

MarÃ-a de Guadalupe Jaraquemada-Pel

List of Publications by Year in descending order

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31
papers

524
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times ranked

582
citing authors

#	ARTICLE	IF	CITATIONS
1	²²⁵ Ac-H ₄ py ₄ pa for Targeted Alpha Therapy. <i>Bioconjugate Chemistry</i> , 2021, 32, 1348-1363.	1.8	42
2	Functionally Versatile and Highly Stable Chelator for ¹¹¹ In and ¹⁷⁷ Lu: Proof-of-Principle Prostate-Specific Membrane Antigen Targeting. <i>Bioconjugate Chemistry</i> , 2019, 30, 1539-1553.	1.8	40
3	<i>p</i> -NO ₂ -Bn-H ₄ neunpa and H ₄ neunpa-Trastuzumab: Bifunctional Chelator for Radiometal pharmaceuticals and ¹¹¹ In Immuno-Single Photon Emission Computed Tomography Imaging. <i>Bioconjugate Chemistry</i> , 2017, 28, 2145-2159.	1.8	37
4	H ₄ octox: Versatile Bimodal Octadentate Acyclic Chelating Ligand for Medicinal Inorganic Chemistry. <i>Journal of the American Chemical Society</i> , 2018, 140, 15487-15500.	6.6	32
5	Dipicolinate Complexes of Gallium(III) and Lanthanum(III). <i>Inorganic Chemistry</i> , 2016, 55, 12544-12558.	1.9	31
6	Development of PMMA membranes functionalized with hydroxypropyl- β -cyclodextrins for controlled drug delivery using a supercritical CO ₂ -assisted technology. <i>International Journal of Pharmaceutics</i> , 2009, 376, 110-115.	2.6	29
7	H ₂ hox: Dual-Channel Oxine-Derived Acyclic Chelating Ligand for ⁶⁸ Ga Radiopharmaceuticals. <i>Inorganic Chemistry</i> , 2019, 58, 2275-2285.	1.9	28
8	Hydroxypyridinones with enhanced iron chelating properties. Synthesis, characterization and in vivo tests of 5-hydroxy-2-(hydroxymethyl)pyridine-4(1H)-one. <i>Dalton Transactions</i> , 2016, 45, 6517-6528.	1.6	27
9	H ₄ octapa: synthesis, solution equilibria and complexes with useful radiopharmaceutical metal ions. <i>Dalton Transactions</i> , 2017, 46, 14647-14658.	1.6	27
10	[^{nat/44} Sc(pypa)] ⁺ : Thermodynamic Stability, Radiolabeling, and Biodistribution of a Prostate-Specific-Membrane-Antigen-Targeting Conjugate. <i>Inorganic Chemistry</i> , 2020, 59, 1985-1995.	1.9	23
11	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
12	Metal coordination and tyrosinase inhibition studies with Kojic- β -Ala-Kojic. <i>Journal of Inorganic Biochemistry</i> , 2015, 151, 36-43.	1.5	18
13	Zinc(II) and copper(II) complexes with hydroxypyronone iron chelators. <i>Journal of Inorganic Biochemistry</i> , 2015, 151, 94-106.	1.5	15
14	H ₂ CHXhox: Rigid Cyclohexane-Reinforced Nonmacrocyclic Chelating Ligand for [^{nat/67/68} Ga]Ga ³⁺ . <i>Inorganic Chemistry</i> , 2020, 59, 4895-4908.	1.9	15
15	Chelation in One Fell Swoop: Optimizing Ligands for Smaller Radiometal Ions. <i>Inorganic Chemistry</i> , 2020, 59, 5728-5741.	1.9	15
16	Phosphonate Chelators for Medicinal Metal Ions. <i>Inorganic Chemistry</i> , 2021, 60, 5343-5361.	1.9	15
17	Evaluation of the Tetrakis(3-Hydroxy-4-Pyridinone) Ligand THPN with Zirconium(IV): Thermodynamic Solution Studies, Bifunctionalization, and in Vivo Assessment of Macromolecular ⁸⁹ Zr-THPN-Conjugates. <i>Inorganic Chemistry</i> , 2019, 58, 14667-14681.	1.9	13
18	Coordination chemistry of [Y(pypa)] ⁺ and comparison immuno-PET imaging of [^{nat/44} Sc]Sc- and [^{nat/86} Y]Y-pypa-phenyl-TRC105. <i>Dalton Transactions</i> , 2020, 49, 5547-5562.	1.6	12

#	ARTICLE	IF	CITATIONS
19	Getting a lead on Pb ²⁺ -amide chelators for ²⁰³ Pb radiopharmaceuticals. Dalton Transactions, 2021, 50, 11579-11595.	1.6	12
20	Equilibrium studies of new bis-hydroxypyrrone derivatives with Fe ³⁺ , Al ³⁺ , Cu ²⁺ and Zn ²⁺ . Journal of Inorganic Biochemistry, 2018, 189, 103-114.	1.5	11
21	Di- and Trivalent Metal-Ion Solution Studies with the Phosphinate-Containing Heterocycle DEDA-(PO). Inorganic Chemistry, 2017, 56, 10155-10161.	1.9	10
22	H ₂ ampaa ²⁻ Versatile Chelator for [²⁰³ Pb]Pb ²⁺ , [²¹³ Bi]Bi ³⁺ , and [²²⁵ Ac]Ac ³⁺ . Inorganic Chemistry, 2022, 61, 9119-9137.	1.9	9
23	High denticity oxinate-linear-backbone chelating ligand for diagnostic radiometal ions [¹¹¹ In]In ³⁺ and [⁸⁹ Zr]Zr ⁴⁺ . Dalton Transactions, 2021, 50, 3874-3886.	1.6	7
24	[^{nat} / ⁸⁹ Zr][Zr(pyppa)]: Thermodynamically Stable and Kinetically Inert Binary Nonadentate Complex for Radiopharmaceutical Applications. Inorganic Chemistry, 2021, 60, 18082-18093.	1.9	7
25	Complex formation equilibria of Cu ²⁺ and Zn ²⁺ with Irbesartan and Losartan. European Journal of Pharmaceutical Sciences, 2017, 97, 158-169.	1.9	6
26	H ₂ pyhox ⁴⁻ Octadentate Bis(pyridyloxine). Inorganic Chemistry, 2021, 60, 12186-12196.	1.9	6
27	Rapid Thermodynamically Stable Complex Formation of [^{nat} / ¹¹¹ In]In ³⁺ , [^{nat} / ⁹⁰ Y]Y ³⁺ , and [^{nat} / ¹⁷⁷ Lu]Lu ³⁺ with H ₆ dappa. Inorganic Chemistry, 2020, 59, 7238-7251.	1.9	5
28	H ₄ HBEDpa: Octadentate Chelate after A. E. Martell. Inorganic Chemistry, 2021, 60, 12855-12869.	1.9	5
29	Looking at new ligands for chelation therapy. New Journal of Chemistry, 2018, 42, 8021-8034.	1.4	3
30	Metal ion size profoundly affects H ₃ glyox chelate chemistry. RSC Advances, 2021, 11, 15663-15674.	1.7	2
31	Bis(amido)bis(oxinate)diamine Ligands for theranostic radiometals. Journal of Inorganic Biochemistry, 2022, 231, 111789.	1.5	0