Ligia R. Gomes

List of Publications by Year
in descending order

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106 papers	1,826 citations	430874 18 h-index	265206 42 g-index
108 all docs	108 docs citations	108 times ranked	2388 citing authors

#	Article	IF	Citations
1	Effect of Extraction Methodology on the Phytochemical Composition for Camelia sinensis â€œPowdered Tea Extractsâ€•from Different Provenances. Beverages, 2022, 8, 13.	2.8	0
2	Phytochemical characterization and biological activities of green tea (Camellia sinensis) produced in the Azores, Portugal. Phytomedicine Plus, 2021, 1, 100001.	2.0	10
3	Crystal structure, Hirshfeld surface analysis and Pixel calculations of the monohydrate of (E)-3-(2-hydroxy-5-methoxyphenyl)-1-(2-hydroxy-4-methoxyphenyl)prop-2-en-1-one: occurrence of Ï€ interactions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 27-38.	0.7	2
4	Crystal structure, Hirshfeld surface analysis and PIXEL calculations of the three isomeric (E)-2-((pyridinylmethylidene)hydrazinyl)benzo[d]thiazoles: Occurrence of stacking interactions. Journal of Molecular Structure, 2021, 1230, 129907.	3.6	1
5	Crystal structures, Hirshfeld surface analysis and PIXEL calculations of two chalcone derivatives, containing isopropoxy substituents: Importance of dispersion energy. Journal of Molecular Structure, 2021, 1237, 130354.	3.6	2
6	Recent Approaches on Signal Transduction and Transmission in Acupuncture: A Biophysical Overview for Medical Sciences. JAMS Journal of Acupuncture and Meridian Studies, 2020, 13, 1-11.	0.7	5
7	Demystifying thickener classes food additives though molecular gastronomy. International Journal of Gastronomy and Food Science, 2020, 22, 100262.	3.0	8
8	Crystal structures, Hirshfeld surface analysis and PIXEL calculations of four (E)-1-(2-hydroxyphenyl)-3-phenylprop-2-en-1-one derivatives, containing methoxy substituents. The importance of Ï€ interactions. Journal of Molecular Structure, 2020, 1221, 128652.	3.6	3
9	The synthesis, crystal structure and Hirshfeld analysis of 4-(3,4-dimethylanilino)-N-(3,4-dimethylphenyl)quinoline-3-carboxamide. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 201-207.	0.5	2
10	Crystal structures and Hirshfeld surface analyses of a des-A-B-aromatic steroidal compound, and two of its derivatives, having a trans-2,3,3a,4,5-tetrahydro-3a-methyl-7-methoxybenz[e]indane skeleton â€“ structural comparisons with reported tetrahydrobenz[e]indene derivatives. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 649-663.	0.7	1
11	Crystal structures, Hirsfeld surface analysis and a computational study of four ethyl 2-oxo-2H-chromene-3-carboxylate derivatives: a survey of organyl 2-oxo-2H-chromene-3-carboxylate structures. Zeitschrift Fur Kristallographie - Crystalline Materials, 2019, 234, 85-99.	0.8	0
12	Development of piperic acid-based monoamine oxidase inhibitors: Synthesis, structural characterization and biological evaluation. Journal of Molecular Structure, 2019, 1182, 298-307.	3.6	10
13	Different substituent effects on the supramolecular arrays in some (E)-halo- and nitro-benzaldehyde oximes: confirmation of attractive Ï€(C=N)Â·Â·Â·Ï€(phenyl) interactions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 319-334.	0.7	3
14	Crystal structures, Hirshfeld surface analysis and Pixel energy calculations of three trifluoromethylquinoline derivatives: further analyses of fluorine close contacts in trifluoromethylated derivatives. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 791-810.	0.7	1
15	Crystal structures and Hirshfeld surface analysis of 1,4-bis(methoxyphenyl)-2,3-diazabuta-1,3-dienes: comparisons of the intermolecular interactions in related compounds. Zeitschrift Fur Kristallographie - Crystalline Materials, 2019, 234, 59-71.	0.8	3
16	Crystal structures and Hirshfeld surface analyses of (E)-Nâ€²-benzylidene-2-oxo-2H-chromene-3-carbohydrazide and the disordered hemi-DMSO solvate of (E)-2-oxo-Nâ€²-(3,4,5-trimethoxybenzylidene)-2H-chromene-3-carbohydrazide: lattice energy and intermolecular interaction energy calculations for the former. Acta Crystallographica Section F: Crystallographic Communications, 2019, 75, 1403-1410.	0.5	3
17	Crystal structure, Hirshfeld surface analysis and PIXEL calculations of a 1:1 epimeric mixture of 3-[(4-nitrobenzylidene)amino]-2(R,S)-(4-nitrophenyl)-5(S)-(propan-2-yl)imidazolidin-4-one. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1774-1782.	0.5	0
18	Crystal structures and Hirshfeld surface analyses of seven 7-aryl-4,7-dioxoheptanoic acids: differing carboxylic acid interactions leading to dimers, chains and three-dimensional arrays. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 761-780.	0.8	1

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19	Crystal structures and Hirshfeld surface analyses of halogen substituted azine derivatives, 1,4-bis(halophenyl)-2,3-diazabuta-1,3-dienes. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 135-143.	0.8	1
20	Structural elucidation of a series of benzamide derivatives. Magnetic Resonance in Chemistry, 2018, 56, 216-223.	1.9	1
21	Crystal structures and Hirshfeld surface analyses of the di- and tri-hydrates of (5Î±,17E)-17-hydrazonoandrostan-3-ol: Significant differences in the hydrogen bonding patterns and supramolecular arrangements. Steroids, 2018, 140, 92-103.	1.8	4
22	Crystal structures and Hirshfeld surface analyses of the hemi-hydrate and hemi-methanolate of 3Î±-hydroxy-16Î±-bromoandrostan-17-one, 3: Differences in supramolecular arrangements. Steroids, 2018, 137, 30-39.	1.8	4
23	Structural study of three heteroaryl oximes, heteroaryl-N=OH: Compounds forming strong C3 molecular chains. European Journal of Chemistry, 2018, 9, 151-160.	0.6	2
24	Different classical hydrogen-bonding patterns in three salicylaldoxime derivatives, 2-HO-4-XC₆H₃C=NOH (X= Me, OH and MeO). Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1480-1485.	0.5	1
25	Crystal structures and Hirshfeld surfaces of four methoxybenzaldehyde oxime derivatives, 2-MeO-XC₆H₃C=NOH (X= H and 2-, 3- and 4-MeO): different conformations and hydrogen-bonding patterns. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1553-1560.	0.5	0
26	Structural studies of (E)-2-(benzylidene)-1-tetralone derivatives: crystal structures and Hirshfeld surface analysis. Zeitschrift Fur Kristallographie - Crystalline Materials, 2017, 232, .	0.8	2
27	Structural studies of (E)-2-(benzylidene)- 2,3-dihydro-1H-inden-1-one derivatives: crystal structures and Hirshfeld surface analysis. Zeitschrift Fur Kristallographie - Crystalline Materials, 2017, 232, 317-333.	0.8	3
28	Polymorphism in the structure of N-(5-methylthiazol-2-yl)-4-oxo-4H-chromene-3-carboxamide. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1154-1161.	0.5	0
29	Structural elucidation of a series of 6â€methylâ€3â€carboxamidocoumarins. Magnetic Resonance in Chemistry, 2017, 55, 373-378.	1.9	2
30	Structure of 7-hydroxy-3-(2-methoxyphenyl)-2-trifluoromethyl-4H-chromen-4-one. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1130-1134.	0.5	1
31	Discovery of the first A₁ adenosine receptor ligand based on the chromone scaffold. RSC Advances, 2016, 6, 46972-46976.	3.6	4
32	Crystal structures of ethyl 6-(4-methylphenyl)-4-oxo-4H-chromene-2-carboxylate and ethyl 6-(4-fluorophenyl)-4-oxo-4H-chromene-2-carboxylate. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 8-13.	0.5	1
33	Synthesis of 6-aryl/heteroaryl-4-oxo-4 H -chromene-2-carboxylic ethyl ester derivatives. Tetrahedron Letters, 2016, 57, 3006-3010.	1.4	8
34	Crystal structures of three 6-substituted coumarin-3-carboxamide derivatives. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 926-932.	0.5	14
35	6-Methyl-2-oxo-N-(quinolin-6-yl)-2H-chromene-3-carboxamide: crystal structure and Hirshfeld surface analysis. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1121-1125.	0.5	2
36	Crystal structures of five 6-mercaptopurine derivatives. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 307-313.	0.5	0

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37	Crystal structures of three 3,4,5-trimethoxybenzamide-based derivatives. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 675-682.	0.5	2
38	Crystal structures of two 6-(2-hydroxybenzoyl)-5H-thiazolo[3,2-a]pyrimidin-5-ones. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 766-771.	0.5	0
39	A comparison of the structures of some 2- and 3-substituted chromone derivatives: a structural study on the importance of the secondary carboxamide backbone for the inhibitory activity of MAO-B. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1270-1277.	0.5	2
40	Synthesis and characterisation of new 4-oxo-N-(substituted-thiazol-2-yl)-4H-chromene-2-carboxamides as potential adenosine receptor ligands. Journal of Molecular Structure, 2015, 1089, 206-215.	3.6	9
41	New insights in the discovery of novelh-MAO-B inhibitors: structural characterization of a series ofN-phenyl-4-oxo-4H-chromene-3-carboxamide derivatives. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 547-554.	0.5	4
42	Porphyrin interaction with the membrane: the use of membrane models to elicit the diverse partition in normal and neoplastic tissue. Medicinal Chemistry Research, 2015, 24, 3885-3891.	2.4	0
43	Discovery of two new classes of potent monoamine oxidase-B inhibitors by tricky chemistry. Chemical Communications, 2015, 51, 2832-2835.	4.1	44
44	The crystal structures of fourN-(4-halophenyl)-4-oxo-4H-chromene-3-carboxamides. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 88-93.	0.5	8
45	Synthesis, spectroscopic characterization and X-ray structure of novel 7-methoxy-4-oxo-N-phenyl-4H-chromene-2-carboxamides. Journal of Molecular Structure, 2014, 1056-1057, 31-37.	3.6	7
46	Design, synthesis and biological evaluation of (E)-2-(2-arylhydrazinyl)quinoxalines, a promising and potent new class of anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 934-939.	2.2	64
47	FiveNâ€²-benzylidene-N-methylpyrazine-2-carbohydrazides. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 549-555.	0.4	4
48	Synthesis, crystal structure and spectral properties of 6-bromo-N-(cyclohex-1-en-1-ylmethyl)-4-oxo-4H-chromene-2-carboxamide. Journal of Molecular Structure, 2013, 1049, 125-131.	3.6	1
49	Contrasting the supramolecular structures in the isomeric pair 5-bromo-3-nitrosalicylaldehyde phenylhydrazone and 3-bromo-5-nitrosalicylaldehyde phenylhydrazone. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 150-155.	0.4	1
50	Substituted 4-alkoxy-7-Cl-quinolines exhibiting Ï€â€“Ï€ stacking. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 191-194.	0.4	4
51	Three 2-(methysulfanyl)nicotinamides. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 293-298.	0.4	0
52	Two polymorphs ofN-(2-methoxyphenyl)-4-oxo-4H-chromone-3-carboxamide. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 927-933.	0.4	1
53	4-Oxo-N-phenyl-4H-chromene-2-carboxamide and of a new polymorph of 7-methoxy-4-oxo-N-p-tolyl-4H-chromene-2-carboxamide and its hemihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 1527-1533.	0.4	4
54	Structural characterization of someN-phenyl-4-oxo-4H-2-chromone carboxamides. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2013, 69, 294-309.	1.1	7

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55	Comparison of the structure of (E)-2-(2-benzylidenehydrazinylidene)quinoxaline with those of its chloro- and bromobenzylidene analogues. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 920-926.	0.4	3
56	Elucidating the Role of Aromatic Interactions in Rotational Barriers Involving Aromatic Systems. Journal of Organic Chemistry, 2012, 77, 10422-10426.	3.2	7
57	A low-temperature polymorph ofm-quinquephenyl. Acta Crystallographica Section C: Crystal Structure Communications, 2012, 68, o492-o497.	0.4	2
58	Phenylnaphthalenes: Sublimation Equilibrium, Conjugation, and Aromatic Interactions. Journal of Physical Chemistry B, 2012, 116, 3557-3570.	2.6	26
59	Experimental Support for the Role of Dispersion Forces in Aromatic Interactions. Chemistry - A European Journal, 2012, 18, 8934-8943.	3.3	36
60	High-Accuracy Vapor Pressure Data of the Extended [C_nC₁im][Ntf₂] Ionic Liquid Series: Trend Changes and Structural Shifts. Journal of Physical Chemistry B, 2011, 115, 10919-10926.	2.6	199
61	Structural and Thermodynamic Characterization of Polyphenylbenzenes. Journal of Physical Chemistry A, 2011, 115, 11876-11888.	2.5	29
62	Phase Stability Trend in Linear Î±-Polythiophene Oligomers. Journal of Physical Chemistry C, 2011, 115, 23543-23551.	3.1	11
63	Structure and solidâ€“liquid phase transition thermodynamics of N-(diethylaminothiocarbonyl)benzimido derivatives. Journal of Molecular Structure, 2011, 1004, 257-264.	3.6	1
64	Nickel(II) complexes of Nâ€²-(2-thienylcarbonyl)thiocarbamates O-alkyl-esters: Structural and spectroscopic characterization and evaluation of their microbiological activities. Journal of Molecular Structure, 2011, 990, 86-94.	3.6	5
65	Phase transition equilibrium of terthiophene isomers. Journal of Chemical Thermodynamics, 2011, 43, 133-139.	2.0	12
66	Simple apparatus for the measurement of mechanical properties of solids. Physics Teacher, 2011, 49, 117-118.	0.3	2
67	4,4â€²-(1,8-Naphthalene-1,8-diyl)dibenzonitrile. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o66-o66.	0.2	1
68	A second monoclinic polymorph ofN-(diethylaminothiocarbonyl)-Nâ€²-phenylbenzamidine. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o962-o963.	0.2	1
69	2,4,5-Tris(biphenyl-2-yl)-1-bromobenzene. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2090-o2091.	0.2	1
70	1,3-Bis(propan-2-yl)naphthalene. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3334-o3334.	0.2	0
71	Nâ€²-Benzoyl-N,N-diethylthiourea: a monoclinic polymorph. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o870-o870.	0.2	16
72	1,3-Diphenylpropan-2-one (2,4-dinitrophenyl)hydrazone. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o565-o565.	0.2	0

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73	3,3â€²-Bithiophene. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o916-o916.	0.2	4
74	Solubility of water in fluorocarbons: Experimental and COSMO-RS prediction results. Journal of Chemical Thermodynamics, 2010, 42, 213-219.	2.0	38
75	4-(1-Naphthyl)benzonitrile. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3289-o3289.	0.2	1
76	The supramolecular structures of oximes: an update and the crystal structure of 1,3-diphenyl-propan-2-one oxime. European Journal of Chemistry, 2010, 1, 61-66.	0.6	19
77	Gaseous Phase Heat Capacity of Benzoic Acid. Journal of Chemical & Engineering Data, 2010, 55, 2799-2808.	1.9	13
78	The role of aromatic interactions in the structure and energetics of benzyl ketones. Physical Chemistry Chemical Physics, 2010, 12, 11228.	2.8	14
79	Crystal Structure of 2-Thiophenecarboxamide: A One-dimensional Tubular Structure Formed by Nâ€“HÂ·Â·Â·O Hydrogen Bonds. Journal of Chemical Crystallography, 2009, 39, 747-752.	1.1	8
80	Synthesis, structural characterization and conformational aspects of thenoylthiocarbamic-O-alkylesters. Journal of Molecular Structure, 2009, 936, 37-45.	3.6	3
81	Ethnopharmacological notes about ancient uses of medicinal plants in TrÃ¡s-os-Montes (northern of) Tj ETQq1 1 0.784314 rgBT /Over	4.1	228
82	Energetic and Structural Study of Diphenylpyridine Isomers. Journal of Physical Chemistry A, 2009, 113, 11015-11027.	2.5	5
83	(E)-1-Phenylbutan-2-one (2,4-dinitrophenyl)hydrazone. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2729-o2729.	0.2	1
84	4-(1-Naphthyl)benzoic acid. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o3037-o3037.	0.2	1
85	GRIM-19 mutations are not associated with CrohnÊ¼s disease. Inflammatory Bowel Diseases, 2008, 14, 434-435.	1.9	1
86	Synthesis, spectroscopic, electrochemical and structural characterization of Cu(II) complexes with asymmetric NNâ€²OS coordination spheres. Polyhedron, 2008, 27, 335-343.	2.2	10
87	Ionic Liquids:Â First Direct Determination of their Cohesive Energy. Journal of the American Chemical Society, 2007, 129, 284-285.	13.7	295
88	Substituent Effects on the Energetics and Aromaticity of Aminomethylbenzoic Acids. Journal of Physical Chemistry A, 2007, 111, 10598-10603.	2.5	19
89	Acetato(N-phenylpyridine-2-carboxamidato-Îº²N,N)(N-phenylpyridine-2-carboxamide-Îº<sup>2 Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m293-m296.	0.4	4
90	N,N-Diisobutyl-Nâ€²-(2-thienylcarbonyl)thiourea. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1158-o1159.	0.2	0

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91	Bis[N,N-diisobutyl-Nâ€²-(2-thienylcarbonyl)thioureato]copper(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m956-m958.	0.2	2
92	Bis[N,N-diisobutyl-Nâ€²-(2-thienylcarbonyl)thioureato]nickel(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m953-m955.	0.2	3
93	Bis[O-propylNâ€²-(2-thienylcarbonyl)thiocarbamato]nickel(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2588-m2588.	0.2	0
94	2,6-Diphenylpyridine. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4833-o4833.	0.2	0
95	Labtermo: Methodologies for the calculation of the corrected temperature rise in isoperibol calorimetry. Journal of Thermal Analysis and Calorimetry, 2007, 89, 175-180.	3.6	105
96	Water Solubility in Linear Fluoroalkanes Used in Blood Substitute Formulations. Journal of Physical Chemistry B, 2006, 110, 22923-22929.	2.6	34
97	Mitochondrial D-Loop instability in thyroid tumours is not a marker of malignancy. Mitochondrion, 2005, 5, 333-340.	3.4	28
98	Self-reported drug allergy in a general adult Portuguese population. Clinical and Experimental Allergy, 2004, 34, 1597-1601.	2.9	203
99	Diaqua{6,6â€²-dimethoxy-2,2â€²-[propane-1,3-diylbis(nitrilomethylidyne-N)]diphenolato-O,Oâ€²}nickel(II). Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1201-1203.	0.4	8
100	Nickel(II) complexes with N2OS and N2S2 co-ordination spheres: reduction and spectroscopic study of the corresponding Ni(I) complexes. Dalton Transactions RSC, 2000, , 1373-1379.	2.3	79
101	A nickel complex with a tetradentate N2S2Schiff base ligand. Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 1061-1063.	0.4	6
102	(1,4-Dioxane-O){3,3',5,5'-tetrachloro-2,2'-[4-methyl-4-azaheptane-1,7-diylbis(nitrilomethylidyne-N)]diphenolato-O,O'}nickel(II), [Ni(3,5-Cl4salMetrien)]. Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 1425-1427.	0.4	3
103	Synthesis, spectroscopic and electrochemical study of nickel(II) complexes with tetradentate asymmetric Schiff bases derived from salicylaldehyde and methyl-2-amino-1-cyclopentenedithiocarboxylate. Inorganica Chimica Acta, 1998, 271, 83-92.	2.4	37
104	Synthesis, spectroscopic and electrochemical study of nickel-(II) and -(I) complexes with Schiff-base ligands giving a NNâ€²OS co-ordination sphere. Journal of the Chemical Society Dalton Transactions, 1998, , 629-636.	1.1	34
105	A Nickel Complex with an Asymmetric N2OS Schiff Base Ligand. Acta Crystallographica Section C: Crystal Structure Communications, 1997, 53, 1572-1574.	0.4	1
106	Demystifying Emulsifiers as Additives through Molecular Gastronomy: A Contribution to Rise Consumerâ€™s Sovereignty. , 0, , .		0