish species from the So Francisco River Basin, Brazil. <i>Biota Neotropica</i> , 2015, 15, .	1.0	1
31	Relevance of Hydrodynamic Effects for the Calculation of Outer Surface Potential of Biological Membrane Using Electrophoretic Data. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 751-763.	0.3	1
32	Modeling the interaction of the carbamate fungicide Maneb, with bovine albumin. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	1
33	Verifying the competition between haloperidol and biperiden in serum albumin through a model based on spectrofluorimetry. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	1
34	Mathematical-Computational Modeling in Behavior's Study of Repetitive Discharge Neuronal Circuits. <i>Computational Biology</i> , 2018, , 243-259.	0.1	1
35	Preface of the "Symposium on drug binding to transport proteins - Exploring modeling and computational methods to get better results in human and ecosystem health". , 2014, , .		0
36	Analyzing models for interactions of aptamers to proteins. , 2014, , .		0

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37	Estimating the relative position of risperidone primary binding site in Sera Albumins. Modeling from spectrofluorimetric data. , 2014, , .		0
38	Measuring the electric activity of chick embryos heart through 16 bit audio card monitored by the Goldwavetm software. AIP Conference Proceedings, 2015, , .	0.3	0
39	Preliminary selection and evaluation of the binding of aptamers against a Hantavirus antigen using fluorescence spectroscopy and modeling. AIP Conference Proceedings, 2015, , .	0.3	0
40	Drug bind to proteins - Why modeling?. AIP Conference Proceedings, 2015, , .	0.3	0
41	Preface of the "Symposium on Ligand Binding to Proteins " Exploring Modeling and Computational Tools to Get Better Results in Human and Ecosystems Health" AIP Conference Proceedings, 2015, , .	0.3	0
42	A computational solution to analyze hydrophobic characteristics in protein chains. AIP Conference Proceedings, 2016, , .	0.3	0
43	Preface of the "International Symposium on Computational and Mathematical Modeling of Biologic and Medicine Targets" AIP Conference Proceedings, 2016, , .	0.3	0
44	Computational challenges in modeling and simulating living matter. AIP Conference Proceedings, 2016, , .	0.3	0
45	Mathematic-computational modeling for the calculations involved in the Stern-Volmer theory. AIP Conference Proceedings, 2016, , .	0.3	0
46	Process modeling of a HLA research lab. AIP Conference Proceedings, 2017, , .	0.3	0
47	A model to estimate the relative position of sites for ligands in serum albumins. AIP Conference Proceedings, 2017, , .	0.3	0
48	Preface of the Symposium on "V International Symposium of Computational and Mathematical Modelling of Biologic and Medicine Targets" AIP Conference Proceedings, 2017, , .	0.3	0
49	A model based on spectrofluorimetry to study the interaction between glyphosate and serum albumin of Salminus brasiliensis. AIP Conference Proceedings, 2017, , .	0.3	0
50	Preface of the symposium: "V-International Symposium of Computational and Mathematical Modeling of Biologic and Medicine Targets" AIP Conference Proceedings, 2018, , .	0.3	0
51	The international symposium of computational and mathematical modeling of biology and medicine targets in the ICCMSE. AIP Conference Proceedings, 2019, , .	0.3	0
52	Preface of the "VI - International Symposium of Computational and Mathematical Modeling of Biologic and Medicine Targets" AIP Conference Proceedings, 2019, , .	0.3	0