

Alexandre Magno Rodrigues Teixeira

List of Publications by Year in descending order

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116
papers

1,229
citations

471509

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120
all docs

120
docs citations

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times ranked

1178
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#	ARTICLE	IF	CITATIONS
1	<i>Combretum lanceolatum</i> extract reverses anxiety and seizure behavior in adult zebrafish through GABAergic neurotransmission: an <i>in vivo</i> and in silico study. Journal of Biomolecular Structure and Dynamics, 2022, 40, 9801-9814.	3.5	11
2	Antiproliferative activity on <i>Trypanosoma cruzi</i> (Y strain) of the triterpene 3 β ,6 β ,16 β -trihydroxylup-20 (29)-ene isolated from <i>Combretum leprosum</i>. Journal of Biomolecular Structure and Dynamics, 2022, 40, 12302-12315.	3.5	3
3	<i>In silico</i> and <i>in vitro</i> evaluation of efflux pumps inhibition of \pm , β -amyryn. Journal of Biomolecular Structure and Dynamics, 2022, 40, 12785-12799.	3.5	12
4	Diterpene Sonderianin isolated from <i>Croton blanchetianus</i> exhibits acetylcholinesterase inhibitory action and anxiolytic effect in adult zebrafish (<i>Danio rerio</i>) by 5-HT system. Journal of Biomolecular Structure and Dynamics, 2022, 40, 13625-13640.	3.5	6
5	Structural and spectroscopic analysis, ADMET study, and anxiolytic-like effect in adult zebrafish (<i>Danio rerio</i>) of 4-[(1E,2E)-1-(2-(4-dinitrophenyl)hydrazono-3-(4-methoxyphenyl)allyl)aniline. Journal of Molecular Structure, 2022, 1251, 132064.	3.6	3
6	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>. Journal of Molecular Structure, 2022, 1253, 132197.	3.6	6
7	Na-TiNT Nanocrystals: Synthesis, Characterization, and Antibacterial Properties. Bioinorganic Chemistry and Applications, 2022, 2022, 1-10.	4.1	3
8	Quantum mechanical, molecular docking, molecular dynamics, ADMET and antiproliferative activity on <i>Trypanosoma cruzi</i> (Y strain) of chalcone (E)-1-(2-hydroxy-3,4,6-trimethoxyphenyl)-3-(3-nitrophenyl)prop-2-en-1-one derived from a natural product. Physical Chemistry Chemical Physics, 2022, 24, 5052-5069.	2.8	6
9	Pharmacological potential of the triterpene 3 β ,6 β ,16 β -trihydroxylup-20 (29)-ene isolated from <i>Combretum leprosum</i>: A literature review. Fundamental and Clinical Pharmacology, 2022, , .	1.9	1
10	Hypoglycemic effect on adult zebrafish (<i>Danio rerio</i>) of the 3 β ,6 β ,16 β -trihydroxylup-20 (29)-ene triterpene isolated from <i>Combretum leprosum</i> leaves in vivo and in silico approach. Fundamental and Clinical Pharmacology, 2022, , .	1.9	1
11	GABAA 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. Neurochemistry International, 2022, 155, 105303.	3.8	7
12	Spectroscopic, physicochemical, and pharmacokinetic analysis of \pm , β -amyryn mixture obtained from <i>Protium heptaphyllum</i> (Aubl.) Marchand resin. Journal of Molecular Structure, 2022, 1256, 132551.	3.6	2
13	Vibrational spectroscopy and lattice dynamic calculation on the MnMoO4 system. Journal of Solid State Chemistry, 2022, 311, 123105.	2.9	2
14	Chloride substitution on 2-hydroxy-3,4,6-trimethoxyphenylchalcones improves in vitro selectivity on <i>Trypanosoma cruzi</i> strain Y. Chemo-Biological Interactions, 2022, 361, 109920.	4.0	7
15	Potential of antibiotic activity, and efflux pumps inhibition by (2E)-1-(2-hydroxy-3,4,6-trimethoxyphenyl)prop-2-en-1-one. Journal of Molecular Structure, 2022, 1264, 133222.	1.9	0
16	Synthesis, crystal structure, ATR-FTIR, FT-Raman and UV spectra, structural and spectroscopic analysis of (3E)-1-(2-hydroxy-3,4,6-trimethoxyphenyl)prop-2-en-1-one. Journal of Molecular Structure, 2022, 1264, 133222.	3.6	6
17	Predictive ADMET study of rhodanine-3-acetic acid chalcone derivatives. Journal of the Indian Chemical Society, 2022, 99, 100535.	2.8	9
18	Synthesis, crystal structure and ATR-FTIR, FT-Raman and UV-Vis spectroscopic analysis of dihydrochalcone (3R)-3-(4-chlorophenyl)-3-hydroxy-1-(2-hydroxyphenyl)propan-1-one. Journal of Molecular Structure, 2022, 1266, 133516.	3.6	5

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19	Antibacterial and antibiotic modifying activity of chalcone (2E)-1-(4-aminophenyl)-3-(4-methoxyphenyl)-prop-2-en-1-one in strains of <i>Staphylococcus aureus</i> carrying NorA and MepA efflux pumps: In vitro and in silico approaches. <i>Microbial Pathogenesis</i> , 2022, 169, 105664.	2.9	4
20	Synthesis, spectroscopic characterization and antibacterial evaluation by chalcones derived of acetophenone isolated from <i>Croton anisodontus</i> MÃ¼ll.Arg.. <i>Journal of Molecular Structure</i> , 2021, 1226, 129403.	3.6	25
21	Antinociceptive effect of triterpene acetyl aleuritic 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.	2.1	15
22	Full Spectroscopic Characterization and Cytotoxicity Activity of Synthetic Dibenzalacetone Derivatives.. <i>Journal of Molecular Structure</i> , 2021, 1231, 129670.	3.6	2
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.	3.6	12
24	Study on optical, electrochemical and thermal properties of the Meldrum acid 5-aminomethylene derivative. <i>Vibrational Spectroscopy</i> , 2021, 112, 103188.	2.2	4
25	In silico study of the potential interactions of 4-aminodechalcones with protein targets in SARS-CoV-2. <i>Biochemical and Biophysical Research Communications</i> , 2021, 537, 71-77.	2.1	15
26	UPLC-QTOF-MS/MS analysis and antibacterial activity of the <i>Manilkara zapota</i> (L.) P. Royen against <i>Escherichia coli</i> and other MDR bacteria. <i>Cellular and Molecular Biology</i> , 2021, 67, 116-124.	0.9	11
27	Evaluation of phytochemical composition, toxicity in <i>Drosophila melanogaster</i> and effects on antibiotics modulation of <i>Plathymenia reticulata</i> Benth extract. <i>Toxicology Reports</i> , 2021, 8, 732-739.	3.3	5
28	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.	1.0	9
29	Aminophenyl chalcones potentiating antibiotic activity and inhibiting bacterial efflux pump. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 158, 105695.	4.0	18
30	The 1,8-naphthyridines sulfonamides are NorA efflux pump inhibitors. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 24, 233-240.	2.2	14
31	Evaluation of Antimicrobial and Antioxidant Potential of Essential Oil from <i>Croton piauhiensis</i> MÃ¼ll.Arg.. <i>Current Microbiology</i> , 2021, 78, 1926-1938.	2.2	5
32	Chemical synthesis, molecular docking and MepA efflux pump inhibitory effect by 1,8-naphthyridines sulfonamides. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 160, 105753.	4.0	10
33	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.	2.2	8
34	Potentiating activity of Norfloxacin by synthetic chalcones against NorA overproducing <i>Staphylococcus aureus</i> . <i>Microbial Pathogenesis</i> , 2021, 155, 104894.	2.9	16
35	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.	3.0	7
36	Antibacterial and modulatory activities of β -cyclodextrin complexed with (+)- β -citronellol against multidrug-resistant strains. <i>Microbial Pathogenesis</i> , 2021, 156, 104928.	2.9	7

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37	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.	5.6	19
38	Physical-chemical characterization, controlled release, and toxicological potential of galactomannan-bixin microparticles. <i>Journal of Molecular Structure</i> , 2021, 1239, 130499.	3.6	3
39	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.	3.6	16
40	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.	3.6	4
41	Structural and spectroscopic analysis of the Cis-Trans isomers of the captopril in the gaseous and aqueous phases. <i>Journal of Molecular Structure</i> , 2021, 1243, 130872.	3.6	2
42	A temperature-dependent Raman scattering and X-ray diffraction study of K ₂ Mo ₂ O ₇ ·H ₂ O and ab initio calculations of K ₂ Mo ₂ O ₇ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 263, 120184.	3.9	5
43	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.	3.6	5
44	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.	2.9	12
45	Temperature dependence Raman spectroscopy and DFT calculations of Bi ₂ (MoO ₄) ₃ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 224, 117340.	3.9	10
46	Preparation, structural and spectroscopic characterization of chitosan membranes containing allantoin. <i>Journal of Molecular Structure</i> , 2020, 1199, 126968.	3.6	23
47	Characterization of zinc complex with 4-[[1E)-(2 Hydroxyphenyl)methylidene]amino}-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one by FT-IR and FT-Raman spectroscopies and DFT calculations. <i>Journal of Molecular Structure</i> , 2020, 1202, 127295.	3.6	5
48	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.	3.0	12
49	High-pressure studies on L,L-dileucine crystals by Raman spectroscopy and synchrotron X-ray diffraction combined with DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117899.	3.9	6
50	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.	2.9	15
51	Do 1,8-naphthyridine sulfonamides possess an inhibitory action against Tet(K) and MsrA efflux pumps in multiresistant <i>Staphylococcus aureus</i> strains?. <i>Microbial Pathogenesis</i> , 2020, 147, 104268.	2.9	8
52	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, .	1.8	17
53	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.	3.6	15
54	Raman spectroscopy of captopril crystals under low-temperature conditions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 243, 118734.	3.9	3

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55	Structural and spectroscopic investigation of the chalcones (E)-1-(4-aminophenyl)-3-(4-ethoxyphenyl)-prop-2-en-1-one and (E)-1-(aminophenyl)-3-(4-methoxyphenyl)-prop-2-en-1-one. <i>Vibrational Spectroscopy</i> , 2020, 110, 103118.	2.2	2
56	Seasonality Effects on Antibacterial and Antibiotic Potentiating Activity Against Multidrug-Resistant Strains of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> and ATR-FTIR Spectra of Essential Oils from <i>Vitex gardneriana</i> Leaves. <i>Current Microbiology</i> , 2020, 77, 3969-3977.	2.2	2
57	Low-temperature and high-pressure Raman spectroscopy of 2-hydroxy-3,4,6-trimethoxyacetophenone isolated from the <i>Croton anisodontus</i> MÃ{A}ll. <i>Arg.</i> . <i>Vibrational Spectroscopy</i> , 2020, 110, 103143.	2.2	2
58	Structural characterization, antibacterial activity and NorA efflux pump inhibition of flavonoid fisetinidol. <i>South African Journal of Botany</i> , 2020, 132, 140-145.	2.5	12
59	Evaluation of antibacterial and enhancement of antibiotic action by the flavonoid kaempferol 7-O-β-D-(6-O-cumaroyl)-glucopyranoside isolated from <i>Croton piavihiensis</i> MÃ{A}ll. <i>Microbial Pathogenesis</i> , 2020, 143, 104144.	2.9	25
60	Structural, Vibrational and Electrochemical Analysis and Antibacterial Potential of Isomeric Chalcones Derived from Natural Acetophenone. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4713.	2.5	15
61	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.	2.2	12
62	Vibrational spectroscopy study and ab initio calculation on ZnMoO ₄ system. <i>Journal of Molecular Structure</i> , 2020, 1206, 127776.	3.6	7
63	Structural, vibrational and electrochemical analysis and antibiotic activity study of chalcone (2E)-1-(3-methoxy-4-hydroxyphenyl)-3-(3-nitrophenyl)prop-2-en-1-one. <i>Journal of Molecular Structure</i> , 2020, 1216, 128358.	3.6	23
64	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.	3.6	14
65	Spectroscopic characterization and efflux pump modulation of a thiophene curcumin derivative. <i>Journal of Molecular Structure</i> , 2020, 1215, 128291.	3.6	17
66	Anxiolytic-like effect of chalcone N-{4-[(2E)-3-(3-nitrophenyl)-1-(phenyl)prop-2-en-1-one]} acetamide on adult zebrafish (<i>Danio rerio</i>): Involvement of the 5-HT system. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 505-511.	2.1	18
67	Lattice dynamics calculations and high-pressure Raman spectra of the ZnMoO ₄ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118501.	3.9	7
68	Cytotoxic and Antifungal Activity of Chalcones Synthesized from Natural Acetophenone Isolated from <i>Croton anisodontus</i> . <i>Revista Virtual De Quimica</i> , 2020, 12, 712-723.	0.4	9
69	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.	0.4	7
70	Synthesis, structural characterization, and cytotoxic evaluation of chalcone derivatives. <i>Medicinal Chemistry Research</i> , 2019, 28, 2037-2049.	2.4	25
71	Seasonal variation in the chemical composition and larvicidal activity against <i>Aedes aegypti</i> of essential oils from <i>Vitex gardneriana</i> Schauer. <i>South African Journal of Botany</i> , 2019, 124, 329-332.	2.5	20
72	Raman spectra of captopril under high pressure. <i>Vibrational Spectroscopy</i> , 2019, 102, 116-124.	2.2	4

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73	Mercury chloride phytotoxicity reduction using antioxidative mechanisms evidenced by caffeic acid FTIR. <i>Applied Geochemistry</i> , 2019, 104, 109-115.	3.0	11
74	Structural and Microbiological Characterization of 5-Hydroxy-3,7,4-trimethoxyflavone: A Flavonoid Isolated from <i>Vitex gardneriana</i> Schauer Leaves. <i>Microbial Drug Resistance</i> , 2019, 25, 434-438.	2.0	18
75	Structural, spectroscopic and microbiological characterization of the chalcone 2E-1-(2-hydroxy-3,4,6-trimethoxyphenyl)-3-(phenyl)-prop-2-en-1-one derived from the natural product 2-hydroxy-3,4,6-trimethoxyacetophenone. <i>Journal of Molecular Structure</i> , 2019, 1179, 739-748.	3.6	22
76	Comparative analysis of the antibacterial and drug-modulatory effect of d-limonene alone and complexed with β -cyclodextrin. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 128, 158-161.	4.0	41
77	Antimicrobial activity of the lupane triterpene 3 β ,6 β ,16 β -trihydroxylup-20(29)-ene isolated from <i>Combretum leprosum</i> Mart.. <i>Journal of Medical Microbiology</i> , 2019, 68, 1438-1444.	1.8	6
78	Circadian Rhythm and Larvicidal Activity Against <i>Aedes aegypti</i> of Essential Oils from <i>Croton piauhiensis</i> . <i>Revista Virtual De Quimica</i> , 2019, 11, 1682-1692.	0.4	3
79	FT-Raman and FT-IR spectra and DFT calculations of chalcone (2 E) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td (-)-1-(4-aminophenyl)-3-(phenyl)prop-2-en-1-one	2.2	13
80	Vibrational spectroscopy study of essential oils from <i>Plectranthus amboinicus</i> Lour. Spreng and <i>Vanillosmopsis arborea</i> Baker. <i>Vibrational Spectroscopy</i> , 2018, 98, 22-29.	2.2	9
81	Vibrational and structural properties of L-Alanyl-L-Phenylalanine dipeptide by Raman spectroscopy, infrared and DFT calculations. <i>Vibrational Spectroscopy</i> , 2018, 98, 128-133.	2.2	16
82	Crystal structure, vibrational spectra and quantum chemical parameters of 2-hydroxy-3,4,6-trimethoxyacetophenone isolated from the <i>Croton anisodontus</i> MÃ¼ll. Arg. (Euphorbiaceae). <i>Journal of Molecular Structure</i> , 2018, 1171, 815-826.	3.6	14
83	Pressure induced transformations in sorbic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 184, 327-334.	3.9	4
84	Synthesis, crystal structure, vibrational spectra and theoretical calculations of quantum chemistry of a potential antimicrobial Meldrum's acid derivative. <i>Journal of Molecular Structure</i> , 2017, 1146, 828-836.	3.6	7
85	Spectroscopic and microbiological characterization of labdane diterpene 15,16-epoxy-4-hydroxy-labda-13(16),14-dien-3,12-dione isolated from the stems of <i>Croton jacobinensis</i> . <i>Journal of Molecular Structure</i> , 2017, 1147, 335-344.	3.6	11
86	Vibrational spectroscopy and DFT calculations of flavonoid derriobtusone A. <i>Journal of Molecular Structure</i> , 2017, 1130, 231-237.	3.6	7
87	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.	3.9	16
88	Vibrational properties of diterpene rel-(1S, 4aS,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 152 Td (7S,8aS)-7-(vinyl)-tetradecahydro-1,4a-dimethyl-1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100	2.2	1
89	by Raman and infrared spectroscopy together with ab initio calculations. <i>Vibrational Spectroscopy</i> , 2016, 85, 139-145.	2.2	1
89	Thermal and biological properties of the Schiff base N,N'-bis(salicylidene)-1,2-phenylenediamine, a potential adjuvant to antibiotic therapy. <i>Journal of Molecular Structure</i> , 2016, 1115, 105-108.	3.6	11
90	Modulation of the antibiotic activity against multidrug resistant strains of 4-(phenylsulfonyl)morpholine. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 34-38.	3.8	6

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91	Spectroscopy studies on Schiff base N,N- ϵ^2 -bis(salicylidene)-1,2-phenylenediamine by NMR, infrared, Raman and DFT calculations. <i>Journal of Molecular Structure</i> , 2015, 1097, 106-111.	3.6	24
92	Characterization of Meldrum TM s acid derivative 5-(5-Ethyl-1,3,4-thiadiazol-2-ylamino)methylene-2,2-dimethyl-1,3-dioxane-4,6-dione by Raman and FT-IR spectroscopy and DFT calculations. <i>Journal of Molecular Structure</i> , 2015, 1091, 37-42.	3.6	20
93	Vibrational spectra and DFT calculations of sonderianin diterpene. <i>Journal of Molecular Structure</i> , 2015, 1099, 226-231.	3.6	8
94	Vibrational spectroscopy, ab initio 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.	3.9	2
95	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.	3.9	12
96	Identification and Modulatory Activity Assessment of 2-Hydroxy-3,4,6-trimethoxyacetophenone Isolated from <i>Croton anisodontus</i> Mull. Arg.(Euphorbiaceae). <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	1
97	FT-Raman and FTIR-ATR spectroscopies and DFT calculations of triterpene acetyl aleuritic acid. <i>Journal of Molecular Structure</i> , 2014, 1058, 221-227.	3.6	13
98	Synthesis and antibacterial activity of a new derivative of the Meldrun acid: 2,2-dimethyl-5-(4H-1,2,4-triazol-4-ylaminomethylene)-1,3-dioxane-4,6-dione (C ₉ H ₁₀ N ₄ O ₄). <i>EXCLI Journal</i> , 2014, 13, 1022-8.	0.7	7
99	Identification and modulatory activity assessment of 2-hydroxy-3,4,6-trimethoxyacetophenone isolated from <i>croton anisodontus</i> m ¹ /ll. Arg.(euphorbiaceae). <i>Natural Product Communications</i> , 2014, 9, 665-8.	0.5	3
100	FT-IR and FT-Raman spectroscopies and DFT calculations of 2,2-dimethyl-5-(4H-1,2,4-triazol-4-ylaminomethylene)-1,3-dioxane-4,6-dione monohydrate. <i>Journal of Molecular Structure</i> , 2013, 1038, 170-176.	3.6	4
101	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.	3.6	11
102	Characterization of flavonoid 3-Methoxyquercetin performed by FT-IR and FT-Raman spectroscopies and DFT calculations. <i>Journal of Molecular Structure</i> , 2012, 1029, 22-27.	3.6	21
103	Vibrational Spectroscopy of Xanthoxylene Crystals and DFT Calculations. <i>Brazilian Journal of Physics</i> , 2012, 42, 180-185.	1.4	7
104	Vibrational spectra and DFT calculations of the vibrational modes of Schiff base C ₁₈ H ₁₇ N ₃ O ₂ . <i>Journal of Molecular Structure</i> , 2012, 1013, 126-133.	3.6	4
105	Vibrational spectra of (4E)-4-((E)-3-phenyl-allylideneamino)-1,2-dihydro-2,3-dimethyl-1-phenylpirazol-5-one. <i>Journal of Molecular Structure</i> , 2011, 1006, 589-595.	3.6	2
106	Comparative vibrational spectra of pilosine and epiisopilosine crystals. <i>Brazilian Journal of Physics</i> , 2010, 40, .	1.4	3
107	Vibrational spectra of pilocarpine hydrochloride crystals. <i>Brazilian Journal of Physics</i> , 2009, 39, .	1.4	5
108	Vibrational spectroscopy of the seselin crystal. <i>Journal of Raman Spectroscopy</i> , 2007, 38, 1615-1621.	2.5	3

#	ARTICLE	IF	CITATIONS
109	The behavior of NH ₃ torsional vibration of l-alanine, l-threonine and taurine crystals under high pressure: A Raman spectroscopic study. <i>Vibrational Spectroscopy</i> , 2007, 45, 99-102.	2.2	43
110	High-pressure Brillouin scattering from vitreous(Y ₂ O ₃) _{0.27} (P ₂ O ₅) _{0.73} . <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2002, 82, 755-761.	0.6	1
111	Brillouin scattering study of phase transitions in LiK _{0.80} (NH ₄) _{0.20} SO ₄ mixed crystals. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 1951-1956.	4.0	3
112	Pressure Raman spectra of LiK _{0.8} (NH ₄) _{0.2} SO ₄ . <i>Journal of Raman Spectroscopy</i> , 2001, 32, 689-693.	2.5	1
113	High-pressure Raman study of taurine crystal. <i>Journal of Raman Spectroscopy</i> , 2001, 32, 27-32.	2.5	29
114	High-pressure Raman study of l-alanine crystal. <i>Solid State Communications</i> , 2000, 116, 405-409.	1.9	89
115	Smooth interface effects on the Raman scattering in zinc-blende AlN/GaN superlattices. <i>Physical Review B</i> , 2000, 61, 13060-13063.	3.2	14
116	Investigation of phase transitions in LiK _{1-x} (NH ₄) _x SO ₄ mixed crystal. <i>Solid State Communications</i> , 1999, 109, 507-512.	1.9	5