

Sara Lacerda

List of Publications by Year in descending order

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38
papers

633
citations

623699

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25
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41
all docs

41
docs citations

41
times ranked

1034
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal complexes for the visualisation of amyloid peptides. <i>Sensors & Diagnostics</i> , 2022, 1, 627-647.	3.8	4
2	On the Versatility of Nanozeolite Linde Type L for Biomedical Applications: Zirconium-89 Radiolabeling and In Vivo Positron Emission Tomography Study. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 32788-32798.	8.0	2
3	Concentration-Dependent Interactions of Amphiphilic PiB Derivative Metal Complexes with Amyloid Peptides A β 2 and Amylin**. <i>Chemistry - A European Journal</i> , 2021, 27, 2009-2020.	3.3	6
4	Concentration-Dependent Interactions of Amphiphilic PiB Derivative Metal Complexes with Amyloid Peptides A β 2 and Amylin**. <i>Chemistry - A European Journal</i> , 2021, 27, 1864-1864.	3.3	0
5	Doxorubicin-Sensitized Luminescence of NIR-Emitting Ytterbium Liposomes: Towards Direct Monitoring of Drug Release. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23574-23577.	13.8	7
6	Doxorubicin-Sensitized Luminescence of NIR-Emitting Ytterbium Liposomes: Towards Direct Monitoring of Drug Release. <i>Angewandte Chemie</i> , 2021, 133, 23766.	2.0	1
7	MRI relaxation agents based on transition metals. <i>Advances in Inorganic Chemistry</i> , 2021, 78, 109-142.	1.0	2
8	Imaging of Dysfunctional Elastogenesis in Atherosclerosis Using an Improved Gadolinium-Based Tetrameric MRI Probe Targeted to Tropoelastin. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15250-15261.	6.4	2
9	Tropoelastin: an in vivo imaging marker of dysfunctional matrix turnover during abdominal aortic dilation. <i>Cardiovascular Research</i> , 2020, 116, 995-1005.	3.8	10
10	Dual Imaging Gold Nanoplatforms for Targeted Radiotheranostics. <i>Materials</i> , 2020, 13, 513.	2.9	15
11	Unprecedented Kinetic Inertness for a Mn ²⁺ -Bispidine Chelate: A Novel Structural Entry for Mn ²⁺ -Based Imaging Agents. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11958-11963.	13.8	53
12	Tropoelastin: A New Imaging Biomarker Of Dysfunctional Extracellular Matrix Remodelling In Atherosclerosis And Aortic Aneurysm. <i>Atherosclerosis</i> , 2019, 287, e49-e50.	0.8	0
13	Molecular Probes for Magnetic Resonance Imaging of Amyloid β 2 Peptides. , 2018, , .		0
14	Targeted Contrast Agents for Molecular MRI. <i>Inorganics</i> , 2018, 6, 129.	2.7	9
15	Tropoelastin. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, .	2.6	25
16	A cocktail of ¹⁶⁵ Er(ⁱⁱⁱ) and Gd(ⁱⁱⁱ) complexes for quantitative detection of zinc using SPECT and MRI. <i>Chemical Communications</i> , 2018, 54, 7597-7600.	4.1	16
17	Lanthanide Complexes in Molecular Magnetic Resonance Imaging and Theranostics. <i>ChemMedChem</i> , 2017, 12, 883-894.	3.2	39
18	Metal complexes for multimodal imaging of misfolded protein-related diseases. <i>Dalton Transactions</i> , 2017, 46, 14461-14474.	3.3	10

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19	Gadolinium and Platinum in Tandem: Real-time Multi-Modal Monitoring of Drug Delivery by MRI and Fluorescence Imaging. <i>Nanotheranostics</i> , 2017, 1, 186-195.	5.2	11
20	Prototypes of Lanthanide(III) Agents Responsive to Enzymatic Activities in Three Complementary Imaging Modalities: Visible/Near-Infrared Luminescence, PARACEST-, and T ₁ -MRI. <i>Journal of the American Chemical Society</i> , 2016, 138, 2913-2916.	13.7	33
21	Interaction of PiB-Derivative Metal Complexes with Beta-Amyloid Peptides: Selective Recognition of the Aggregated Forms. <i>Chemistry - A European Journal</i> , 2015, 21, 5413-5422.	3.3	28
22	Development of a tropoelastin-binding MR contrast agent for in vivo imaging of impaired elastogenesis in atherosclerosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, O102.	3.3	1
23	X-ray-induced radiophotodynamic therapy (RPDT) using lanthanide micelles: Beyond depth limitations. <i>Nano Research</i> , 2015, 8, 2373-2379.	10.4	77
24	In Vivo Assessment of Aortic Aneurysm Wall Integrity Using Elastin-Specific Molecular Magnetic Resonance Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 679-689.	2.6	43
25	Lanthanide-Based, Near-Infrared Luminescent and Magnetic Lipoparticles: Monitoring Particle Integrity. <i>Small</i> , 2013, 9, 2662-2666.	10.0	10
26	Molecular MRI of Atherosclerosis. <i>Molecules</i> , 2013, 18, 14042-14069.	3.8	26
27	Chemical, radiochemical and biological studies of Sm and Ho complexes of H ₄ dota analogues containing one methylphosphonic/phosphinic acid pendant arm. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2010, 53, 36-43.	1.0	13
28	Lanthanide(III) Complexes of 4,10-Bis(phosphonomethyl)-1,4,7,10-tetraazacyclododecane-1,7-diacetic acid (<i>trans</i> -H ₆ do2a2p) in Solution and in the Solid State: Structural Studies Along the Series. <i>Chemistry - A European Journal</i> , 2010, 16, 8446-8465.	3.3	44
29	Structure-based discovery of antivirals targeting the proteases of RNA viruses. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, s33-s33.	0.3	0
30	A novel tetraazamacrocycle bearing a thiol pendant arm for labeling biomolecules with radiolanthanides. <i>Dalton Transactions</i> , 2009, , 4509.	3.3	24
31	Radiochemical and biological behaviour of ¹⁵³ Sm and ¹⁶⁶ Ho complexes anchored by a novel bis(methylphosphonate) tetraazamacrocycle. <i>Radiochimica Acta</i> , 2007, 95, .	1.2	13
32	Biological evaluation of ¹⁵³ Sm and ¹⁶⁶ Ho complexes with tetraazamacrocycles containing methylcarboxylate and/or methylphosphonate pendant arms. <i>Radiochimica Acta</i> , 2007, 95, .	1.2	7
33	Study of the cyclen derivative 2-[1,4,7,10-tetraazacyclododecan-1-yl]-ethanethiol and its complexation behaviour towards d-transition metal ions. <i>Polyhedron</i> , 2007, 26, 3763-3773.	2.2	19
34	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.	0.7	9
35	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.	3.5	58
36	A N,N'-diacetate benzodioxotetraazamacrocycle and its transition metal complexes. <i>Polyhedron</i> , 2005, 24, 451-461.	2.2	5

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37	Radiopharmaceuticals for targeted radiotherapy. Radiation Protection Dosimetry, 2005, 116, 601-604.	0.8	10
38	Interactions of selected flavonoids with NaDS micelles. , 0, , 73-77.		0