

Li-Min Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3078222/publications.pdf>

Version: 2024-02-01

55
papers

852
citations

430874

18
h-index

552781

26
g-index

56
all docs

56
docs citations

56
times ranked

747
citing authors

#	ARTICLE	IF	CITATIONS
1	Sugar interaction with metal ions. FT-IR study on the structure of crystalline galactaric acid and its K ⁺ , NH ₄ ⁺ , Ca ²⁺ , Ba ²⁺ , and La ³⁺ complexes. <i>Carbohydrate Research</i> , 2000, 324, 45-52.	2.3	54
2	Orthogonal Sample Design Scheme for Two-Dimensional Synchronous Spectroscopy and its Application in Probing Intermolecular Interactions. <i>Applied Spectroscopy</i> , 2007, 61, 1359-1365.	2.2	48
3	Interactions between Metal Ions and Carbohydrates. Coordination Behavior of Neutral Erythritol to Ca(II) and Lanthanide Ions. <i>Inorganic Chemistry</i> , 2003, 42, 5844-5856.	4.0	44
4	Double Asynchronous Orthogonal Sample Design Scheme for Probing Intermolecular Interactions. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10904-10916.	2.5	42
5	FT-IR spectroscopic study on the variations of molecular structures of some carboxyl acids induced by free electron laser. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 1209-1215.	3.9	33
6	Interactions between Metal Ions and Carbohydrates. Spectroscopic Characterization and the Topology Coordination Behavior of Erythritol with Trivalent Lanthanide Ions. <i>Inorganic Chemistry</i> , 2012, 51, 499-510.	4.0	33
7	Terahertz absorption spectra of some saccharides and their metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 160-166.	3.9	31
8	Characterization of ovarian cancer cells and tissues by Fourier transform infrared spectroscopy. <i>Journal of Ovarian Research</i> , 2018, 11, 64.	3.0	28
9	Low-frequency vibrational modes of dl-homocysteic acid and related compounds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 884-891.	3.9	27
10	Interactions between metal ions and carbohydrates: the coordination behavior of neutral erythritol to zinc and europium nitrate. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1251-1260.	3.5	26
11	Interactions between metal ions and carbohydrates. The coordination behavior of neutral erythritol to lanthanum and erbium ions. <i>Carbohydrate Research</i> , 2005, 340, 2773-2781.	2.3	23
12	Far infrared study of some mono- and disaccharides. <i>Vibrational Spectroscopy</i> , 2001, 25, 57-62.	2.2	22
13	Cobalt(II) and strontium(II) complexes of three isomers, nicotinamide, isonicotinamide and picolinamide. <i>Journal of Molecular Structure</i> , 2014, 1059, 108-117.	3.6	22
14	Complexation of trivalent lanthanide cations by d-ribose in the solid state. The crystal structure and FT-IR study of PrCl ₃ ·d-ribose·5 H ₂ O. <i>Carbohydrate Research</i> , 2001, 334, 91-95.	2.3	21
15	Interactions between metal ions and carbohydrates: the coordination behavior of neutral erythritol to transition metal ions. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1284-1292.	3.5	20
16	Sugar-Metal Ion Interactions: The Complicated Coordination Structures of Cesium Ion with d-Ribose and myo-Inositol. <i>Inorganic Chemistry</i> , 2013, 52, 13132-13145.	4.0	20
17	Sugar interaction with metal ions. The coordination behavior of neutral galactitol to Ca(II) and lanthanide ions. <i>Carbohydrate Research</i> , 2002, 337, 1485-1493.	2.3	19
18	Coordination between cobalt (II) ion and carbonyl group in acetone probed by using DAOSD approach. <i>Journal of Molecular Structure</i> , 2014, 1069, 217-222.	3.6	19

#	ARTICLE	IF	CITATIONS
19	Complexation of trivalent lanthanide cations by galactitol in the solid state. The crystal structure and an FT-IR study of $2\text{NdCl}_3 \cdot \text{galactitol} \cdot 14\text{H}_2\text{O}$. Carbohydrate Research, 2001, 330, 125-130.	2.3	17
20	Complexation of trivalent lanthanide cations by inositols in the solid state: crystal structure and an FT-IR study of $\text{PrCl}_3 \cdot \text{myo-inositol} \cdot 9\text{H}_2\text{O}$. Carbohydrate Research, 2000, 329, 847-853.	2.3	15
21	Complexation of trivalent lanthanide cations by inositol in solid state. The crystal structure and Raman spectra study of $\text{NdCl}_3 \cdot \text{inositol} \cdot 9\text{H}_2\text{O}$. Journal of Molecular Structure, 2001, 560, 105-113.	3.6	15
22	Fourier Transform Infrared Spectroscopy: An Innovative Method for the Diagnosis of Ovarian Cancer. Cancer Management and Research, 2021, Volume 13, 2389-2399.	1.9	15
23	Interactions between metal ions and carbohydrates: FT-IR and Raman spectra study of $\text{NdCl}_3 \cdot \text{d-ribofuranose} \cdot 5\text{H}_2\text{O}$. Journal of Molecular Structure, 2002, 612, 49-57.	3.6	14
24	Interaction between Metal Nitrates and Carbohydrates: The Topology Coordination Behavior of Galactitol with Trivalent Lanthanide and Divalent Alkaline Earth Ions. Inorganic Chemistry, 2007, 46, 5508-5517.	4.0	14
25	Spectroscopic studies of the effect of the metal ions on the structure of mucin. Journal of Molecular Structure, 2009, 920, 8-13.	3.6	14
26	Sugar-metal ion interactions: The coordination behavior of cesium ion with lactose, d-arabinose and l-arabinose. Journal of Molecular Structure, 2016, 1109, 179-191.	3.6	14
27	Interactions between metal ions and carbohydrates. The coordination behavior of neutral erythritol to neodymium ion. Journal of Inorganic Biochemistry, 2005, 99, 1090-1097.	3.5	13
28	New, rapid fluorescence stain method for histologic sections using lanthanide complexes. Analytical Biochemistry, 2005, 347, 89-93.	2.4	12
29	Structures and spectroscopic characterization of calcium chloride-nicotinamide, -isonicotinamide, -picolinamide and praseodymium bromide-nicotinamide complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 864-870.	3.9	12
30	Sugar interaction with metal ions. Crystal structure and FT-IR spectroscopic study of strontium galactarate mono-hydrate. Journal of Inorganic Biochemistry, 2000, 78, 197-204.	3.5	11
31	Sugar complexes with neodymium nitrate.. Carbohydrate Research, 2003, 338, 2029-2034.	2.3	11
32	Crystal structures and spectroscopic characterization of galactitol complexes of trivalent lanthanide and divalent alkaline earth chlorides. Carbohydrate Research, 2006, 341, 75-83.	2.3	11
33	Identification of systematic absence of cross-peaks (SACPs) in a two-dimensional asynchronous Spectrum using an auxiliary 2D quotient Spectrum and a statistical test. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 243, 118789.	3.9	11
34	A new approach to removing interference of moisture from FTIR spectrum. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 265, 120373.	3.9	11
35	Complexation of trivalent lanthanide cations by erythritol in the solid state. The crystal structure and FT-IR study of $2\text{EuCl}_3 \cdot 2\text{C}_4\text{H}_{10}\text{O}_4 \cdot 7\text{H}_2\text{O}$. Carbohydrate Research, 2004, 339, 1679-1687.	2.3	10
36	Synthesis, crystal structures and luminescence properties of europium and terbium picolinamide complexes. Chinese Chemical Letters, 2014, 25, 887-891.	9.0	9

#	ARTICLE	IF	CITATIONS
37	The interaction between amino acids and metal ions (I). The FT-IR spectroscopic study of the binding between d,l-homocysteic acid and alkali metal ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 235-240.	3.9	8
38	Sugar-metal ion interactions: the coordination behaviors of lanthanum with erythritol. <i>Carbohydrate Research</i> , 2012, 361, 12-18.	2.3	8
39	<p>Fourier Transform Infrared Spectroscopy Monitoring of Dihydroartemisinin-Induced Growth Inhibition in Ovarian Cancer Cells and Normal Ovarian Surface Epithelial Cells</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 653-661.	1.9	8
40	Sugar interaction with metal ion: crystal structure and spectroscopic study of SrCl ₂ ·galactitol·4H ₂ O. <i>Journal of Inorganic Biochemistry</i> , 2003, 94, 43-49.	3.5	7
41	Interactions between metal ions and carbohydrates. Syntheses and spectroscopic studies of several lanthanide nitrate-d-galactitol complexes. <i>Carbohydrate Research</i> , 2011, 346, 2278-2284.	2.3	7
42	Preparation and spectroscopic characterization of two HoCl ₃ -galactitol complexes and one ErCl ₃ -galactitol complex. <i>Journal of Molecular Structure</i> , 2011, 998, 225-232.	3.6	7
43	Spectroscopic characterization and the coordination behavior of isonicotinamide with lanthanide ions. <i>Journal of Molecular Structure</i> , 2013, 1052, 93-101.	3.6	7
44	Terahertz Absorption Spectroscopy of Benzamide, Acrylamide, Caprolactam, Salicylamide, and Sulfanilamide in the Solid State. <i>Journal of Spectroscopy</i> , 2014, 2014, 1-9.	1.3	6
45	Two-dimensional correlation spectroscopic studies on coordination between organic ligands and Ni ²⁺ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 197, 126-132.	3.9	6
46	The coordination of lanthanide ions with picolinamide. The influence of different anions. <i>CrystEngComm</i> , 2014, 16, 7711-7721.	2.6	5
47	(Butane-1,2,3,4-tetraol- η^3 -O, η^1 -O, η^2 -O, η^3 -O)(ethanol- η^4 -O)tris(Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m162-m163.	0.2	4
48	Sugar-metal ion interaction: Crystal structure and spectroscopic study of potassium chloride complex with d-glucose, KCl·2C ₆ H ₁₂ O ₆ . <i>Journal of Molecular Structure</i> , 2020, 1206, 127671.	3.6	4
49	(Butane-1,2,3,4-tetraol- η^3 -O, η^1 -O, η^2 -O, η^3 -O)(ethanol- η^4 -O)tris(Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m257-m258.	0.2	4
50	Luminescence studies on europium-strontium phthalate system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002, 58, 2803-2808.	3.9	3
51	Unexpected Deprotonation from a Chemically Inert OH Group Promoted by Metal Ions in Lanthanide-Erythritol Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 5172-5182.	4.0	3
52	Novel Method for Extracting the Spectrum of a Supramolecular Complex via a Comprehensive Approach Involving Two-Dimensional Correlation Spectroscopy, Genetic Algorithm, and Grid Searching. <i>Analytical Chemistry</i> , 2022, 94, 2348-2355.	6.5	3
53	Deprotonation from an OH on <i>myo</i> -Inositol Promoted by μ_2 -Bridges with Possible Regioselectivity/Chiral Selectivity. <i>Inorganic Chemistry</i> , 2022, 61, 6138-6148.	4.0	1
54	[(2R,3S)-Butane-1,2,3,4-tetraol- η^3 O1,O2,O3](ethanol- η^4 O)(nitrate- η^2 O) ϵ^2 samarium(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m182-m183.	0.2	0

#	ARTICLE	IF	CITATIONS
55	Random swapping, an effective and efficient way to boost the intensities of cross peaks in a 2D asynchronous spectrum. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 272, 120968.	3.9	0