

Luis E Seijas

List of Publications by Year in descending order

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24
papers

103
citations

1478505

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docs citations

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times ranked

143
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#	ARTICLE	IF	CITATIONS
1	Two nickel (II) complexes with side chain isomeric ligands: L-leucine and L-isoleucine to study non-covalent interactions and metal-ligand bonding. <i>Journal of Molecular Structure</i> , 2022, 1261, 132898.	3.6	2
2	Combined DFT calculation, Hirshfeld surface analysis, and Energy framework study of non-covalent interactions in the crystal structure of (Z)-5-ethylidene-2-thiohydantoin determined by powder X-ray diffraction. <i>Journal of Molecular Structure</i> , 2021, 1236, 130361.	3.6	2
3	Synthesis, crystal structure, and non-covalent interactions in 4-hydrazinobenzoic acid hydrochloride. <i>Journal of Molecular Structure</i> , 2020, 1201, 127154.	3.6	1
4	A topological study of the hexacoordinated carbon in the pentagonal-pyramidal benzene and hexamethylbenzene dications. <i>Chemical Physics Letters</i> , 2020, 758, 137912.	2.6	5
5	Two conformational polymorphs of 4-methylhippuric acid. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 1077-1091.	1.1	3
6	N-acetyl-5-isopropyl-2-tioximidazolidin-4-one: Synthesis, spectroscopic characterization, crystal structure, DFT calculations, Hirshfeld surface analysis and energy framework study. <i>Journal of Molecular Structure</i> , 2020, 1219, 128630.	3.6	2
7	The performance of HF and DFT/B3LYP in the estimation of the radiative efficiencies of greenhouse gases. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2017, 17, 187-197.	0.2	1
8	Crystal Structure Analysis and Topological Study of Non-covalent Interactions in 2,2-Biimidazole:Salicylic Acid 2:1 Co-crystal. <i>Journal of Chemical Crystallography</i> , 2017, 47, 47-58.	1.1	8
9	On the geometric and magnetic properties of the monomer, dimer and trimer of NiFe ₂ O ₄ . <i>Journal of Computational Methods in Sciences and Engineering</i> , 2017, 17, 19-28.	0.2	0
10	On the electron density localization in HF cyclic clusters. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2017, 17, 5-18.	0.2	6
11	Non-covalent interactions in the multicomponent crystal of 1-aminocyclopentane carboxylic acid, oxalic acid and water: a crystallographic and a theoretical approach. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 968-980.	1.1	10
12	Crystal Structure of 2-Thiohydantoin-L-Isoleucine Synthesized under Solvent-Free Conditions. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 607, 192-199.	0.9	3
13	Cooperative effects on the formation of supramolecular synthons of thiohydantoin derivatives. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2014, 14, 5-16.	0.2	1
14	Synthesis, Crystal Structure Analysis, Small Cluster Geometries and Energy Study of (E)-Ethyl-4-(2-(thiofen-2-ylmethylene)hydrazinyl)benzoate. <i>Journal of Chemical Crystallography</i> , 2013, 43, 544-549.	1.1	4
15	Investigating the Stability of Double Head to Tail Dimers and Ribbons in Multicomponent Crystals of <i>cis</i> -4-Aminocyclohexanecarboxylic Acid with Water and Oxalic Acid. <i>Crystal Growth and Design</i> , 2013, 13, 1849-1860.	3.0	3
16	Cooperative effects on the formation of 4-methyloxycarbonyl-2-azetidinone clusters. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2012, 12, 311-321.	0.2	1
17	On the energetic and geometric description of the interaction between the isonipecotic and 1,1-cylobutanedicarboxylic acids. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2012, 12, 299-310.	0.2	0
18	Synthesis and Crystal Structure Determination of Hydantoin-l-Proline. <i>Journal of Chemical Crystallography</i> , 2012, 42, 968-971.	1.1	9

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19	Synthesis, Crystal Structure and Hydrogen-Bonding Patterns in (RS)-1-Carbamoyl Pyrrolidine-2-Carboxylic Acid. <i>Journal of Chemical Crystallography</i> , 2012, 42, 388-393.	1.1	7
20	Study of the conversion of N-carbamoyl-L-proline to hydantoin-L-proline using powder synchrotron X-ray diffraction. <i>Powder Diffraction</i> , 2010, 25, 342-348.	0.2	10
21	On the crystal structures and hydrogen bond patterns in proline pseudopolymorphs. <i>Powder Diffraction</i> , 2010, 25, 235-240.	0.2	16
22	Molecular and crystalline structures of three (<i>S</i>)-4-alkoxycarbonyl-2-azetidinones containing long alkyl side chains from synchrotron X-ray powder diffraction data. <i>Acta Crystallographica Section B: Structural Science</i> , 2009, 65, 724-730.	1.8	5
23	Redetermination of 1-carboxycyclohexan-1-aminium chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o245-o245.	0.2	1
24	(2S)-1-Carbamoylpyrrolidine-2-carboxylic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, o303-o305.	0.4	3