

Lurdes Gano

List of Publications by Year in descending order

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112
papers

2,106
citations

201385

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124
all docs

124
docs citations

124
times ranked

2333
citing authors

#	ARTICLE	IF	CITATIONS
1	The HIV-1 Matrix Protein p17 Does Cross the Blood-Brain Barrier. <i>Journal of Virology</i> , 2022, 96, JVI0120021.	1.5	5
2	Gd ^{III} and Ga ^{III} complexes with a new tris-3,4-HOPO ligand as new imaging probes: complex stability, magnetic properties and biodistribution. <i>Dalton Transactions</i> , 2022, , .	1.6	2
3	In Vivo Pretargeting Based on Cysteine-Selective Antibody Modification with IEDDA Bioorthogonal Handles for Click Chemistry. <i>Bioconjugate Chemistry</i> , 2021, 32, 121-132.	1.8	20
4	Anti-HIV-1 Activity of pepRF1, a Proteolysis-Resistant CXCR4 Antagonist Derived from Dengue Virus Capsid Protein. <i>ACS Infectious Diseases</i> , 2021, 7, 6-22.	1.8	3
5	Gallium and indium complexes with new hexadentate bis(semicarbazone) and bis(thiosemicarbazone) chelators. <i>Dalton Transactions</i> , 2021, 50, 1631-1640.	1.6	10
6	Clickable Radiocomplexes With Trivalent Radiometals for Cancer Theranostics: In vitro and in vivo Studies. <i>Frontiers in Medicine</i> , 2021, 8, 647379.	1.2	5
7	Biological evaluation of new TEM1 targeting recombinant antibodies for radioimmunotherapy: In vitro, in vivo and in silico studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 233-244.	2.0	3
8	Bioconjugate Supramolecular Pd ²⁺ Metallacages Penetrate the Blood Brain Barrier <i>In Vitro</i> and <i>In Vivo</i> . <i>Bioconjugate Chemistry</i> , 2021, 32, 1399-1408.	1.8	30
9	Highly Specific Blood-Brain Barrier Transmigrating Single-Domain Antibodies Selected by an In Vivo Phage Display Screening. <i>Pharmaceutics</i> , 2021, 13, 1598.	2.0	10
10	Chemical and biological studies of Re(I)/Tc(I) thiosemicarbazonate complexes relevant for the design of radiopharmaceuticals. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110917.	1.5	12
11	Docetaxel-loaded block copolymer micelles labeled with ¹⁸⁸ Re for combined radiochemotherapy. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101898.	1.4	3
12	Dual Imaging Gold Nanoplatfoms for Targeted Radiotheranostics. <i>Materials</i> , 2020, 13, 513.	1.3	15
13	Imaging probes for non-invasive tumoral detection and functional monitoring of cancer multidrug resistance. , 2020, 3, 209-224.		1
14	New strong extrafunctionalizable tris(3,4-HP) and bis(3,4-HP) metal sequestering agents: synthesis, solution and <i>in vivo</i> metal chelation. <i>Dalton Transactions</i> , 2019, 48, 16167-16183.	1.6	15
15	A new bis-(3-hydroxy-4-pyridinone)-DTPA-derivative: Synthesis, complexation of di-/tri-valent metal cations and in vivo M ³⁺ sequestering ability. <i>Journal of Molecular Liquids</i> , 2019, 281, 280-294.	2.3	14
16	A new tripodal kojic acid derivative for iron sequestration: Synthesis, protonation, complex formation studies with Fe ³⁺ , Al ³⁺ , Cu ²⁺ and Zn ²⁺ , and in vivo bioassays. <i>Journal of Inorganic Biochemistry</i> , 2019, 193, 152-165.	1.5	22
17	Antitumour and Toxicity Evaluation of a Ru(II)-Cyclopentadienyl Complex in a Prostate Cancer Model by Imaging Tools. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 1262-1275.	0.9	13
18	Radiopharmacy: An update. , 2019, , .		0

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19	A new tripodal-3-hydroxy-4-pyridinone for iron and aluminium sequestration: synthesis, complexation and <i>in vivo</i> studies. <i>New Journal of Chemistry</i> , 2018, 42, 8050-8061.	1.4	13
20	Establishment of a bioluminescent canine B-cell lymphoma xenograft model for monitoring tumor progression and treatment response in preclinical studies. <i>PLoS ONE</i> , 2018, 13, e0208147.	1.1	6
21	New bis-(3-hydroxy-4-pyridinone)-NTA-derivative: Synthesis, binding ability towards Ca ²⁺ , Cu ²⁺ , Zn ²⁺ , Al ³⁺ , Fe ³⁺ and biological assays. <i>Journal of Molecular Liquids</i> , 2018, 272, 609-624.	2.3	12
22	Bifunctional 3-hydroxy-4-pyridinones as effective aluminium chelators: synthesis, solution equilibrium studies and <i>in vivo</i> evaluation. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 116-129.	1.5	13
23	The histone deacetylase inhibitor panobinostat is a potent antitumor agent in canine diffuse large B-cell lymphoma. <i>Oncotarget</i> , 2018, 9, 28586-28598.	0.8	24
24	Synthesis and Biological Evaluation of Novel Aryl Benzimidazoles as Chemotherapeutic Agents. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 255-267.	1.4	11
25	Novel Peptides Derived from Dengue Virus Capsid Protein Translocate Reversibly the Blood-Brain Barrier through a Receptor-Free Mechanism. <i>ACS Chemical Biology</i> , 2017, 12, 1257-1268.	1.6	33
26	<i>In vitro/in vivo</i> peeling of multilayered aminocarboxylate gold nanoparticles evidenced by a kinetically stable ^{99m} Tc-label. <i>Dalton Transactions</i> , 2017, 46, 14572-14583.	1.6	11
27	A Multifunctional Radiotheranostic Agent for Dual Targeting of Breast Cancer Cells. <i>ChemMedChem</i> , 2017, 12, 1103-1107.	1.6	12
28	Albumin-binding domain from <i>Streptococcus zooepidemicus</i> protein Zag as a novel strategy to improve the half-life of therapeutic proteins. <i>Journal of Biotechnology</i> , 2017, 253, 23-33.	1.9	14
29	<i>In vitro</i> and <i>in vivo</i> trackable titanocene-based complexes using optical imaging or SPECT. <i>Dalton Transactions</i> , 2017, 46, 14548-14555.	1.6	12
30	Radiolabeled block copolymer micelles for image-guided drug delivery. <i>International Journal of Pharmaceutics</i> , 2016, 515, 692-701.	2.6	7
31	Fluorinated steroids and their derivatives. <i>Journal of Fluorine Chemistry</i> , 2016, 185, 48-85.	0.9	18
32	Interrogating the Role of Receptor-Mediated Mechanisms: Biological Fate of Peptide-Functionalized Radiolabeled Gold Nanoparticles in Tumor Mice. <i>Bioconjugate Chemistry</i> , 2016, 27, 1153-1164.	1.8	31
33	Novel ¹⁸⁸ Re multi-functional bone-seeking compounds: Synthesis, biological and radiotoxic effects in metastatic breast cancer cells. <i>Nuclear Medicine and Biology</i> , 2016, 43, 150-157.	0.3	11
34	Synthesis, characterization and biological evaluation of a ⁶⁷ Ga-labeled (1-6-Tyr)Ru(1-5-Cp) peptide complex with the HAV motif. <i>Journal of Inorganic Biochemistry</i> , 2016, 160, 189-197.	1.5	7
35	Hydroxypyridinones with enhanced iron chelating properties. Synthesis, characterization and <i>in vivo</i> tests of 5-hydroxy-2-(hydroxymethyl)pyridine-4(1H)-one. <i>Dalton Transactions</i> , 2016, 45, 6517-6528.	1.6	27
36	Improvement of the pharmacological properties of amidated kyotorphin by means of iodination. <i>MedChemComm</i> , 2016, 7, 906-913.	3.5	3

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37	New estradiol based ¹¹¹ In complex towards the estrogen receptor. <i>Radiochimica Acta</i> , 2015, 103, .	0.5	0
38	Chemical, radiochemical and biological studies of new gallium(III) complexes with hexadentate chelators. <i>Dalton Transactions</i> , 2015, 44, 3342-3355.	1.6	4
39	Isostructural Re(^{99m} Tc) tricarbonyl complexes for cancer theranostics. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5182-5194.	1.5	18
40	Novel Heterobimetallic Radiotheranostic: Preparation, Activity, and Biodistribution. <i>ChemMedChem</i> , 2014, 9, 1567-1573.	1.6	14
41	Searching for new aluminium chelating agents: A family of hydroxypyrrone ligands. <i>Journal of Inorganic Biochemistry</i> , 2014, 130, 112-121.	1.5	28
42	Biodistribution of a ⁶⁷ Ga-labeled anti-TNF VHH single-domain antibody containing a bacterial albumin-binding domain (Zag). <i>Nuclear Medicine and Biology</i> , 2014, 41, e44-e48.	0.3	16
43	Re(I) and ^{99m} Tc(I) tricarbonyl complexes with ether-containing pyrazolyl-based chelators: Chemistry, biodistribution and metabolism. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 138-148.	0.8	6
44	Biological assessment of novel bisphosphonate-containing ^{99m} Tc/Re-organometallic complexes. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 197-204.	0.8	14
45	A ^{99m} Tc(CO) ₃ -labeled benzylguanidine with persistent heart uptake. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 358-364.	0.5	2
46	Progesterone receptor targeting with radiolabelled steroids: An approach in predicting breast cancer response to therapy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 137, 223-241.	1.2	17
47	Radiosynthesis and in vivo evaluation of a ¹⁸ F-labelled styryl-benzoxazole derivative for β -amyloid targeting. <i>Applied Radiation and Isotopes</i> , 2013, 82, 100-104.	0.7	0
48	Target-specific Tc(CO) ₃ -complexes for in vivo imaging. <i>Journal of Organometallic Chemistry</i> , 2013, 744, 125-139.	0.8	36
49	Mono- and dicationic Re(I)/ ^{99m} Tc(I) tricarbonyl complexes for the targeting of energized mitochondria. <i>Journal of Inorganic Biochemistry</i> , 2013, 123, 34-45.	1.5	19
50	A novel tripodal tris-hydroxypyrimidinone sequestering agent for trivalent hard metal ions: synthesis, complexation and in vivo studies. <i>Dalton Transactions</i> , 2013, 42, 6033-6045.	1.6	12
51	Studies of the myocardial uptake and excretion mechanisms of a novel ^{99m} Tc heart perfusion agent. <i>Nuclear Medicine and Biology</i> , 2012, 39, 207-213.	0.3	20
52	Radiohalogenated 4-anilinoquinazoline-based EGFR-TK inhibitors as potential cancer imaging agents. <i>Nuclear Medicine and Biology</i> , 2012, 39, 247-260.	0.3	12
53	Synthesis, in silico, in vitro, and in vivo investigation of 5-[¹¹ C]methoxy-substituted sunitinib, a tyrosine kinase inhibitor of VEGFR-2. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 272-280.	2.6	27
54	Novel ¹⁷⁷ Lu-alkoxy- ¹⁷⁷ Lu-(4-halophenylethynyl)estradiols as potential SPECT/PET imaging agents for estrogen receptor expressing tumours: Synthesis and binding affinity evaluation. <i>Steroids</i> , 2012, 77, 1123-1132.	0.8	13

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73	New tripodal hydroxypyridinone based chelating agents for Fe(III), Al(III) and Ga(III): Synthesis, physico-chemical properties and bioevaluation. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 262-273.	1.5	50
74	Combined chelation of bi-functional bis-hydroxypyridinone and mono-hydroxypyridinone: Synthesis, solution and in vivo evaluation. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 288-298.	1.5	17
75	Combined chelation based on glycosyl-mono- and bis-hydroxypyridinones for aluminium mobilization: Solution and biodistribution studies. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1521-1529.	1.5	15
76	Influence of the ligand donor atoms on the in vitro stability of rhenium(I) and technetium (I)-99m complexes with pyrazole-containing chelators: Experimental and DFT studies. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 950-958.	0.8	19
77	Radioiodinated ligands for the estrogen receptor: Effect of different 7-cyanoalkyl chains on the binding affinity of novel iodovinyl-6-dehydroestradiols. <i>Applied Radiation and Isotopes</i> , 2009, 67, 301-307.	0.7	6
78	A novel tetraazamacrocycle bearing a thiol pendant arm for labeling biomolecules with radiolanthanides. <i>Dalton Transactions</i> , 2009, , 4509.	1.6	24
79	Tris(pyrazolyl)methane ^{99m} Tc tricarbonyl complexes for myocardial imaging. <i>Dalton Transactions</i> , 2009, , 603-606.	1.6	33
80	Evaluation of Novel Radioiodinated C7-substituted ¹²⁵ I-6,7-estradiol Derivatives for Molecular Recognition of ER-Positive Breast Tumours. <i>Current Radiopharmaceuticals</i> , 2009, 2, 83-91.	0.3	8
81	Synthesis, characterization, and evaluation of a novel ^{99m} Tc(CO) ₃ pyrazolyl conjugate of a peptide nucleic acid sequence. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 1335-1344.	1.1	25
82	Chemical and biological evaluation of ¹⁵³ Sm and ¹⁶⁶ Ho complexes of 1,4,7,10-tetraazacyclododecane-1,4,7,10-tetrakis(methylphosphonic acid monoethylester) (H ₄ dotpOEt). <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1531-1540.	1.5	27
83	A New Approach for Potential Combined Chelation Therapy Using Mono- and Bis-Hydroxypyridinones. <i>Hemoglobin</i> , 2008, 32, 147-156.	0.4	7
84	Radiochemical and biological behaviour of ¹⁵³ Sm and ¹⁶⁶ Ho complexes anchored by a novel bis(methylphosphonate) tetraazamacrocycle. <i>Radiochimica Acta</i> , 2007, 95, .	0.5	13
85	Biological evaluation of ¹⁵³ Sm and ¹⁶⁶ Ho complexes with tetraazamacrocycles containing methylcarboxylate and/or methylphosphonate pendant arms. <i>Radiochimica Acta</i> , 2007, 95, .	0.5	7
86	Rhenium and technetium tricarbonyl complexes anchored by pyrazole-based tripods: novel lead structures for the design of myocardial imaging agents. <i>Dalton Transactions</i> , 2007, , 3010.	1.6	56
87	In Vitro and In Vivo Evaluation of a Novel ^{99m} Tc(CO) ₃ -Pyrazolyl Conjugate of cyclo-(Arg-Gly-Asp-d-Tyr-Lys). <i>Bioconjugate Chemistry</i> , 2007, 18, 530-537.	1.8	63
88	Radioiodination of new EGFR inhibitors as potential SPECT agents for molecular imaging of breast cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3974-3980.	1.4	32
89	A new bisphosphonate-containing ^{99m} Tc(I) tricarbonyl complex potentially useful as bone-seeking agent: synthesis and biological evaluation. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 667-679.	1.1	45
90	Radiolanthanide complexes with tetraazamacrocycles bearing methylphosphonate pendant arms as bone seeking agents. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 51, 6-15.	0.4	9

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91	Lymphatic uptake of lipid nanoparticles following endotracheal administration. <i>Journal of Microencapsulation</i> , 2006, 23, 855-862.	1.2	47
92	Synthesis and biological evaluation of tricarbonyl Re(I) and Tc(I) complexes anchored by poly(azolyl)borates: application on the design of radiopharmaceuticals for the targeting of 5-HT1A receptors. <i>Journal of Biological Inorganic Chemistry</i> , 2006, 11, 769-782.	1.1	30
93	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. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 270-280.	1.5	58
94	Synthesis and biodistribution studies of two novel radioiodinated areno-annelated estra-1,3,5(10),16-tetraene-3-ols as promising estrogen receptor radioligands. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2006, 49, 559-569.	0.5	6
95	N-Arylamine derivatives of 3-hydroxy-4-pyridinones: solution studies and bioevaluation in view of Al-detoxification roles. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 413-419.	1.9	5
96	Bis(3-hydroxy-4-pyridinone)-EDTA derivative as a potential therapeutic Al-chelating agent. Synthesis, solution studies and biological assays. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1845-1852.	1.5	21
97	Bifunctional 3-hydroxy-4-pyridinone derivatives as potential pharmaceuticals: synthesis, complexation with Fe(III), Al(III) and Ga(III) and in vivo evaluation with ⁶⁷ Ga. <i>Journal of Biological Inorganic Chemistry</i> , 2005, 10, 564-580.	1.1	46
98	Radiopharmaceuticals for targeted radiotherapy. <i>Radiation Protection Dosimetry</i> , 2005, 116, 601-604.	0.4	10
99	Pyrazolyl Derivatives as Bifunctional Chelators for Labeling Tumor-Seeking Peptides with the fac-[M(CO) ₃]+Moiety (M = ^{99m} Tc, Re): Synthesis, Characterization, and Biological Behavior. <i>Bioconjugate Chemistry</i> , 2005, 16, 438-449.	1.8	67
100	Dramatic Effect of the Tridentate Ligand on the Stability of ^{99m} Tc "3 + 1" Oxo Complexes Bearing Arylpiperazine Derivatives. <i>Bioconjugate Chemistry</i> , 2005, 16, 660-668.	1.8	27
101	¹⁵³ Sm and ¹⁶⁶ Ho complexes with tetraaza macrocycles containing pyridine and methylcarboxylate or methylphosphonate pendant arms. <i>Journal of Biological Inorganic Chemistry</i> , 2004, 9, 859-872.	1.1	23
102	A new bis(3-hydroxy-4-pyridinone)-IDA derivative as a potential therapeutic chelating agent. Synthesis, metal-complexation and biological assays. <i>Dalton Transactions</i> , 2004, , 3772-3781.	1.6	45
103	Synthesis and biological evaluation of silylated mixed-ligand ^{99m} Tc complexes with the [PNS/S] donor atom set. <i>Nuclear Medicine and Biology</i> , 2004, 31, 785-793.	0.3	12
104	Alkylaryl-amino derivatives of 3-hydroxy-4-pyridinones as aluminium chelating agents with potential clinical application. <i>Journal of Inorganic Biochemistry</i> , 2003, 97, 161-172.	1.5	25
105	Synthesis, characterization and biodistribution of bisphosphonates Sm-153 complexes: correlation with molecular modeling interaction studies. <i>Nuclear Medicine and Biology</i> , 2002, 29, 329-338.	0.3	77
106	N-Carboxyalkyl derivatives of 3-hydroxy-4-pyridinones: synthesis, complexation with Fe(III), Al(III) and Ga(III) and in vivo evaluation. <i>Journal of Inorganic Biochemistry</i> , 2002, 92, 43-54.	1.5	55
107	Synthesis and biological evaluation of two new radiolabelled estrogens: [¹²⁵ I](E)-3-methoxy-17 β -iodovinylestra-1,3,5(10),6-tetraen-17 β -ol and [¹²⁵ I](Z)-3-methoxy-17 β -iodovinylestra-1,3,5(10),6-tetraen-17 β -ol. <i>Applied Radiation and Isotopes</i> , 2001, 54, 227-239.	0.7	34
108	Tc Oxocomplexes with the PNO/S and PNS/S donor atom sets: Labelling of a 5HT1A receptor - binding ligand. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2001, 44, S518-S520.	0.5	4

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109	Synthesis, chelating properties towards gallium and biological evaluation of two N-substituted 3-hydroxy-4-pyridinones. <i>Journal of Inorganic Biochemistry</i> , 2000, 78, 303-311.	1.5	32
110	Synthesis, characterization, and biodistribution of oxo complexes of technetium-99m with biguanide and N1-Substituted ligands. <i>Nuclear Medicine and Biology</i> , 1999, 26, 79-83.	0.3	7
111	Human Polyclonal Immunoglobulin Labelled with Technetium-99m via NHS-MAG3: A Comparison of Radiochemical Behavior and Biological Efficacy with Other Labelling Methods. <i>Nuclear Medicine and Biology</i> , 1998, 25, 395-403.	0.3	9
112	Radiopharmaceuticals for renal studies: Evaluation of protein binding. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1989, 132, 171-178.	0.7	9