

LuÃ-s M Lima

List of Publications by Year in descending order

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citations

430442

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docs citations

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times ranked

1312
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal complexes of cyclen and cyclam derivatives useful for medical applications: a discussion based on thermodynamic stability constants and structural data. Dalton Transactions, 2007, , 2734-2745.	1.6	151
2	Monopicolinate Cyclen and Cyclam Derivatives for Stable Copper(II) Complexation. Inorganic Chemistry, 2012, 51, 6916-6927.	1.9	82
3	Copper(II) Complexes of Phenanthroline and Histidine Containing Ligands: Synthesis, Characterization and Evaluation of their DNA Cleavage and Cytotoxic Activity. Inorganic Chemistry, 2016, 55, 11801-11814.	1.9	66
4	Positively Charged Lanthanide Complexes with Cyclen-Based Ligands: Synthesis, Solid-State and Solution Structure, and Fluoride Interaction. Inorganic Chemistry, 2011, 50, 12508-12521.	1.9	64
5	13- and 14-membered macrocyclic ligands containing methylcarboxylate or methylphosphonate pendant arms: Chemical and biological evaluation of their ^{153}Sm and ^{166}Ho complexes as potential agents for therapy or bone pain palliation. Journal of Inorganic Biochemistry, 2006, 100, 270-280.	1.5	58
6	Stable Mn^{2+} , Cu^{2+} and Ln^{3+} complexes with cyclen-based ligands functionalized with picolinate pendant arms. Dalton Transactions, 2015, 44, 5017-5031.	1.6	55
7	Monopicolinate-dipicolyl Derivative of Triazacyclononane for Stable Complexation of Cu^{2+} and $^{64}\text{Cu}^{2+}$. Inorganic Chemistry, 2013, 52, 5246-5259.	1.9	52
8	Monopicolinate Cross-Bridged Cyclam Combining Very Fast Complexation with Very High Stability and Inertness of Its Copper(II) Complex. Inorganic Chemistry, 2014, 53, 5269-5279.	1.9	51
9	Investigating the Complexation of the $\text{Pb}^{2+}/\text{Bi}^{3+}$ Pair with Dipicolinate Cyclen Ligands. Inorganic Chemistry, 2015, 54, 7045-7057.	1.9	45
10	Lanthanide complexes of macrocyclic derivatives useful for medical applications. Pure and Applied Chemistry, 2005, 77, 569-579.	0.9	43
11	Di- and trinuclear copper(II) complexes of polyaza macrocycles and cryptands as anion receptors. Polyhedron, 2013, 52, 25-42.	1.0	37
12	Reasons behind the Relative Abundances of Heptacoordinate Complexes along the Late First-Row Transition Metal Series. Inorganic Chemistry, 2014, 53, 12859-12869.	1.9	35
13	Improving the stability and inertness of $\text{Cu}(\text{II})$ and $\text{Cu}(\text{I})$ complexes with methylthiazolyl ligands by tuning the macrocyclic structure. Dalton Transactions, 2016, 45, 7406-7420.	1.6	31
14	Bis- and tris-(methylphosphonic) acid derivatives of a 14-membered tetraazamacrocycle containing pyridine: synthesis, protonation and complexation studies. Dalton Transactions, 2004, , 1812-1822.	1.6	30
15	$\text{H}_2\text{Me-do2pa}$: an attractive chelator with fast, stable and inert $^{213}\text{Bi}^{3+}$ and $^{213}\text{Bi}^{3+}$ complexation for potential β^- -radioimmunotherapy applications. Chemical Communications, 2014, 50, 12371-12374.	2.2	26
16	^{153}Sm and ^{166}Ho complexes with tetraaza macrocycles containing pyridine and methylcarboxylate or methylphosphonate pendant arms. Journal of Biological Inorganic Chemistry, 2004, 9, 859-872.	1.1	23
17	1,4,7-Triazacyclononane-Based Bifunctional Picolinate Ligands for Efficient Copper Complexation. European Journal of Inorganic Chemistry, 2017, 2017, 2435-2443.	1.0	23
18	Methylthiazolyl Tacn Ligands for Copper Complexation and Their Bifunctional Chelating Agent Derivatives for Bioconjugation and Copper-64 Radiolabeling: An Example with Bombesin. Inorganic Chemistry, 2019, 58, 2669-2685.	1.9	21

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19	Copper(II) and Gallium(III) Complexes of <i>trans</i> -Bis(2-hydroxybenzyl) Cyclen Derivatives: Absence of a Cross-Bridge Proves Surprisingly More Favorable. <i>Inorganic Chemistry</i> , 2014, 53, 4371-4386.	1.9	20
20	Cyclam derivatives containing three acetate pendant arms: synthesis, acid-base, metal complexation and structural studies. <i>Dalton Transactions</i> , 2008, , 6593.	1.6	18
21	Ultrasensitive Colorimetric and Ratiometric Detection of Cu ²⁺ : Acid-Base Properties, Complexation, and Binding Studies. <i>ACS Omega</i> , 2018, 3, 10471-10480.	1.6	17
22	Polyaminoquinoline Iron Chelators for Vectorization of Antiproliferative Agents: Design, Synthesis, and Validation. <i>Bioconjugate Chemistry</i> , 2012, 23, 1952-1968.	1.8	16
23	Polyamide-Polyamine Cryptand as Dicarboxylate Receptor: Dianion Binding Studies in the Solid State, in Solution, and in the Gas Phase. <i>Journal of Organic Chemistry</i> , 2017, 82, 10007-10014.	1.7	16
24	Cyclams with Ambidentate Methylthiazolyl Pendants for Stable, Inert, and Selective Cu(II) Coordination. <i>Inorganic Chemistry</i> , 2016, 55, 619-632.	1.9	15
25	Cyclen derivatives with two <i>trans</i> -methylnitrophenolic pendant arms: a structural study of their copper(ii) and zinc(ii) complexes. <i>Dalton Transactions</i> , 2013, 42, 6149.	1.6	14
26	TETA analogue containing one methylenephosphonate pendant arm: Lanthanide complexes and biological evaluation of its 153Sm and 166Ho complexes. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5621-5627.	2.6	10
27	Tris(phosphonomethyl) Cyclen Derivatives: Synthesis, Acid-Base Properties and Complexation Studies with Cu ²⁺ and Zn ²⁺ Ions. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2533-2547.	1.0	10
28	Coarse-Grained Parameterization of Nucleotide Cofactors and Metabolites: Protonation Constants, Partition Coefficients, and Model Topologies. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 335-346.	2.5	9
29	<i>endo</i> - versus <i>exo</i> -Cyclic coordination in copper complexes with methylthiazolylcarboxylate tacn derivatives. <i>Dalton Transactions</i> , 2019, 48, 8740-8755.	1.6	7
30	A New Tris(phosphonomethyl) Monoacetic Acid Cyclam Derivative: Synthesis, Acid-Base and Metal Complexation Studies. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 527-538.	1.0	5
31	Tris(phosphonomethyl)cyclen Derivatives: Thermodynamic Stability, Kinetics, Solution Structure, and Relaxivity of Ln ³⁺ Complexes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2548-2559.	1.0	5
32	Relevance of Palladium to Radiopharmaceutical Development Considering Enhanced Coordination Properties of TE1PA. <i>Chemistry - A European Journal</i> , 2022, , .	1.7	2
33	Engineering Short Preorganized Peptide Sequences for Metal Ion Coordination. <i>Methods in Enzymology</i> , 2016, 580, 333-364.	0.4	1
34	Front Cover: Relevance of Palladium to Radiopharmaceutical Development Considering Enhanced Coordination Properties of TE1PA (Chem. Eur. J. 41/2022). <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	0
35	Relevance of Palladium to Radiopharmaceutical Development Considering Enhanced Coordination Properties of TE1PA. <i>Chemistry - A European Journal</i> , 0, , .	1.7	0