Jorge Luis Jios

List of Publications by Year
in descending order

55	577	687363 13	713466 21
papers	citations	h-index	g-index

60	60	60	738
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Starch Nanocomposite Films: Migration Studies of Nanoparticles to Food Simulants and Bio-Disintegration in Soil. Polymers, 2022, 14, 1636.	4.5	5
2	Synthesis, Experimental and Theoretical Study of Azidochromones. Molecules, 2022, 27, 2636.	3.8	1
3	Role of fluorine-fluorine and weak intermolecular interactions in the supramolecular network of a new trifluoromethyl-1,5-benzodiazepine: Crystal structure, Hirshfeld surface analysis and theoretical study. Journal of Fluorine Chemistry, 2021, 242, 109697.	1.7	9
4	Synthesis, experimental and theoretical study of novel 2-haloalkyl (-CF2H, -CCl2H, -CF2CF3)-, 3-bromo and bromomethyl substituted chromones. Journal of Fluorine Chemistry, 2021, 242, 109717.	1.7	4
5	The Bonding Interactions in Fluorinated Vinylogous Amides: A CF₃â€Substituted Carbonylâ€²â€Aminoenone as a Case Study. Crystal Research and Technology, 2021, 56, 2000162.	1.3	0
6	Hydrogen bonding interactions in fluorinated 1,2,3-triazole derivatives. New Journal of Chemistry, 2020, 44, 16006-16019.	2.8	2
7	Sulfur Compounds as Inhibitors of Enzymatic Activity of a Snake Venom Phospholipase A2: Benzyl 4-nitrobenzenecarbodithioate as a Case of Study. Molecules, 2020, 25, 1373.	3.8	3
8	Synthesis, Structure, and Biological Assays of Novel Trifluoromethyldiazepineâ€“Metal Complexes. Australian Journal of Chemistry, 2020, 73, 49.	0.9	3
9	Enol-iminoâ€“Keto-enamine Tautomerism in a Diazepine Derivative: How Decisive Are the Intermolecular Interactions in the Equilibrium?. Journal of Organic Chemistry, 2019, 84, 11042-11053.	3.2	22
10	Synthesis and structural study of 2-(haloalkyl)-3-methylchromones. Monatshefte FÃ¼r Chemie, 2019, 150, 1929-1940.	1.8	5
11	New thiourea and urea derivatives containing trifluoromethyl- and bis-triflouromethyl-4H-chromen-3-yl substituents. Molecular Physics, 2019, 117, 368-381.	1.7	6
12	Acyl thiourea derivatives: A study of crystallographic, bonding, biological and spectral properties. Chemical Physics Letters, 2019, 715, 64-71.	2.6	12
13	A new perfluoromethyl aminoenone derivative and the role of the hydrogen bonding in the intra- and intermolecular interactions. Journal of Fluorine Chemistry, 2018, 208, 36-47.	1.7	11
14	New NMR investigation of [RuF5NO]2â¯ anion. Inorganica Chimica Acta, 2018, 477, 130-134.	2.4	4
15	Weak and strong hydrogen bonds conducting the supramolecular framework of 1-butyl-3-(1-naphthoyl)thiourea: crystal structure, vibrational studies, DFT methods, Pixel energies and Hirshfeld surface analysis. Molecular Physics, 2018, 116, 399-413.	1.7	9
16	The role of non-covalent interactions in some 2-trifluoromethylchromones in the solid state. New Journal of Chemistry, 2017, 41, 14659-14674.	2.8	13
17	Calix[n]arenes: active organocatalysts for the synthesis of densely functionalized piperidines by one-pot multicomponent procedure. Tetrahedron Letters, 2016, 57, 2049-2054.	1.4	38
18	The role of halogen Câ€“X1â‹¯X2â€“C contact on the preferred conformation of 2-perhalomethylchromones in solid state. Chemical Physics, 2016, 472, 142-155.	1.9	11

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19	Simple and ecofriendly synthesis of dihydropyrimidinones (thiones), dihydropyridines, and pyridines using 3â€formylchromones as substrates assisted by a recyclable Preyssler heteropolyacid. Heteroatom Chemistry, 2016, 27, 295-305.	0.7	4
20	A structural, spectroscopic and theoretical study of an o-vanillin Schiff base derivative involved in enol-imine and keto-amine tautomerism. New Journal of Chemistry, 2016, 40, 2730-2740.	2.8	18
21	Aryl Naphthoates: A Conformational Analysis Supported by Single-Crystal X-Ray Diffraction. Australian Journal of Chemistry, 2016, 69, 291.	0.9	0
22	One-pot synthesis of ferrocenyl-pyrimidones using a recyclable molibdosilicic H4SiMo12O40 heteropolyacid. Research on Chemical Intermediates, 2016, 42, 977-986.	2.7	3
23	A detailed experimental and theoretical study of two novel substituted trifluoromethylchromones. The influence of the bulky bromine atom on the crystal packing. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1358-1370.	3.9	9
24	Molecular structure, experimental and theoretical1H and13C NMR chemical shift assignment of cyclic and acyclic Î±,Î²-unsaturated esters. Journal of Physical Organic Chemistry, 2014, 27, 106-113.	1.9	2
25	Preyssler catalyst-promoted rapid, clean, and efficient condensation reactions for 3H-1,5-benzodiazepine synthesis in solvent-free conditions. Tetrahedron Letters, 2013, 54, 6574-6579.	1.4	19
26	Vibrational, Electronic, and Structural Properties of 6-Nitro- and 6-Amino-2-Trifluoromethylchromone: An Experimental and Theoretical Study. Journal of Physical Chemistry A, 2013, 117, 2169-2180.	2.5	13
27	Spectroscopic, Structural, and Conformational Properties of (Z)-4,4,4-Trifluoro-3-(2-hydroxyethylamino)-1-(2-hydroxyphenyl)-2-buten-1-one, C₁₂H₁₂F₃NO₃: A Trifluoromethyl-Substituted Î²-Aminoenone. Journal of Physical Chemistry A, 2012, 116, 1110-1118.	2.5	9
28	Substituted thiobenzoic acid S-benzyl esters as potential inhibitors of a snake venom phospholipase A2: Synthesis, spectroscopic and computational studies. Journal of Molecular Structure, 2012, 1028, 7-12.	3.6	5
29	2-Chloroethylisocyanate. Thermal Decomposition and Spectroscopic Properties. Journal of Physical Chemistry A, 2011, 115, 8608-8615.	2.5	4
30	One-pot synthesis of 2-trifluoromethylchromones. Tetrahedron Letters, 2011, 52, 1436-1440.	1.4	24
31	Solvent-free synthesis of functionalized pyridine derivatives using Wells-Dawson heteropolyacid as catalyst. Tetrahedron Letters, 2011, 52, 4412-4416.	1.4	31
32	Synthesis of two new thioesters bearing ferrocene: Vibrational characterization and ab initio calculations. X-ray crystal structure of S-(2-methoxyphenyl)ferrocenecarbothioate. Polyhedron, 2010, 29, 827-832.	2.2	4
33	Spectroscopic and theoretical study of 2-acetylphenyl-2-naphthoate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 71, 1989-1998.	3.9	2
34	[Chloro(difluoro)acetyl]phosphoramidic acid dichloride ClF2CC(O)NHP(O)Cl2, synthesis, vibrational and NMR spectra and theoretical calculations. Journal of Molecular Structure, 2008, 886, 66-71.	3.6	40
35	Vibrational studies of N-trifluoroacetyl-phosphoramidic acid dichloride [CF3C(O)NHP(O)Cl2] and N-trichloroacetyl-phosphoramidic acid dichloride [CCl3C(O)NHP(O)Cl2]. Vibrational Spectroscopy, 2008, 46, 107-114.	2.2	17
36	Deuterium isotopic effect on 13C NMR chemical shifts of 1-(2-hydroxyphenyl)-3-aryl-1,3-propanediones: Hydrogen bond and substituent effects. Journal of Molecular Structure, 2008, 878, 50-59.	3.6	5

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37	Spectroscopic and Electrochemical Studies of Ferrocenyl Triazole Amino Acid and Peptide Bioconjugates Synthesized by Click Chemistry. Organometallics, 2008, 27, 6326-6332.	2.3	55
38	Synthesis of substituted flavones and chromones using a Wells-Dawson heteropolyacid as catalyst. Arkivoc, 2008, 2008, 123-130.	0.5	22
39	SYNTHESIS OF SUBSTITUTED FLAVONES AND ARYLCHROMONES USING Î¡ AND Si KEGGIN HETEROPOLYACIDS AS CATALYSTS. Heterocyclic Communications, 2007, 13, .	1.2	12
40	Spectroscopic and theoretical studies of N-trichlorophosphazotrifluoroacetyl, CF3C(O)NPCl3 and N-trichlorophosphazotrichloroacetyl, CCl3C(O)NPCl3. Vibrational Spectroscopy, 2007, 43, 290-296.	2.2	6
41	Conformational and vibrational analysis of S-(2-methoxyphenyl)-4-substituted-benzenecarbothioates, using X-ray, infrared and Raman spectroscopy and theoretical calculations. Journal of Molecular Structure, 2007, 842, 46-54.	3.6	14
42	Synthesis and structural characterization of metallated bioconjugates: C-terminal labeling of amino acids with aminoferrocene. Journal of Organometallic Chemistry, 2007, 692, 4209-4214.	1.8	22
43	Synthesis, structural and spectroscopic study of aromatic thioester compounds. Journal of Molecular Structure, 2006, 825, 53-59.	3.6	4
44	Complete1H and13C NMR spectral assignment ofN-aralkylsulfonamides,N-sulfonyl-1,2,3,4-tetrahydroisoquinolines andN-sulfonyl-2,3,4,5-tetrahydro-1H-2-benzazepines. Conformational analysis ofN-[(3â€²,4â€²-dichlorophenyl)methyl)sulfonyl]-3-methyl-2,3,4,5-tetrahydro-1H-2-benzazepin. Magnetic Resonance in Chemistry, 2005, 43, 1057-1062.	1.9	5
45	N-(Chloroacetyl)- and N-(dichloroacetyl)-N-(xylyl)alanine esters: assignment of the absolute configurations and enantiodifferentiation by the dirhodium method. Tetrahedron: Asymmetry, 2005, 16, 2285-2293.	1.8	18
46	17O NMR data of phenoxyethyl derivatives. Magnetic Resonance in Chemistry, 2003, 41, 739-740.	1.9	2
47	Spectroscopic and theoretical study in substituted N-phenoxyethylanilines. Journal of Physics and Chemistry of Solids, 2003, 64, 443-453.	4.0	2
48	Multinuclear (1H, 13C and 15N) Magnetic Resonance Spectroscopy and Substituent Effects on N-Phenoxyethylanilines. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 226-232.	0.7	6
49	Relationships between KovÃ¡ts Retention Indices and Molecular Descriptors of 1-(2-Hydroxy)-3-Arylpropane-1,3-Diones. Scientific World Journal, The, 2001, 1, 897-905.	2.1	2
50	17O NMR spectroscopy of 1-(2-hydroxyphenyl)-3- naphthylpropane-1,3-diones. Influences of keto-enol tautomerism and substituents. Magnetic Resonance in Chemistry, 2000, 38, 512-514.	1.9	16
51	Title is missing!. Structural Chemistry, 2000, 11, 367-373.	2.0	7
52	A Simple Method for N-Phenoxyethylation of Anilines. Molecules, 2000, 5, 562-563.	3.8	0
53	Synthesis, Multinuclear (1H, 13C and 17O) Magnetic Resonance Spectroscopy and Conformational Analysis of Some Substituted Aryl Naphthoates. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 189-192.	0.7	10
54	Substituent Influences on the Keto-Enol Tautomerism in 1-(2-Hydroxyphenyl)-3-Î±-and -Î²-naphthylpropane-1,3-diones Monitored by ¹H and ¹³C NMR Spectroscopy. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 193-202.	0.7	4

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55	2-Acetylphenyl 1-Naphthoate. Acta Crystallographica Section C: Crystal Structure Communications, 1996, 52, 2045-2047.	0.4	2