

E S Marinho

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

306
citations

9
h-index

13
g-index

100
ext. papers

456
ext. citations

2.8
avg, IF

3.65
L-index

#	Paper	IF	Citations
70	Hypoglycemic and hepatoprotective effects in adult zebrafish (<i>Danio rerio</i>) of fisetinidol isolated from <i>Albizia julibrissin</i> and assays.. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022 , 1-15	3.6	1
69	Electrochemical and theoretical investigation on the behavior of the Co ion in three eutectic solvents.. <i>Journal of Molecular Graphics and Modelling</i> , 2022 , 112, 108137	2.8	0
68	Synthesis, structural and spectroscopic analysis, and antiproliferative activity of chalcone derivate (E)-1-(4-aminophenyl)-3-(benzo[b]thiophen-2-yl)prop-2-en-1-one in <i>Trypanosoma cruzi</i> . <i>Journal of Molecular Structure</i> , 2022 , 1253, 132197	3.4	1
67	GABA receptor participation in anxiolytic and anticonvulsant effects of (E)-3-(furan-2-yl)-1-(2-hydroxy-3,4,6-trimethoxyphenyl)prop-2-en-1-one in adult zebrafish.. <i>Neurochemistry International</i> , 2022 , 105303	4.4	3
66	Spectroscopic, physicochemical, and pharmacokinetic analysis of <i>Platyrrhizol</i> mixture obtained from <i>Protium heptaphyllum</i> (Aubl.) Marchand resin. <i>Journal of Molecular Structure</i> , 2022 , 1256, 132551	3.4	1
65	Chloride substitution on 2-hydroxy-3,4,6-trimethoxyphenylchalcones improves in vitro selectivity on <i>Trypanosoma cruzi</i> strain Y.. <i>Chemico-Biological Interactions</i> , 2022 , 109920	5	2
64	Antioxidant activity of eugenol and its acetyl and nitroderivatives: the role of quinone intermediates-a DFT approach of DPPH test.. <i>Journal of Molecular Modeling</i> , 2022 , 28, 133	2	0
63	Combined study of docking and molecular dynamics against DNV-3 SN1 protein by bixinoids.. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022 , 1-11	3.6	
62	Predictive ADMET study of rhodanine-3-acetic acid chalcone derivatives. <i>Journal of the Indian Chemical Society</i> , 2022 , 99, 100535		3
61	Modulating antibacterial activity against multidrugresistant <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> of the flavonoid pectolarin isolated from <i>Lantana camara</i> leaves. <i>Journal of Analytical & Pharmaceutical Research</i> , 2021 , 10, 217-220	0.4	
60	Structural and spectroscopic analysis, ADMET study, and anxiolytic-like effect in adult zebrafish (<i>Danio rerio</i>) of 4'-[(1E,2E)-1-(2-(2,4-dinitrophenyl)hydrazono)-3-(4-methoxyphenyl)allyl]aniline. <i>Journal of Molecular Structure</i> , 2021 , 1251, 132064	3.4	1
59	In vitro and in silico studies of chalcones derived from natural acetophenone inhibitors of NorA and MepA multidrug efflux pumps in <i>Staphylococcus aureus</i> . <i>Microbial Pathogenesis</i> , 2021 , 161, 105286	3.8	2
58	Antinociceptive, anti-inflammatory and hypoglycemic activities of the ethanolic <i>Sm. flower</i> extract in adult zebrafish (<i>Danio rerio</i>). <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-13	3.6	
57	Diterpene Sonderianin isolated from exhibits acetylcholinesterase inhibitory action and anxiolytic effect in adult zebrafish (<i>Danio rerio</i>) by 5-HT system. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-16	3.6	1
56	Diazepam's antifungal activity in fluconazole-resistant spp. and biofilm inhibition in <i>Candida albicans</i> : evaluation of the relationship with the proteins ALS3 and SAP5. <i>Journal of Medical Microbiology</i> , 2021 , 70,	3.2	2
55	Anxiolytic-like and Anticonvulsant Effect in Adult Zebrafish (<i>Danio rerio</i>) through GABAergic System and Molecular Docking Study of Chalcone Derived from Natural Products. <i>Biointerface Research in Applied Chemistry</i> , 2021 , 11, 14021-14031	2.8	6
54	Carbon steel corrosion inhibition in acid medium by imidazole-based molecules: Experimental and molecular modelling approaches. <i>Journal of Molecular Liquids</i> , 2021 , 326, 115330	6	8

53	Wittm. fruit extracts as inhibitors: and approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-16	3.6	1
52	Evaluation of Antimicrobial and Antioxidant Potential of Essential Oil from <i>Croton piauhiensis</i> M□□. <i>Arg. Current Microbiology</i> , 2021 , 78, 1926-1938	2.4	1
51	Virtual Screening of Citrus Flavonoid Tangeretin: A Promising Pharmacological Tool for the Treatment and Prevention of Zika fever and COVID-19. <i>Journal of Computational Biophysics and Chemistry</i> , 2021 , 20, 283-304		3
50	Chalcones reverse the anxiety and convulsive behavior of adult zebrafish. <i>Epilepsy and Behavior</i> , 2021 , 117, 107881	3.2	7
49	Chemical composition and potentiating action of Norfloxacin mediated by the essential oil of <i>Piper caldense</i> C.D.C. against <i>Staphylococcus aureus</i> strains overexpressing efflux pump genes. <i>Archives of Microbiology</i> , 2021 , 203, 4727-4736	3	2
48	extract reverses anxiety and seizure behavior in adult zebrafish through GABAergic neurotransmission: an study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-14	3.6	2
47	Potentiating activity of Norfloxacin by synthetic chalcones against NorA overproducing <i>Staphylococcus aureus</i> . <i>Microbial Pathogenesis</i> , 2021 , 155, 104894	3.8	7
46	Anti-MRSA activity of curcumin in planktonic cells and biofilms and determination of possible action mechanisms. <i>Microbial Pathogenesis</i> , 2021 , 155, 104892	3.8	5
45	Effects of ketamine in methicillin-resistant and in silico interaction with sortase A. <i>Canadian Journal of Microbiology</i> , 2021 , 67, 885-893	3.2	0
44	Anxiolytic-like effect of natural product 2-hydroxy-3,4,6-trimethoxyacetophenone isolated from <i>Croton anisodontus</i> in adult zebrafish via serotonergic neuromodulation involvement of the 5-HT system. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021 , 394, 2023-2032	3.4	2
43	Anacardic Acid Complexes as Possible Agents Against Alzheimer's Disease Through Their Antioxidant, In vitro, and In silico Anticholinesterase and Ansiolic Actions. <i>Neurotoxicity Research</i> , 2021 , 39, 467-476	4.3	1
42	Synthesis, spectroscopic characterization and antibacterial evaluation by chalcones derived of acetophenone isolated from <i>Croton anisodontus</i> M□□.Arg.. <i>Journal of Molecular Structure</i> , 2021 , 1226, 129403	3.4	15
41	Antinociceptive effect of triterpene acetyl aleuritolic acid isolated from <i>Croton zehntneri</i> in adult zebrafish (<i>Danio rerio</i>). <i>Biochemical and Biophysical Research Communications</i> , 2021 , 534, 478-484	3.4	5
40	Full Spectroscopic Characterization and Cytotoxicity Activity of Synthetic Dibenzalacetone Derivatives.. <i>Journal of Molecular Structure</i> , 2021 , 1231, 129670	3.4	
39	Structural characterization, DFT calculations, ADMET studies, antibiotic potentiating activity, evaluation of efflux pump inhibition and molecular docking of chalcone (E)-1-(2-hydroxy-3,4,6-trimethoxyphenyl)-3-(4-methoxyphenyl)prop-2-en-1-one. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129692	3.4	5
38	Virtual Screening of Natural Curcumins and Related Compounds Against SARS-CoV-2. <i>Journal of Computational Biophysics and Chemistry</i> , 2021 , 20, 53-70		4
37	Effect of additives on the oxidative stability and corrosivity of biodiesel samples derived from babassu oil and residual frying oil: An experimental and theoretical assessment. <i>Fuel</i> , 2021 , 289, 119939	7.1	5
36	Quantum computational investigations and molecular docking studies on amentoflavone. <i>Heliyon</i> , 2021 , 7, e06079	3.6	8

35	In silico study of the potential interactions of 4'-acetamidechalcones with protein targets in SARS-CoV-2. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 537, 71-77	3.4	11
34	Antibacterial and antibiotic modifying activity, ADMET study and molecular docking of synthetic chalcone (E)-1-(2-hydroxyphenyl)-3-(2,4-dimethoxy-3-methylphenyl)prop-2-en-1-one in strains of <i>Staphylococcus aureus</i> carrying NorA and MepA efflux pumps. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111768	7.5	4
33	Antiproliferative activity on (Y strain) of the triterpene 3β,16β-trihydroxilup-20 (29)-ene isolated from. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-14	3.6	0
32	Physical-chemical characterization, controlled release, and toxicological potential of galactomannan-bixin microparticles. <i>Journal of Molecular Structure</i> , 2021 , 1239, 130499	3.4	1
31	and evaluation of efflux pumps inhibition of <i>Plasmyrin</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-15	3.6	0
30	Computational approach towards the design of artemisinin-thymoquinone hybrids against main protease of SARS-COV-2. <i>Future Journal of Pharmaceutical Sciences</i> , 2021 , 7, 185	2.1	2
29	Spectroscopic analysis by NMR, FT-Raman, ATR-FTIR, and UV-Vis, evaluation of antimicrobial activity, and in silico studies of chalcones derived from 2-hydroxyacetophenone. <i>Journal of Molecular Structure</i> , 2021 , 1241, 130647	3.4	2
28	Molecular docking identification for the efficacy of natural limonoids against COVID-19 virus main protease. <i>Journal of the Indian Chemical Society</i> , 2021 , 98, 100157		
27	Synthesis, structural and spectroscopic characterization, in silico study, and antinociceptive effect in adult zebrafish of 2-(4-isobutylphenyl)-N'-phenylpropanohydrazide. <i>Journal of Molecular Structure</i> , 2021 , 1243, 130860	3.4	1
26	Structural and spectroscopic analysis and evaluation of cytotoxic activity of 2-hydroxychalcones against human cancer cell lines. <i>Journal of Molecular Structure</i> , 2021 , 1245, 131135	3.4	2
25	Antioxidant and anticholinesterase activities of amentoflavone isolated from (Gardner) Engl. through and chemical-quantum studies.. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-11	3.6	0
24	Synthesis, antibiotic modifying activity, ADMET study and molecular docking of chalcone (E)-3-(2,4-dichlorophenyl)-1-(2-hydroxyphenyl)prop-2-en-1-one in strains of <i>Staphylococcus aureus</i> carrying MepA efflux pumps.. <i>Archives of Microbiology</i> , 2021 , 204, 63	3	
23	A potential bio-antioxidant for mineral oil from cashew nutshell liquid: an experimental and theoretical approach. <i>Brazilian Journal of Chemical Engineering</i> , 2020 , 37, 369-381	1.7	5
22	Characterization of rotenoid stemonal by semiempirical methods and molecular docking. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	0
21	Characterization of the structural, spectroscopic, nonlinear optical, electronic properties and antioxidant activity of the N-{4[(E)-3-(Fluorophenyl)-1-(phenyl)prop-2-en-1-one]}-acetamide. <i>Journal of Molecular Structure</i> , 2020 , 1220, 128765	3.4	13
20	Structural, Vibrational and Electrochemical Analysis and Antibacterial Potential of Isomeric Chalcones Derived from Natural Acetophenone. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4713	2.6	9
19	Virtual screening based on molecular docking of possible inhibitors of Covid-19 main protease. <i>Microbial Pathogenesis</i> , 2020 , 148, 104365	3.8	49
18	THEORETICAL STUDY OF THE POTENTIAL ANTI-CHAGASIC PHARMACOLOGICAL TOOL MACHILIN G: A STUDY OF MOLECULAR DOCKING. <i>International Journal of Research -GRANTHAALAYAH</i> , 2020 , 8, 188-211	0.2	

17	METHYLCYTISINE ALKALOID POTENTIALLY ACTIVE AGAINST DENGUE VIRUS: A MOLECULAR DOCKING STUDY AND ELECTRONIC STRUCTURAL CHARACTERIZATION. <i>International Journal of Research -GRANTHAALAYAH</i> , 2020 , 8, 221-236	0.2	7
16	STUDY OF THE INHIBITION POTENTIAL OF REMDESIVIR DERIVATIVES ON MPRO OF SARS-COV-2. <i>International Journal of Research -GRANTHAALAYAH</i> , 2020 , 8, 164-174	0.2	3
15	Antifungal activity of etomidate against growing biofilms of fluconazole-resistant spp. strains, binding to mannoproteins and molecular docking with the ALS3 protein. <i>Journal of Medical Microbiology</i> , 2020 , 69, 1221-1227	3.2	2
14	Synthesis of Quercetin-Metal Complexes, In Vitro and In Silico Anticholinesterase and Antioxidant Evaluation, and In Vivo Toxicological and Anxiolytic Activities. <i>Neurotoxicity Research</i> , 2020 , 37, 893-903	4.3	14
13	Antifungal activity of ßapachone against azole-resistant spp. and its aspects upon biofilm formation. <i>Future Microbiology</i> , 2020 , 15, 1543-1554	2.9	0
12	Molecular approach about the effect of water on the electrochemical behaviour of Ag ions in urea-choline chloride-water mixture. <i>Journal of Molecular Modeling</i> , 2020 , 26, 339	2	3
11	Structural characterization, electronic properties, and anxiolytic-like effect in adult zebrafish (<i>Danio rerio</i>) of cinnamaldehyde chalcone. <i>Journal of Molecular Structure</i> , 2020 , 1222, 128954	3.4	9
10	ELECTRONIC, STRUCTURAL AND PHARMACOKINETIC CHARACTERIZATION OF TRICYCLIC ALKALOID ALTERNAMIDE A: A SEMI-EMPIRICAL QUANTUM STUDY AND ADMET. <i>International Journal of Research -GRANTHAALAYAH</i> , 2019 , 7, 429-447	0.2	2
9	IN SILICO STUDIES OF SOPHORAFLAVANONE G: QUANTUM CHARACTERIZATION AND ADMET. <i>International Journal of Research -GRANTHAALAYAH</i> , 2019 , 7, 160-179	0.2	2
8	ESTUDO IN SILICO DO FLAVONOIDE ANTITROMB�TICO TERNATIN, PRESENTE NOS CAP�TULOS FLORAIS DE EGLETES VISCOSA LESS "MACELA-DA-TERRA" 2018 , 2, 23		3
7	ESTUDO COMPARATIVO DE DOCKING MOLECULAR ENTRE O INIBIDOR DE PROTEASE SAQUINAVIR E O CAROTENOIDE BIXINA COMO POTENCIAL INIBIDOR DO V�RUS HIV TIPO I (1HXB) 2018 , 3, 35		2
6	UTILIZA��O DO M�TODOS SEMI-EMP�RICO PM7 PARA CARACTERIZA��O DO F�RMACO ATALURENO: HOMO, LUMO, MESP 2016 , 1,		5
5	Mass spectrometry and X-ray diffraction analysis of two crystal types of Dioclea virgata lectin: an antinociceptive protein candidate to structure/function analysis. <i>Applied Biochemistry and Biotechnology</i> , 2011 , 164, 741-54	3.2	13
4	Purification, characterization, and preliminary X-ray diffraction analysis of a lactose-specific lectin from <i>Cymbosema roseum</i> seeds. <i>Applied Biochemistry and Biotechnology</i> , 2009 , 152, 383-93	3.2	10
3	Purification of a PHA-like chitin-binding protein from <i>Acacia farnesiana</i> seeds: a time-dependent oligomerization protein. <i>Applied Biochemistry and Biotechnology</i> , 2008 , 150, 97-111	3.2	13
2	Purification, partial characterization and preliminary X-ray diffraction analysis of a mannose-specific lectin from <i>Cymbosema roseum</i> seeds. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006 , 62, 235-7		4
1	Synthesis of a new quinine dimer biocatalysed by the coconut water. <i>Biocatalysis and Biotransformation</i> , 1-10	2.5	1