

# LuÃ-s M Lima

## List of Publications by Year in descending order

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35  
papers

1,058  
citations

430442

18  
h-index

414034

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relevance of Palladium to Radiopharmaceutical Development Considering Enhanced Coordination Properties of TE1PA. <i>Chemistry - A European Journal</i> , 2022, , .	1.7	2
2	Front Cover: Relevance of Palladium to Radiopharmaceutical Development Considering Enhanced Coordination Properties of TE1PA ( <i>Chem. Eur. J.</i> 41/2022). <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	0
3	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
4	Methylthiazolyl Tacn Ligands for Copper Complexation and Their Bifunctional Chelating Agent Derivatives for Bioconjugation and Copper-64 Radiolabeling: An Example with Bombesin. <i>Inorganic Chemistry</i> , 2019, 58, 2669-2685.	1.9	21
5	<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
6	Ultrasensitive Colorimetric and Ratiometric Detection of Cu <sup>2+</sup> : Acid-Base Properties, Complexation, and Binding Studies. <i>ACS Omega</i> , 2018, 3, 10471-10480.	1.6	17
7	1,4,7-Triazacyclononane-Based Bifunctional Picolinate Ligands for Efficient Copper Complexation. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2435-2443.	1.0	23
8	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
9	Engineering Short Preorganized Peptide Sequences for Metal Ion Coordination. <i>Methods in Enzymology</i> , 2016, 580, 333-364.	0.4	1
10	Copper(II) Complexes of Phenanthroline and Histidine Containing Ligands: Synthesis, Characterization and Evaluation of their DNA Cleavage and Cytotoxic Activity. <i>Inorganic Chemistry</i> , 2016, 55, 11801-11814.	1.9	66
11	Improving the stability and inertness of Cu(II) and Cu(I) complexes with methylthiazolyl ligands by tuning the macrocyclic structure. <i>Dalton Transactions</i> , 2016, 45, 7406-7420.	1.6	31
12	Cyclams with Ambidentate Methylthiazolyl Pendants for Stable, Inert, and Selective Cu(II) Coordination. <i>Inorganic Chemistry</i> , 2016, 55, 619-632.	1.9	15
13	Investigating the Complexation of the Pb <sup>2+</sup> /Bi <sup>3+</sup> Pair with Dipicolinate Cyclen Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 7045-7057.	1.9	45
14	Stable Mn <sup>2+</sup> , Cu <sup>2+</sup> and Ln <sup>3+</sup> complexes with cyclen-based ligands functionalized with picolinate pendant arms. <i>Dalton Transactions</i> , 2015, 44, 5017-5031.	1.6	55
15	Reasons behind the Relative Abundances of Heptacoordinate Complexes along the Late First-Row Transition Metal Series. <i>Inorganic Chemistry</i> , 2014, 53, 12859-12869.	1.9	35
16	H <sub>2</sub> Me-do <sub>2</sub> pa: an attractive chelator with fast, stable and inert <sup>nat</sup> Bi <sup>3+</sup> and <sup>213</sup> Bi <sup>3+</sup> complexation for potential $\pm$ -radioimmunotherapy applications. <i>Chemical Communications</i> , 2014, 50, 12371-12374.	2.2	26
17	Monopicolinate Cross-Bridged Cyclam Combining Very Fast Complexation with Very High Stability and Inertness of Its Copper(II) Complex. <i>Inorganic Chemistry</i> , 2014, 53, 5269-5279.	1.9	51
18	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

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19	Cyclen derivatives with two trans-methylnitrophenolic pendant arms: a structural study of their copper(ii) and zinc(ii) complexes. Dalton Transactions, 2013, 42, 6149.	1.6	14
20	Di- and trinuclear copper(II) complexes of polyaza macrocycles and cryptands as anion receptors. Polyhedron, 2013, 52, 25-42.	1.0	37
21	Monopicolinate-dipicolyl Derivative of Triazacyclononane for Stable Complexation of Cu <sup>2+</sup> and <sup>64</sup> Cu <sup>2+</sup> . Inorganic Chemistry, 2013, 52, 5246-5259.	1.9	52
22	Polyaminoquinoline Iron Chelators for Vectorization of Antiproliferative Agents: Design, Synthesis, and Validation. Bioconjugate Chemistry, 2012, 23, 1952-1968.	1.8	16
23	Monopicolinate Cyclen and Cyclam Derivatives for Stable Copper(II) Complexation. Inorganic Chemistry, 2012, 51, 6916-6927.	1.9	82
24	Tris(phosphonomethyl) Cyclen Derivatives: Synthesis, Acid-Base Properties and Complexation Studies with Cu <sup>2+</sup> and Zn <sup>2+</sup> Ions. European Journal of Inorganic Chemistry, 2012, 2012, 2533-2547.	1.0	10
25	Tris(phosphonomethyl)cyclen Derivatives: Thermodynamic Stability, Kinetics, Solution Structure, and Relaxivity of Ln <sup>3+</sup> Complexes. European Journal of Inorganic Chemistry, 2012, 2012, 2548-2559.	1.0	5
26	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
27	A New Tris(phosphonomethyl) Monoacetic Acid Cyclam Derivative: Synthesis, Acid-Base and Metal Complexation Studies. European Journal of Inorganic Chemistry, 2011, 2011, 527-538.	1.0	5
28	TETA analogue containing one methylenephosphonate pendant arm: Lanthanide complexes and biological evaluation of its <sup>153</sup> Sm and <sup>166</sup> Ho complexes. European Journal of Medicinal Chemistry, 2010, 45, 5621-5627.	2.6	10
29	Cyclam derivatives containing three acetate pendant arms: synthesis, acid-base, metal complexation and structural studies. Dalton Transactions, 2008, , 6593.	1.6	18
30	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
31	13- and 14-membered macrocyclic ligands containing methylcarboxylate or methylphosphonate pendant arms: Chemical and biological evaluation of their <sup>153</sup> Sm and <sup>166</sup> Ho complexes as potential agents for therapy or bone pain palliation. Journal of Inorganic Biochemistry, 2006, 100, 270-280.	1.5	58
32	Lanthanide complexes of macrocyclic derivatives useful for medical applications. Pure and Applied Chemistry, 2005, 77, 569-579.	0.9	43
33	<sup>153</sup> Sm and <sup>166</sup> 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
34	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
35	Relevance of Palladium to Radiopharmaceutical Development Considering Enhanced Coordination Properties of TE1PA. Chemistry - A European Journal, 0, , .	1.7	0