

Carlos E S Nogueira

List of Publications by Year in descending order

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42
papers

474
citations

623188

14
h-index

839053

18
g-index

42
all docs

42
docs citations

42
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Chalcones Isolated from Arrabidaea brachypoda Flowers as Inhibitors of NorA and MepA Multidrug Efflux Pumps of Staphylococcus aureus. <i>Antibiotics</i> , 2020, 9, 351.	1.5	27
2	Synthesis, spectroscopic characterization and antibacterial evaluation by chalcones derived of acetophenone isolated from Croton anisodontus MÃ¼ll.Arg.. <i>Journal of Molecular Structure</i> , 2021, 1226, 129403.	1.8	25
3	Structural, vibrational and electrochemical analysis and antibiotic activity study of chalcone (2E)-1-(3-ethoxy-4-hydroxyphenyl)-3-(3-nitrophenyl)prop-2-en-1-one. <i>Journal of Molecular Structure</i> , 2020, 1216, 128358.	1.8	23
4	Infrared and Raman spectroscopy and DFT calculations of DL amino acids: Valine and lysine hydrochloride. <i>Journal of Molecular Structure</i> , 2017, 1127, 419-426.	1.8	19
5	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 Staphylococcus aureus carrying NorA and MepA efflux pumps. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111768.	2.5	19
6	Aminophenyl chalcones potentiating antibiotic activity and inhibiting bacterial efflux pump. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 158, 105695.	1.9	18
7	Anxiolytic-like effect of chalcone N-(2E)-3-(3-nitrophenyl)-1-(phenyl)prop-2-en-1-one} acetamide on adult zebrafish (Danio rerio): Involvement of the 5-HT system. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 505-511.	1.0	18
8	Direct antibacterial and antibiotic resistance modulatory activity of chalcones synthesized from the natural product 2-hydroxy-3,4,6-trimethoxyacetophenone. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	17
9	Spectroscopic characterization and efflux pump modulation of a thiophene curcumin derivative. <i>Journal of Molecular Structure</i> , 2020, 1215, 128291.	1.8	17
10	Macromolecular properties of cepacian in water and in dimethylsulfoxide. <i>Carbohydrate Research</i> , 2008, 343, 81-89.	1.1	16
11	Conformational change in the C form of palmitic acid investigated by Raman spectroscopy and X-ray diffraction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 161, 162-169.	2.0	16
12	Potentiating activity of Norfloxacin by synthetic chalcones against NorA overproducing Staphylococcus aureus. <i>Microbial Pathogenesis</i> , 2021, 155, 104894.	1.3	16
13	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.	1.8	16
14	Potential of antibiotic activity by chalcone (E)-1-(4-aminophenyl)-3-(furan-2-yl)prop-2-en-1-one against gram-positive and gram-negative MDR strains. <i>Microbial Pathogenesis</i> , 2020, 148, 104453.	1.3	15
15	Structural characterization, electronic properties, and anxiolytic-like effect in adult zebrafish (Danio rerio) of cinnamaldehyde chalcone. <i>Journal of Molecular Structure</i> , 2020, 1222, 128954.	1.8	15
16	Structural, Vibrational and Electrochemical Analysis and Antibacterial Potential of Isomeric Chalcones Derived from Natural Acetophenone. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4713.	1.3	15
17	Crystal structure, FT-Raman and FTIR spectra and DFT calculations of chalcone (2E)-1-(4-aminophenyl)-3-(furan-2-yl)prop-2-en-1-one monohydrate. <i>Journal of Molecular Structure</i> , 2020, 1212, 128141.	1.8	14
18	Temperature-dependent vibrational spectroscopic study and DFT calculations of the sorbic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1409-1416.	2.0	12

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19	Low-Temperature Phase Transition of Dodecanoic Acid Crystals: A Study Using Raman, Powder X-ray Diffraction, and Density Functional Theory Calculations. <i>Crystal Growth and Design</i> , 2020, 20, 281-290.	1.4	12
20	Structural characterization, antibacterial activity and NorA efflux pump inhibition of flavonoid fisetinidol. <i>South African Journal of Botany</i> , 2020, 132, 140-145.	1.2	12
21	Chemical analysis and vibrational spectroscopy study of essential oils from <i>Lippia sidoides</i> and of its major constituent. <i>Vibrational Spectroscopy</i> , 2020, 110, 103111.	1.2	12
22	Inhibition of the NorA efflux pump of <i>S. aureus</i> by (Z)-5-(4-Fluorobenzylidene)-Imidazolidines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 31, 127670.	1.0	12
23	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.	1.8	12
24	<i>In silico</i> and <i>in vitro</i> evaluation of efflux pumps inhibition of $\hat{1}\pm, \hat{1}^2$ -amyrin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 12785-12799.	2.0	12
25	<i>In vitro</i> and <i>in silico</i> 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.	1.3	12
26	FT-IR and Raman spectra and DFT calculations on bis(L-histidinato)nickel(II) monohydrate. <i>Journal of Molecular Structure</i> , 2013, 1054-1055, 143-149.	1.8	11
27	Structural, vibrational and thermal studies on bis(L-glutaminato)copper(II). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 603-613.	2.0	10
28	Conformational features of cepacian: the exopolysaccharide produced by clinical strains of <i>Burkholderia cepacia</i> . <i>Carbohydrate Research</i> , 2005, 340, 1025-1037.	1.1	9
29	Vibrational spectroscopy and DFT calculations of flavonoid derriobtusone A. <i>Journal of Molecular Structure</i> , 2017, 1130, 231-237.	1.8	7
30	Anxiolytic-like effect of brominated compounds from the marine sponge <i>Aplysina fulva</i> on adult zebrafish (<i>Danio rerio</i>): Involvement of the GABAergic system. <i>Neurochemistry International</i> , 2021, 146, 105021.	1.9	7
31	Antifungal Activity and Synergistic Effect of Essential oil from <i>Lippia alba</i> Against <i>Trichophyton rubrum</i> and <i>Candida</i> spp.. <i>Revista Virtual De Quimica</i> , 2020, 12, 1529-1540.	0.1	7
32	Pressure induced transformations in sorbic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 184, 327-334.	2.0	4
33	High pressure Raman scattering of DL- $\hat{1}$ isoleucine crystals and DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 207-215.	2.0	3
34	Phase Transformations of Azithromycin Crystals Investigated by Thermal and Spectroscopic Analyses Combined with <i>Ab Initio</i> Calculations. <i>Crystal Growth and Design</i> , 2021, 21, 3602-3613.	1.4	3
35	Vibrational spectroscopy, <i>ab initio</i> calculations and Frontier Orbital analysis of 4,5,6,8,9-pentachloropyrimido-[1,2-a][1,8]naphthyridin-10-one. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 304-311.	2.0	2
36	Low-temperature and high-pressure Raman spectroscopy of 2-hydroxy-3,4,6-trimethoxyacetophenone isolated from the <i>Croton anisodontus</i> Mill. Arg.. <i>Vibrational Spectroscopy</i> , 2020, 110, 103143.	1.2	2

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37	Full Spectroscopic Characterization and Cytotoxicity Activity of Synthetic Dibenzalacetone Derivatives.. Journal of Molecular Structure, 2021, 1231, 129670.	1.8	2
38	Mechanism of the lethal effect of Riparin E against bacterial and yeast strains. Microbial Pathogenesis, 2021, 157, 104968.	1.3	2
39	Phase changes of tris(glycinato)chromium(III) monohydrate crystal systematically studied by thermal analyses, XRPD, FTIR, and Raman combined with ab initio calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 271, 120883.	2.0	2
40	Low-temperature Raman spectra of the 2-(1-methylbenzylamino)-5-nitropyridine crystal. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 183, 209-217.	2.0	1
41	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 Staphylococcus aureus carrying MepA efflux pumps. Archives of Microbiology, 2022, 204, 63.	1.0	0
42	Potential of antibiotic activity, and efflux pumps inhibition by (2-ethyl-5-hydroxyphenyl)acrylonitrile. Archives of Microbiology, 2022, 204, 63.	1.0	0