

Jorge Luis Jios

List of Publications by Year in descending order

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577
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687363

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#	ARTICLE	IF	CITATIONS
1	Spectroscopic and Electrochemical Studies of Ferrocenyl Triazole Amino Acid and Peptide Bioconjugates Synthesized by Click Chemistry. <i>Organometallics</i> , 2008, 27, 6326-6332.	2.3	55
2	[Chloro(difluoro)acetyl]phosphoramidic acid dichloride ClF ₂ CC(O)NHP(O)Cl ₂ , synthesis, vibrational and NMR spectra and theoretical calculations. <i>Journal of Molecular Structure</i> , 2008, 886, 66-71.	3.6	40
3	Calix[n]arenes: active organocatalysts for the synthesis of densely functionalized piperidines by one-pot multicomponent procedure. <i>Tetrahedron Letters</i> , 2016, 57, 2049-2054.	1.4	38
4	Solvent-free synthesis of functionalized pyridine derivatives using Wells-Dawson heteropolyacid as catalyst. <i>Tetrahedron Letters</i> , 2011, 52, 4412-4416.	1.4	31
5	One-pot synthesis of 2-trifluoromethylchromones. <i>Tetrahedron Letters</i> , 2011, 52, 1436-1440.	1.4	24
6	Synthesis and structural characterization of metallated bioconjugates: C-terminal labeling of amino acids with aminoferrocene. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4209-4214.	1.8	22
7	Enol-iminoâ€“Keto-enamine Tautomerism in a Diazepine Derivative: How Decisive Are the Intermolecular Interactions in the Equilibrium?. <i>Journal of Organic Chemistry</i> , 2019, 84, 11042-11053.	3.2	22
8	Synthesis of substituted flavones and chromones using a Wells-Dawson heteropolyacid as catalyst. <i>Arkivoc</i> , 2008, 2008, 123-130.	0.5	22
9	Preyssler catalyst-promoted rapid, clean, and efficient condensation reactions for 3H-1,5-benzodiazepine synthesis in solvent-free conditions. <i>Tetrahedron Letters</i> , 2013, 54, 6574-6579.	1.4	19
10	N-(Chloroacetyl)- and N-(dichloroacetyl)-N-(xylyl)alanine esters: assignment of the absolute configurations and enantiodifferentiation by the dirhodium method. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2285-2293.	1.8	18
11	A structural, spectroscopic and theoretical study of an o-vanillin Schiff base derivative involved in enol-imine and keto-amine tautomerism. <i>New Journal of Chemistry</i> , 2016, 40, 2730-2740.	2.8	18
12	Vibrational studies of N-trifluoroacetyl-phosphoramidic acid dichloride [CF ₃ C(O)NHP(O)Cl ₂] and N-trichloroacetyl-phosphoramidic acid dichloride [CCl ₃ C(O)NHP(O)Cl ₂]. <i>Vibrational Spectroscopy</i> , 2008, 46, 107-114.	2.2	17
13	¹⁷ O NMR spectroscopy of 1-(2-hydroxyphenyl)-3-naphthylpropane-1,3-diones. Influences of keto-enol tautomerism and substituents. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 512-514.	1.9	16
14	Conformational and vibrational analysis of S-(2-methoxyphenyl)-4-substituted-benzenecarbothioates, using X-ray, infrared and Raman spectroscopy and theoretical calculations. <i>Journal of Molecular Structure</i> , 2007, 842, 46-54.	3.6	14
15	Vibrational, Electronic, and Structural Properties of 6-Nitro- and 6-Amino-2-Trifluoromethylchromone: An Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2013, 117, 2169-2180.	2.5	13
16	The role of non-covalent interactions in some 2-trifluoromethylchromones in the solid state. <i>New Journal of Chemistry</i> , 2017, 41, 14659-14674.	2.8	13
17	SYNTHESIS OF SUBSTITUTED FLAVONES AND ARYLCHROMONES USING Î± AND Si KEGGIN HETEROPOLYACIDS AS CATALYSTS. <i>Heterocyclic Communications</i> , 2007, 13, .	1.2	12
18	Acyl thiourea derivatives: A study of crystallographic, bonding, biological and spectral properties. <i>Chemical Physics Letters</i> , 2019, 715, 64-71.	2.6	12

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19	The role of halogen C-H...C contact on the preferred conformation of 2-perhalomethylchromones in solid state. <i>Chemical Physics</i> , 2016, 472, 142-155.	1.9	11
20	A new perfluoromethyl aminoenone derivative and the role of the hydrogen bonding in the intra- and intermolecular interactions. <i>Journal of Fluorine Chemistry</i> , 2018, 208, 36-47.	1.7	11
21	Synthesis, Multinuclear (¹ H, ¹³ C and ¹⁷ O) Magnetic Resonance Spectroscopy and Conformational Analysis of Some Substituted Aryl Naphthoates. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2000, 55, 189-192.	0.7	10
22	Spectroscopic, Structural, and Conformational Properties of (Z)-4,4,4-Trifluoro-3-(2-hydroxyethylamino)-1-(2-hydroxyphenyl)-2-buten-1-one, C ₁₂ H ₁₂ F ₃ NO ₃ : A Trifluoromethyl-Substituted Î²-Aminoenone. <i>Journal of Physical Chemistry A</i> , 2012, 116, 1110-1118.	2.5	9
23	A detailed experimental and theoretical study of two novel substituted trifluoromethylchromones. The influence of the bulky bromine atom on the crystal packing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1358-1370.	3.9	9
24	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. <i>Molecular Physics</i> , 2018, 116, 399-413.	1.7	9
25	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. <i>Journal of Fluorine Chemistry</i> , 2021, 242, 109697.	1.7	9
26	Title is missing!. <i>Structural Chemistry</i> , 2000, 11, 367-373.	2.0	7
27	Multinuclear (¹ H, ¹³ C and ¹⁵ N) Magnetic Resonance Spectroscopy and Substituent Effects on N-Phenoxyethylanilines. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002, 57, 226-232.	0.7	6
28	Spectroscopic and theoretical studies of N-trichlorophosphazotrifluoroacetyl, CF ₃ C(O)NPCl ₃ and N-trichlorophosphazotrifluoroacetyl, CCl ₃ C(O)NPCl ₃ . <i>Vibrational Spectroscopy</i> , 2007, 43, 290-296.	2.2	6
29	New thiourea and urea derivatives containing trifluoromethyl- and bis-trifluoromethyl-4H-chromen-3-yl substituents. <i>Molecular Physics</i> , 2019, 117, 368-381.	1.7	6
30	Complete ¹ H and ¹³ C NMR spectral assignment of N-aryl sulfonamides, N-sulfonyl-1,2,3,4-tetrahydroisoquinolines and N-sulfonyl-2,3,4,5-tetrahydro-1H-2-benzazepines. Conformational analysis of N-[(3,4-dichlorophenyl)methyl]sulfonyl]-3-methyl-2,3,4,5-tetrahydro-1H-2-benzazepin. <i>Magnetic Resonance in Chemistry</i> , 2005, 43, 1057-1062.	1.9	5
31	Deuterium isotopic effect on ¹³ C NMR chemical shifts of 1-(2-hydroxyphenyl)-3-aryl-1,3-propanediones: Hydrogen bond and substituent effects. <i>Journal of Molecular Structure</i> , 2008, 878, 50-59.	3.6	5
32	Substituted thiobenzoic acid S-benzyl esters as potential inhibitors of a snake venom phospholipase A ₂ : Synthesis, spectroscopic and computational studies. <i>Journal of Molecular Structure</i> , 2012, 1028, 7-12.	3.6	5
33	Synthesis and structural study of 2-(haloalkyl)-3-methylchromones. <i>Monatshefte für Chemie</i> , 2019, 150, 1929-1940.	1.8	5
34	Starch Nanocomposite Films: Migration Studies of Nanoparticles to Food Simulants and Bio-Disintegration in Soil. <i>Polymers</i> , 2022, 14, 1636.	4.5	5
35	Substituent Influences on the Keto-Enol Tautomerism in 1-(2-Hydroxyphenyl)-3-aryl- and -aryl-naphthylpropane-1,3-diones Monitored by ¹ H and ¹³ C NMR Spectroscopy. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2000, 55, 193-202.	0.7	4
36	Synthesis, structural and spectroscopic study of aromatic thioester compounds. <i>Journal of Molecular Structure</i> , 2006, 825, 53-59.	3.6	4

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37	Synthesis of two new thioesters bearing ferrocene: Vibrational characterization and ab initio calculations. X-ray crystal structure of S-(2-methoxyphenyl)ferrocenecarbothioate. <i>Polyhedron</i> , 2010, 29, 827-832.	2.2	4
38	2-Chloroethylisocyanate. Thermal Decomposition and Spectroscopic Properties. <i>Journal of Physical Chemistry A</i> , 2011, 115, 8608-8615.	2.5	4
39	Simple and ecofriendly synthesis of dihydropyrimidinones (thiones), dihydropyridines, and pyridines using 3- α -formylchromones as substrates assisted by a recyclable Preyssler heteropolyacid. <i>Heteroatom Chemistry</i> , 2016, 27, 295-305.	0.7	4
40	New NMR investigation of [RuF5NO]2 \hat{a} ' anion. <i>Inorganica Chimica Acta</i> , 2018, 477, 130-134.	2.4	4
41	Synthesis, experimental and theoretical study of novel 2-haloalkyl (-CF2H, -CCl2H, -CF2CF3)-, 3-bromo and bromomethyl substituted chromones. <i>Journal of Fluorine Chemistry</i> , 2021, 242, 109717.	1.7	4
42	One-pot synthesis of ferrocenyl-pyrimidones using a recyclable molibdosilicic H4SiMo12O40 heteropolyacid. <i>Research on Chemical Intermediates</i> , 2016, 42, 977-986.	2.7	3
43	Sulfur Compounds as Inhibitors of Enzymatic Activity of a Snake Venom Phospholipase A2: Benzyl 4-nitrobenzenecarbothioate as a Case of Study. <i>Molecules</i> , 2020, 25, 1373.	3.8	3
44	Synthesis, Structure, and Biological Assays of Novel Trifluoromethyl diazepine \hat{a} 'Metal Complexes. <i>Australian Journal of Chemistry</i> , 2020, 73, 49.	0.9	3
45	2-Acetylphenyl 1-Naphthoate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 2045-2047.	0.4	2
46	Relationships between Kov \hat{a} 's Retention Indices and Molecular Descriptors of 1-(2-Hydroxy)-3-Arylpropane-1,3-Diones. <i>Scientific World Journal, The</i> , 2001, 1, 897-905.	2.1	2
47	17O NMR data of phenoxyethyl derivatives. <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 739-740.	1.9	2
48	Spectroscopic and theoretical study in substituted N-phenoxyethylanilines. <i>Journal of Physics and Chemistry of Solids</i> , 2003, 64, 443-453.	4.0	2
49	Spectroscopic and theoretical study of 2-acetylphenyl-2-naphthoate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 71, 1989-1998.	3.9	2
50	Molecular structure, experimental and theoretical ^1H and ^{13}C NMR chemical shift assignment of cyclic and acyclic $\hat{1},\hat{1}^2$ -unsaturated esters. <i>Journal of Physical Organic Chemistry</i> , 2014, 27, 106-113.	1.9	2
51	Hydrogen bonding interactions in fluorinated 1,2,3-triazole derivatives. <i>New Journal of Chemistry</i> , 2020, 44, 16006-16019.	2.8	2
52	Synthesis, Experimental and Theoretical Study of Azidochromones. <i>Molecules</i> , 2022, 27, 2636.	3.8	1
53	A Simple Method for N-Phenoxyethylation of Anilines. <i>Molecules</i> , 2000, 5, 562-563.	3.8	0
54	Aryl Naphthoates: A Conformational Analysis Supported by Single-Crystal X-Ray Diffraction. <i>Australian Journal of Chemistry</i> , 2016, 69, 291.	0.9	0

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55	The Bonding Interactions in Fluorinated Vinylogous Amides: A CF ₃ -Substituted Carbonyl- α -Aminoenone as a Case Study. <i>Crystal Research and Technology</i> , 2021, 56, 2000162.	1.3	0