

Licnia L G Justino

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68 papers	1,273 citations	22 h-index	32 g-index
70 ext. papers	1,411 ext. citations	4.7 avg, IF	4.35 L-index

#	Paper	IF	Citations
68	Molecular structure, spectroscopy and photochemistry of alprazolam. <i>Journal of Molecular Structure</i> , 2022 , 1247, 131295	3.4	1
67	Complexes of In(III) with 8-hydroxyquinoline-5-sulfonate in solution: structural studies and the effect of cationic surfactants on the photophysical behaviour. <i>Dalton Transactions</i> , 2021 , 50, 16970-16983	4.3	1
66	Structural Relevance of Intramolecular H-Bonding in -Hydroxyaryl Schiff Bases: The Case of 3-(5-bromo-2-hydroxybenzylideneamino) Phenol. <i>Molecules</i> , 2021 , 26,	4.8	4
65	A novel fluorescent chemosensor for Cu ²⁺ ion based on a new hexadentate ligand receptor: X-ray single crystal of the perchlorate salt of the ligand, ion selectivity assays and TD-DFT study. <i>Inorganica Chimica Acta</i> , 2021 , 515, 120061	2.7	2
64	A new Schiff base ligand as a fluorescence probe for Cu(II) detection in semi-aqueous solution: synthesis, characterization, fluorescence and mechanistic insight. <i>Inorganica Chimica Acta</i> , 2021 , 528, 120623	2.7	2
63	Photophysical studies on lanthanide(III) chelates conjugated to Pittsburgh compound B as luminescent probes targeted to A β amyloid aggregates. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 1522-1537	4.2	2
62	Biological Applications of Macrocyclic Schiff Base Ligands and Their Metal Complexes: A Survey of the Literature (2005-2019). <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5884	3.1	13
61	A multi-technique investigation of a new macrocyclic Schiff base ligand and its Cd(II), Zn(II) and Cu(II) complexes. <i>Inorganica Chimica Acta</i> , 2019 , 495, 118941	2.7	5
60	Poly(9-undecyl-9-methyl-fluorene) and poly(9-pentadecyl-9-methyl-fluorene): Synthesis, solution structure, and effect of side chain asymmetry on aggregation behavior. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019 , 57, 826-837	2.6	2
59	Diffusion and structural behaviour of the dl-2-aminobutyric acid. <i>Journal of Chemical Thermodynamics</i> , 2019 , 135, 60-67	2.9	2
58	Structuring Conjugated Polymers and Polyelectrolytes Through Self-Assembly. <i>Materials and Energy</i> , 2018 , 67-114		
57	The structure and diffusion behaviour of the 1:1 copper(II) complex of ethambutol in aqueous solution. <i>Journal of Molecular Liquids</i> , 2018 , 262, 63-70	6	3
56	Effects of Charge Density on Photophysics and Aggregation Behavior of Anionic Fluorene-Arylene Conjugated Polyelectrolytes. <i>Polymers</i> , 2018 , 10,	4.5	4
55	Push-Pull ,Diphenylhydrazones Bearing Bithiophene or Thienothiophene Spacers as Nonlinear Optical Second Harmonic Generators and as Photosensitizers for Nanocrystalline TiO ₂ Dye-Sensitized Solar Cells. <i>ACS Omega</i> , 2018 , 3, 12893-12904	3.9	15
54	Synthesis, structural characterization and DFT analysis of an unusual tryptophan copper(II) complex bound via carboxylate monodentate coordination: Tetraaquabis(l-tryptophan) copper(II) picrate. <i>Inorganica Chimica Acta</i> , 2018 , 482, 324-332	2.7	3
53	Effect of pH in the structure and mass transport by diffusion of theophylline. <i>Journal of Chemical Thermodynamics</i> , 2017 , 110, 162-170	2.9	9
52	Effects of the matrix and intramolecular interactions on the stability of the higher-energy conformers of 2-fluorobenzoic acid. <i>Journal of Chemical Physics</i> , 2017 , 146, 124305	3.9	7

51	Oxocomplexes of U(vi) with 8-hydroxyquinoline-5-sulfonate in solution: structural studies and photophysical behaviour. <i>Dalton Transactions</i> , 2017 , 46, 9358-9368	4.3	4
50	Synthesis and characterization of push-pull bithiophene and thieno[3,2-b]thiophene derivatives bearing an ethyne linker as sensitizers for dye-sensitized solar cells. <i>Organic Electronics</i> , 2017 , 49, 194-205	3.5	18
49	Double-tailed long chain BODIPYs - Synthesis, characterization and preliminary studies on their use as lipid fluorescence probes. <i>Journal of Molecular Structure</i> , 2017 , 1146, 62-69	3.4	6
48	Optical and Photovoltaic Properties of Thieno[3,2-]thiophene-Based Push-Pull Organic Dyes with Different Anchoring Groups for Dye-Sensitized Solar Cells. <i>ACS Omega</i> , 2017 , 2, 9268-9279	3.9	21
47	Self-assembled systems of water soluble metal 8-hydroxyquinolates with surfactants and conjugated polyelectrolytes. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 16629-40	3.6	7
46	Thermally and vibrationally induced conformational isomerizations, infrared spectra, and photochemistry of gallic acid in low-temperature matrices. <i>Journal of Chemical Physics</i> , 2016 , 145, 014304	2.9	5
45	Conformational Changes in Thiazole-2-carboxylic Acid Selectively Induced by Excitation with Narrowband Near-IR and UV Light. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 2078-88	2.8	16
44	Binary diffusion coefficients of l-histidine methyl ester dihydrochloride in aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2015 , 89, 240-244	2.9	9
43	Infrared Spectrum and UV-Induced Photochemistry of Matrix-Isolated 5-Hydroxyquinoline. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 6296-308	2.8	10
42	Synthesis, structure, and spectral and electrochemical properties of chromium(III) tris-(8-hydroxyquinolate). <i>Dalton Transactions</i> , 2015 , 44, 11491-503	4.3	16
41	Conformational Switching by Vibrational Excitation of a Remote NH Bond. <i>Journal of the American Chemical Society</i> , 2015 , 137, 14240-3	16.4	21
40	Oxocomplexes of Mo(VI) and W(VI) with 8-hydroxyquinoline-5-sulfonate in solution: structural studies and the effect of the metal ion on the photophysical behaviour. <i>Dalton Transactions</i> , 2015 , 44, 19076-89	4.3	10
39	Structure and Photochemistry of N-Salicylidene-p-carboxyaniline Isolated in Solid Argon. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 9121-32	2.8	13
38	NMR, DFT and luminescence studies of the complexation of V(V) oxoions in solution with 8-hydroxyquinoline-5-sulfonate. <i>New Journal of Chemistry</i> , 2015 , 39, 1488-1497	3.6	11
37	Ternary mutual diffusion in aqueous (ethambutol dihydrochloride + hydrochloric acid) solutions. <i>Journal of Chemical Thermodynamics</i> , 2015 , 90, 140-146	2.9	3
36	Conformational switching in pyruvic acid isolated in Ar and N ₂ matrixes: spectroscopic analysis, anharmonic simulation, and tunneling. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 2614-27	2.8	53
35	Near-IR-induced, UV-induced, and spontaneous isomerizations in 5-methylcytosine and 5-fluorocytosine. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 2831-41	3.4	25
34	Near-infrared laser-induced generation of three rare conformers of glycolic acid. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 5626-35	2.8	39

33	Structural and Electronic Properties of Poly(9,9-dialkylfluorene)-Based Alternating Copolymers in Solution: An NMR Spectroscopy and Density Functional Theory Study. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 17969-17982	3.8	15
32	Separating Solvent and Conformational Effects on the Photophysics of a Homologous Progression of N-Terminated Phenylenevinylene Oligomers. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 18353-18366	3.8	11
31	Structural and photophysical studies on gallium(III) 8-hydroxyquinoline-5-sulfonates. Does excited state decay involve ligand photolabilisation?. <i>Dalton Transactions</i> , 2013 , 42, 3682-94	4.3	19
30	Theoretical and experimental insights into the complexation of 8-hydroxyquinoline-5-sulfonate with divalent ions of Group 12 metals. <i>Polyhedron</i> , 2013 , 52, 743-749	2.7	10
29	Polymorphism and melt crystallisation of racemic betaxolol, a β -adrenergic antagonist drug. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 111, 2171-2178	4.1	11
28	Conformational transformation in squaric acid induced by near-IR laser light. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 5251-9	2.8	25
27	Near-IR laser generation of a high-energy conformer of L-alanine and the mechanism of its decay in a low-temperature nitrogen matrix. <i>Journal of Chemical Physics</i> , 2013 , 138, 125101	3.9	46
26	Methylparaben isolated in solid argon: structural characterization and UV-induced conversion into methylparaben radical and isomeric ketenes. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 13543-55	3.4	8
25	NMR, DFT and luminescence studies of the complexation of Al(III) with 8-hydroxyquinoline-5-sulfonate. <i>Dalton Transactions</i> , 2012 , 41, 12478-89	4.3	29
24	Spontaneous tunneling and near-infrared-induced interconversion between the amino-hydroxy conformers of cytosine. <i>Journal of Chemical Physics</i> , 2012 , 136, 064511	3.9	50
23	Spectroscopic properties, excitation, and electron transfer in an anionic water-soluble poly(fluorene-alt-phenylene)-perylene diimide copolymer. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 7548-59	3.4	14
22	FTIR investigation of the O-H...Xe interaction in simple carboxylic acids in solid xenon. <i>Journal of Chemical Physics</i> , 2012 , 137, 064309	3.9	5
21	Infrared spectra and ultraviolet-tunable laser induced photochemistry of matrix-isolated phenol and phenol-d5. <i>Journal of Chemical Physics</i> , 2012 , 136, 024505	3.9	39
20	Structural considerations and reactivity of peroxocomplexes of V(V), Mo(VI) and W(VI). <i>Dalton Transactions</i> , 2011 , 40, 4374-83	4.3	33
19	NMR, DFT and luminescence studies of the complexation of Zn(II) with 8-hydroxyquinoline-5-sulfonate. <i>Dalton Transactions</i> , 2011 , 40, 11732-41	4.3	23
18	Gel Formation and Interpolymer Alkyl Chain Interactions with Poly(9,9-dioctylfluorene-2,7-diyl) (PFO) in Toluene Solution: Results from NMR, SANS, DFT, and Semiempirical Calculations and Their Implications for PFO Phase Formation. <i>Macromolecules</i> , 2011 , 44, 334-343	5.5	32
17	Formic and acetic acids in a nitrogen matrix: Enhanced stability of the higher-energy conformer. <i>Journal of Chemical Physics</i> , 2010 , 133, 144507	3.9	70
16	NIR-laser-induced selective rotamerization of hydroxy conformers of cytosine. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 9615-8	3.6	50

15	Conformational studies of poly(9,9-dialkylfluorene)s in solution using NMR spectroscopy and density functional theory calculations. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 11808-21	3.4	27
14	Aqueous solution behavior of anionic fluorene-co-thiophene-based conjugated polyelectrolytes. <i>ACS Applied Materials & Interfaces</i> , 2009 , 1, 864-74	9.5	34
13	Density functional theory study of the oxoperoxo vanadium(V) complexes of glycolic acid. Structural correlations with NMR chemical shifts. <i>Dalton Transactions</i> , 2009 , 9735-45	4.3	28
12	NMR and DFT studies of the complexation of W(VI) and Mo(VI) with 3-phospho-D-glyceric and 2-phospho-D-glyceric acids. <i>Dalton Transactions</i> , 2009 , 9616-24	4.3	10
11	Oxoperoxo vanadium(V) complexes of L-lactic acid: density functional theory study of structure and NMR chemical shifts. <i>Inorganic Chemistry</i> , 2008 , 47, 7317-26	5.1	25
10	Synthesis and structural characterization of a new self-assembled disulfide linked meso-tetrakis-porphyrin macromolecular array. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008 , 12, 845-848	1.8	4
9	X-ray Diffraction and DFT Studies of 2-Methoxy-5-phenylaniline. <i>Journal of Chemical Crystallography</i> , 2008 , 38, 295-299	0.5	4
8	An effect of side chain length on the solution structure of poly(9,9-dialkylfluorene)s in toluene. <i>Polymer</i> , 2008 , 49, 2033-2038	3.9	27
7	Density functional and X-ray diffraction studies of bis(isocinchomeric acid) trihydrated. <i>Journal of Molecular Structure</i> , 2007 , 837, 58-62	3.4	11
6	Stepwise conformational cooling towards a single isomeric state in the four internal rotors system 1,2-butanediol. <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 5339-49	3.6	62
5	Experimental and calculated structural parameters of 4-(2-methoxycarbonyl-ethyl)-3,5-dimethyl-1H-pyrrole-2-carboxylic acid benzyl ester. <i>Journal of Molecular Structure</i> , 2006 , 785, 32-36	3.4	3
4	NMR spectroscopy study of the peroxovanadium(V) complexes of ?-malic acid. <i>Inorganica Chimica Acta</i> , 2003 , 356, 179-186	2.7	19
3	Rotational isomerism in acetic acid: the first experimental observation of the high-energy conformer. <i>Journal of the American Chemical Society</i> , 2003 , 125, 16188-9	16.4	106
2	Peroxovanadium(V) complexes of glycolic acid as studied by NMR spectroscopy. <i>Inorganica Chimica Acta</i> , 2000 , 311, 119-125	2.7	26
1	Bonding in carbonyl and thiocarbonyl compounds: an ab initio charge density study of H ₂ C?X and HC(?X)YH (X,Y ? O or S). <i>Computational and Theoretical Chemistry</i> , 1994 , 315, 123-136		34