

# Isis Martins Figueiredo

## List of Publications by Year in descending order

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31  
papers

562  
citations

567247

15  
h-index

642715

23  
g-index

31  
all docs

31  
docs citations

31  
times ranked

756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions of tetracyclines with ovalbumin, the main allergen protein from egg white: Spectroscopic and electrophoretic studies. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 505-514.	7.5	49
2	Thimerosal changes protein conformation and increase the rate of fibrillation in physiological conditions: Spectroscopic studies using bovine serum albumin (BSA). <i>International Journal of Biological Macromolecules</i> , 2018, 113, 1032-1040.	7.5	38
3	Interaction between bioactive compound 11a-N-tosyl-5-deoxy-pterocarpan (LQB-223) and Calf thymus DNA: Spectroscopic approach, electrophoresis and theoretical studies. <i>International Journal of Biological Macromolecules</i> , 2017, 96, 223-233.	7.5	36
4	Highly functionalized piperidines: Free radical scavenging, anticancer activity, DNA interaction and correlation with biological activity. <i>Journal of Advanced Research</i> , 2018, 9, 51-61.	9.5	36
5	Studies on free radical scavenging, cancer cell antiproliferation, and calf thymus DNA interaction of Schiff bases. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 172, 129-138.	3.8	34
6	Synthesis and antitumor activity of novel 1-substituted phenyl 3-(2-oxo-1,3,4-oxadiazol-5-yl) $\hat{1}^2$ -carbolines and their Mannich bases. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6867-6875.	3.0	32
7	$^1\text{H}$ NMR, a Rapid Method to Monitor Organic Acids during Cupuassu ( <i>Theobroma grandiflorum</i> Spreng) Processing. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4102-4106.	5.2	29
8	Annonalide and derivatives: Semisynthesis, cytotoxic activities and studies on interaction of annonalide with DNA. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 179, 156-166.	3.8	29
9	5-Nitro-Thiophene-Thiosemicarbazone Derivatives Present Antitumor Activity Mediated by Apoptosis and DNA Intercalation. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 1075-1091.	2.1	26
10	Complexes of fluconazole with sodium p-sulfonatocalix[n]arenes: characterization, solubility and antifungal activity. <i>RSC Advances</i> , 2015, 5, 44317-44325.	3.6	24
11	Correlation between DNA/HSA-interactions and antimalarial activity of acridine derivatives: Proposing a possible mechanism of action. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 189, 165-175.	3.8	23
12	Ionic liquid-assisted synthesis of dihydropyrimidin(thi)one Biginelli adducts and investigation of their mechanism of urease inhibition. <i>New Journal of Chemistry</i> , 2019, 43, 15187-15200.	2.8	23
13	Toxicity of thimerosal in biological systems: Conformational changes in human hemoglobin, decrease of oxygen binding capacity, increase of protein glycation and amyloid's formation. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 661-671.	7.5	21
14	Evaluation of guanylhyazone derivatives as inhibitors of <i>Candida rugosa</i> digestive lipase: Biological, biophysical, theoretical studies and biotechnological application. <i>Bioorganic Chemistry</i> , 2019, 87, 169-180.	4.1	20
15	<i>In vitro</i> inhibition of <i>Helicobacter pylori</i> and interaction studies of lichen natural products with jack bean urease. <i>New Journal of Chemistry</i> , 2018, 42, 5356-5366.	2.8	17
16	Prilocaine-cyclodextrin-liposome: effect of pH variations on the encapsulation and topology of a ternary complex using $^1\text{H}$ NMR. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 295-300.	1.9	15
17	Interaction of $\hat{1}^2$ -Carbolines with DNA: Spectroscopic Studies, Correlation with Biological Activity and Molecular Docking. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	14
18	Molecular interaction of sulfonamides and ovalbumin, an allergenic egg protein, exploring biophysical, theoretical and biological studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117747.	3.9	14

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19	Oncocalyxone A: electrochemical, spectroscopic investigation and studies of its interaction with DNA, nucleobases and N-acetylcysteine. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1174-1185.	0.6	11
20	Evaluation of Proton Nuclear Magnetic Resonance Spectroscopy for Determining the Yield of Fatty Acid Ethyl Esters Obtained by Transesterification. <i>Energy &amp; Fuels</i> , 2015, 29, 7343-7349.	5.1	11
21	Synthesis and antiproliferative activity of novel limonene derivatives with a substituted thiourea moiety. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 954-960.	0.6	10
22	Synthesis of hybrids thiazole-quinoline, thiazole-indole and their analogs: <i>in vitro</i> anti-proliferative effects on cancer cell lines, DNA binding properties and molecular modeling. <i>New Journal of Chemistry</i> , 2021, 45, 13847-13859.	2.8	10
23	The new psychoactive substances 25H-NBOMe and 25H-NBOH induce abnormal development in the zebrafish embryo and interact in the DNA major groove. <i>Current Research in Toxicology</i> , 2021, 2, 386-398.	2.7	10
24	Mapeamento das interações proteína-ligante através de técnicas de RMN de <sup>1</sup> H utilizando detecção do ligante. <i>Quimica Nova</i> , 2007, 30, .	0.3	7
25	Recreational drugs 25I-NBOH and 25I-NBOMe bind to both Sudlow's sites I and II of human serum albumin (HSA): biophysical and molecular modeling studies. <i>New Journal of Chemistry</i> , 2021, 45, 13158-13167.	2.8	6
26	Synthesis, anticancer activities and experimental-theoretical DNA interaction studies of 2-amino-4-phenyl-4H-benzo[h]chromene-3-carbonitrile. <i>European Journal of Medicinal Chemistry Reports</i> , 2022, 4, 100030.	1.4	6
27	Consequences of thimerosal on human erythrocyte hemoglobin: Assessing functional and structural protein changes induced by an organic mercury compound. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 71, 126928.	3.0	6
28	Interactions of tetracyclines with milk allergenic protein (casein): a molecular and biological approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 5389-5400.	3.5	5
29	EVALUATION OF THE RADICAL DIETHYL-1,4-FENILENEDIANIME (DEPD <sup>+</sup> ) AS A SPECTROPHOTOMETRIC PROBE FOR DETERMINING ANTIOXIDANT CAPACITIES IN BEVEREGES. <i>Quimica Nova</i> , 2015, , .	0.3	0
30	The History of Regional Meeting of the Brazilian Chemical Society in the Northeast of Brazil. <i>Revista Virtual De Quimica</i> , 2017, 9, 1760-1772.	0.4	0
31	Prevention of damage to the cholinergic pathway in bone marrow cells after short-term exposure to high fat diet: the effect of supplementation with omega-3 fatty acid (EPA and DHA). , 0, , .		0