LuÃ-sa Ramos

List of Publications by Year
in descending order

73	1,165	257357	477173
papers	citations	24 h-index	29 g-index

75	75	75	1163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NMR Study of uronic acids and their complexation with molybdenum(VI) and tungsten(VI) oxoions. Carbohydrate Research, 1996, 286, 1-15.	1.1	41
2	Interactions of vanadates with carbohydrates in aqueous solutions. Journal of Molecular Structure, 2004, 703, 93-101.	1.8	40
3	Association between ammonium monovanadate and Î²-cyclodextrin as seen by NMR and transport techniques. Polyhedron, 2006, 25, 3581-3587.	1.0	36
4	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 Î²-Phase Formation. Macromolecules, 2011, 44, 334-343.	2.2	36
5	Structural considerations and reactivity of peroxocomplexes of V(v), Mo(vi) and W(vi). Dalton Transactions, 2011, 40, 4374.	1.6	34
6	Complexes of W(VI) and Mo(VI) with glycolic, lactic, chloro- and phenyl-lactic, mandelic, and glyceric acids studied by ¹H and ¹³C nuclear magnetic resonance spectroscopy. Canadian Journal of Chemistry, 1987, 65, 827-832.	0.6	33
7	NMR, DFT and luminescence studies of the complexation of Al(iii) with 8-hydroxyquinoline-5-sulfonate. Dalton Transactions, 2012, 41, 12478.	1.6	32
8	Complexes of vanadium(V) with Î±-hydroxycarboxylic acids studied by ¹H, ¹³C, and ⁵¹V nuclear magnetic resonance spectroscopy. Canadian Journal of Chemistry, 1987, 65, 2434-2440.	0.6	31
9	Interactions of Copper (II) Chloride with Î²â€Cyclodextrin in Aqueous Solutions. Journal of Carbohydrate Chemistry, 2006, 25, 173-185.	0.4	31
10	An effect of side chain length on the solution structure of poly(9,9-dialkylfluorene)s in toluene. Polymer, 2008, 49, 2033-2038.	1.8	31
11	Luminescence from cerium(iii) acetate complexes in aqueous solution: considerations on the nature of carboxylate binding to trivalent lanthanides. New Journal of Chemistry, 2008, 32, 1531.	1.4	31
12	NMR spectroscopy study of the complexation of d-gluconic acid with tungsten(VI) and molybdenum(VI). Carbohydrate Research, 1997, 304, 97-109.	1.1	29
13	Peroxovanadium(V) complexes of glycolic acid as studied by NMR spectroscopy. Inorganica Chimica Acta, 2000, 311, 119-125.	1.2	29
14	Oxoperoxo Vanadium(V) Complexes of l-Lactic Acid: Density Functional Theory Study of Structure and NMR Chemical Shifts. Inorganic Chemistry, 2008, 47, 7317-7326.	1.9	28
15	Conformational Studies of Poly(9,9-dialkylfluorene)s in Solution Using NMR Spectroscopy and Density Functional Theory Calculations. Journal of Physical Chemistry B, 2009, 113, 11808-11821.	1.2	28
16	Density functional theory study of the oxoperoxo vanadium(V) complexes of glycolic acid. Structural correlations with NMR chemical shifts. Dalton Transactions, 2009, , 9735.	1.6	28
17	NMR spectroscopy study of the complexation of l-mannonic acid with tungsten(VI) and molybdenum(VI). Carbohydrate Research, 1997, 299, 209-220.	1.1	27
18	Multinuclear NMR study of the complexation of D-glucaric acid with molybdenum(VI) and tungsten(VI). Inorganica Chimica Acta, 1991, 180, 219-224.	1.2	26

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19	Multinuclear NMR study of the complexation of d-galactaric and d-mannaric acids with molybdenum(VI). Polyhedron, 1994, 13, 1825-1833.	1.0	26
20	MULTINUCLEAR NMR STUDY OF COMPLEXATION OFD-GALACTARIC ANDD-MANNARIC ACIDS WITH TUNGSTEN(VI) OXOIONS. Journal of Coordination Chemistry, 1994, 33, 319-329.	0.8	26
21	NMR study of the complexation of D-galactonic acid with tungsten (VI) and molybdenum (VI). Carbohydrate Research, 1997, 297, 191-200.	1.1	26
22	NMR and X-ray diffraction studies of the complexation of D-(â€“)quinic acid with tungsten(vi) and molybdenum(vi). Dalton Transactions RSC, 2002, , 2126-2131.	2.3	25
23	Interactions between surfactants and {1,4-phenylene-[9,9-bis(4-phenoxy-butylsulfonate)]fluorene-2,7-diyl}. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 270-271, 61-66.	2.3	25
24	Peroxo complexes of sugar acids with oxoions of MoVI and WVI as studied by NMR spectroscopyâ€Šâ€. Dalton Transactions RSC, 2000, , 2099-2103.	2.3	24
25	NMR, DFT and luminescence studies of the complexation of Zn(ii) with 8-hydroxyquinoline-5-sulfonate. Dalton Transactions, 2011, 40, 11732.	1.6	23
26	Multinuclear NMR study of vanadium(V) complexation with tartaric and citric acids. Journal of Molecular Structure, 1988, 174, 461-466.	1.8	20
27	NMR spectroscopy study of the peroxovanadium(V) complexes of ?-malic acid. Inorganica Chimica Acta, 2003, 356, 179-186.	1.2	20
28	Does cation dehydration drive the binding of metal ions to polyelectrolytes in water? What we can learn from the behaviour of aluminium(iii) and chromium(iii). Physical Chemistry Chemical Physics, 2012, 14, 7950.	1.3	19
29	Structural and photophysical studies on gallium(iii) 8-hydroxyquinoline-5-sulfonates. Does excited state decay involve ligand photolabilisation?. Dalton Transactions, 2013, 42, 3682.	1.6	19
30	Synthesis, structure, and spectral and electrochemical properties of chromium(<scp>iii</scp>) tris-(8-hydroxyquinolinate). Dalton Transactions, 2015, 44, 11491-11503.	1.6	19
31	Structural studies on cationic poly{9,9-bis[6-(N,N,N-trimethylammonium)alkyl]fluorene-co-1,4-phenylene} iodides in aqueous solutions in the presence of the non-ionic surfactant pentaethyleneglycol monododecyl ether ($C_{12}E_5$). Journal of Physics Condensed Matter, 2008, 20, 104210.	0.7	18
32	Structural and Electronic Properties of Poly(9,9-dialkylfluorene)-Based Alternating Copolymers in Solution: An NMR Spectroscopy and Density Functional Theory Study. Journal of Physical Chemistry C, 2013, 117, 17969-17982.	1.5	15
33	The structure and diffusion behaviour of the neurotransmitter Î³-aminobutyric acid (GABA) in neutral aqueous solutions. Journal of Chemical Thermodynamics, 2017, 104, 110-117.	1.0	15
34	Ternary mutual diffusion coefficients of aqueous {l-dopa (1)+Î²-CD (2)} solutions at T=298.15K. Journal of Chemical Thermodynamics, 2015, 90, 169-173.	1.0	14
35	Understanding the Interaction between Trivalent Lanthanide Ions and Stereoregular Polymethacrylates through Luminescence, Binding Isotherms, NMR, and Interaction with Cetylpyridinium Chloride. Langmuir, 2013, 29, 14429-14437.	1.6	13
36	Coordination study of d-xylo 5-hexulosonic acid with borate, molybdate and tungstate in aqueous solution by nuclear magnetic resonance spectroscopy. Inorganica Chimica Acta, 1994, 221, 69-77.	1.2	12

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37	NMR study of the complexation of d-gulonic acid with tungsten(VI) and molybdenum(VI). Carbohydrate Research, 2000, 329, 387-397.	1.1	12
38	Polymorphism and melt crystallisation of racemic betaxolol, a Î²-adrenergic antagonist drug. Journal of Thermal Analysis and Calorimetry, 2013, 111, 2171-2178.	2.0	12
39	Synthesis, Characterization and Evaluation of the Antibacterial and Antitumor Activity of HalogenatedSalen Copper (II) Complexes derived from Camphoric Acid. Applied Organometallic Chemistry, 2020, 34, e5569.	1.7	12
40	Using lanthanides as probes for polyelectrolyteâ€“metal ion interactions. Hydration changes on binding of trivalent cations to nucleotides and nucleic acids. Chemical Physics, 2008, 352, 241-248.	0.9	11
41	NMR and DFT studies of the complexation of W(VI) and Mo(VI) with 3-phospho-D-glyceric and 2-phospho-D-glyceric acids. Dalton Transactions, 2009, , 9616.	1.6	11
42	NMR, DFT and luminescence studies of the complexation of V(v) oxoions in solution with 8-hydroxyquinoline-5-sulfonate. New Journal of Chemistry, 2015, 39, 1488-1497.	1.4	11
43	Effect of pH in the structure and mass transport by diffusion of theophylline. Journal of Chemical Thermodynamics, 2017, 110, 162-170.	1.0	11
44	Theoretical and experimental insights into the complexation of 8-hydroxyquinoline-5-sulfonate with divalent ions of Group 12 metals. Polyhedron, 2013, 52, 743-749.	1.0	10
45	Binary diffusion coefficients of l-histidine methyl ester dihydrochloride in aqueous solutions. Journal of Chemical Thermodynamics, 2015, 89, 240-244.	1.0	10
46	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. Dalton Transactions, 2015, 44, 19076-19089.	1.6	10
47	Incorporation of a Cationic Conjugated Polyelectrolyte CPE within an Aqueous Poly(vinyl alcohol) Sol. Macromolecules, 2016, 49, 9119-9131.	2.2	10
48	Hierarchical design of hyaluronic acid-peptide constructs for glioblastoma targeting: Combining insights from NMR and molecular dynamics simulations. Journal of Molecular Liquids, 2020, 315, 113774.	2.3	10
49	Effect of sodium salts on diffusion of poly(vinyl alcohol) in aqueous solutions. Journal of Molecular Liquids, 2020, 304, 112728.	2.3	9
50	Multinuclear NMR study of the complexes of 6-phospho-d-gluconic acid with W(VI) and Mo(VI). Carbohydrate Research, 2004, 339, 2225-2232.	1.1	8
51	Self-assembled systems of water soluble metal 8-hydroxyquinolates with surfactants and conjugated polyelectrolytes. Physical Chemistry Chemical Physics, 2016, 18, 16629-16640.	1.3	8
52	Expediting Disulfiram Assays through a Systematic Analytical Quality by Design Approach. Chemosensors, 2021, 9, 172.	1.8	7
53	Low temperature FTIR, Raman, NMR spectroscopic and theoretical study of hydroxyethylammonium picrate. Journal of Molecular Structure, 2016, 1104, 40-51.	1.8	6
54	Synthesis of flexible dimeric meso-tetrakis-porphyrins. Tetrahedron Letters, 2007, 48, 3145-3149.	0.7	5

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55	Transport properties in aqueous ethambutol dihydrochloride. International Journal of Pharmaceutics, 2015, 479, 306-311.	2.6	5
56	Effect of 2-Hydroxypropyl-Î²-cyclodextrin on the diffusion behaviour of L-dopa in aqueous solutions. Journal of Chemical Thermodynamics, 2016, 97, 122-126.	1.0	5
57	Oxocomplexes of U(vi) with 8-hydroxyquinoline-5-sulfonate in solution: structural studies and photophysical behaviour. Dalton Transactions, 2017, 46, 9358-9368.	1.6	5
58	Interactions between glycyl-L-phenylalanine and Î²-cyclodextrin from diffusion, spectroscopic and computational studies. Journal of Molecular Liquids, 2020, 315, 113704.	2.3	5
59	Limiting diffusion coefficients of $alpha$,$omega$-amino acids in water and in sodium chloride aqueous solutions at 298.15 K. European Physical Journal E, 2019, 42, 94.	0.7	4
60	Ternary mutual diffusion in aqueous (ethambutol dihydrochloride+hydrochloric acid) solutions. Journal of Chemical Thermodynamics, 2015, 90, 140-146.	1.0	3
61	Influence of fructose on the diffusion of potassium hydrogen phosphate in aqueous solutions at 25 Â°C. Journal of Chemical Thermodynamics, 2016, 101, 245-250.	1.0	3
62	Binding of divalent and higher valent metal ions to surfactants and polyelectrolytes. Current Opinion in Colloid and Interface Science, 2017, 32, 76-83.	3.4	3
63	The structure and diffusion behaviour of the 1:1 copper(II) complex of ethambutol in aqueous solution. Journal of Molecular Liquids, 2018, 262, 63-70.	2.3	3
64	A comparative study between the behavior diffusion of Î±-aminobutyric acid and Î³-aminobutyric acid in sodium chloride aqueous solutions. Journal of Molecular Liquids, 2019, 291, 111289.	2.3	3
65	Limiting diffusion coefficients of glufosinate ammonium, cymoxanil and imidacloprid in aqueous solutions. Journal of Molecular Liquids, 2019, 293, 111459.	2.3	3
66	Poly(9â€undecylâ€9â€methylâ€fluorene) and poly(9â€pentadecylâ€9â€methylâ€fluorene): Synthesis, solution structure, and effect of side chain asymmetry on aggregation behavior. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 826-837.	2.4	3
67	Diffusion and structural behaviour of the dl-2-aminobutyric acid. Journal of Chemical Thermodynamics, 2019, 135, 60-67.	1.0	3
68	Molecular structure, spectroscopy and photochemistry of alprazolam. Journal of Molecular Structure, 2022, 1247, 131295.	1.8	3
69	A multinuclear NMR study of the complexation of W(VI) with meso-2,3-dimercaptosuccinic acid (DMSA). Polyhedron, 2000, 19, 193-197.	1.0	2
70	Stoichiometries and stability constants for the cerium(IV) carbonate complexes in dilute aqueous solution. Journal of Coordination Chemistry, 2006, 59, 531-536.	0.8	2
71	Uncommon temperature effect on the interaction between levodopa and Î²-cyclodextrin seen by diffusometry and NMR spectroscopy. Journal of Chemical Thermodynamics, 2017, 112, 314-320.	1.0	2
72	Complexes of In(III) with 8-hydroxyquinoline-5-sulfonate in solution: Structural studies and the effect of cationic surfactants on the photophysical behaviour. Dalton Transactions, 2021, 50, 16970-16983.	1.6	2

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73	Structuring Conjugated Polymers and Polyelectrolytes Through Self-Assembly. Materials and Energy, 2018, , 67-114.	2.5	0