

M Teresa Albelda Gimeno

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,578
citations

331538

21
h-index

302012

39
g-index

52
all docs

52
docs citations

52
times ranked

2172
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral nanotechnology. <i>Chirality</i> , 2005, 17, 404-420.	1.3	171
2	Intravenously Delivered Mesenchymal Stem Cells. <i>Circulation Research</i> , 2017, 120, 1598-1613.	2.0	142
3	Supramolecular complexation for environmental control. <i>Chemical Society Reviews</i> , 2012, 41, 3859.	18.7	126
4	Thermodynamics and fluorescence emission studies on potential molecular chemosensors for ATP recognition in aqueous solution. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 2545-2549.	0.9	93
5	Open-Chain Polyamine Ligands Bearing an Anthracene Unit. Chemosensors for Logic Operations at the Molecular Level. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 405-412.	1.0	80
6	Modulation of DNA Binding by Reversible Metal-Controlled Molecular Reorganizations of Scorpion-like Ligands. <i>Journal of the American Chemical Society</i> , 2012, 134, 9644-9656.	6.6	78
7	Synthesis and H ⁺ , Cu ²⁺ , and Zn ²⁺ Coordination Behavior of a Bis(fluorophoric) Bibrachial Lariat Aza-Crown. <i>Inorganic Chemistry</i> , 2004, 43, 6114-6122.	1.9	62
8	Intramolecular Excimer Formation in a Tripodal Polyamine Receptor Containing Three Naphthalene Fluorophores. <i>Journal of Physical Chemistry B</i> , 2003, 107, 6573-6578.	1.2	57
9	Potentiometric, NMR, and Fluorescence-Emission Studies on the Binding of Adenosine 5'-Triphosphate (ATP) by Open-Chain Polyamine Receptors Containing Naphthylmethyl and/or Anthrylmethyl Groups. <i>Helvetica Chimica Acta</i> , 2003, 86, 3118-3135.	1.0	53
10	Spectroscopy and Coordination Chemistry of a New Bisnaphthalene-Bisphenanthroline Ligand Displaying a Sensing Ability for Metal Cations. <i>Inorganic Chemistry</i> , 2005, 44, 7449-7458.	1.9	51
11	Polyamines containing naphthyl groups as pH-regulated molecular machines driven by light. <i>Chemical Communications</i> , 2001, , 1520-1521.	2.2	48
12	Long Range Electron Transfer Quenching in Polyamine Chains Bearing a Terminal Naphthalene Unit. <i>Journal of Physical Chemistry A</i> , 2002, 106, 8207-8212.	1.1	47
13	Energetics and Dynamics of Naphthalene Polyaminic Derivatives. Influence of Structural Design in the Balance Static vs Dynamic Excimer Formation. <i>Journal of Physical Chemistry A</i> , 2003, 107, 11307-11318.	1.1	37
14	Switching from intramolecular energy transfer to intramolecular electron transfer by the action of pH and Zn ²⁺ co-ordination. <i>Chemical Physics Letters</i> , 2002, 353, 63-68.	1.2	35
15	Molecular Recognition of Nucleotides in Water by Scorpion-Type Receptors Based on Nucleobase Discrimination. <i>Chemistry - A European Journal</i> , 2014, 20, 3730-3741.	1.7	31
16	Studies on the interaction of phosphate anions with N-functionalised polyaza[n]paracyclophanes: the role of N-methylation. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 816-820.	1.5	29
17	Dramatic selectivity differences in the association of DNA and RNA models with new ethylene- and propylene diamine derivatives and their copper complexes. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 1755-1759.	1.5	26
18	Modified lipoproteins as contrast agents for imaging of atherosclerosis. <i>Contrast Media and Molecular Imaging</i> , 2007, 2, 16-23.	0.4	25

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19	Supramolecular interactions of hexacyanocobaltate(III) with polyamine receptors containing a terminal anthracene sensor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 159, 253-258.	2.0	24
20	Diazatetraester 1 <i>H</i> -Pyrazole Crowns as Fluorescent Chemosensors for AMPH, METH, MDMA (Ecstasy), and Dopamine. <i>Organic Letters</i> , 2008, 10, 5099-5102.	2.4	24
21	Scorpiand-like azamacrocycles prevent the chronic establishment of <i>Trypanosoma cruzi</i> in a murine model. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 189-198.	2.6	23
22	Polyamine Linear Chains Bearing Two Identical Terminal Aromatic Units. Evidence for a Photo Induced Bending Movement. <i>Supramolecular Chemistry</i> , 2001, 13, 435-445.	1.5	22
23	Cu ²⁺ and AMP complexation of enlarged tripodal polyamines. <i>Dalton Transactions</i> , 2006, , 4474-4481.	1.6	21
24	Synthesis and coordination properties of an azamacrocyclic Zn(II) chemosensor containing pendent methyl-naphthyl groups. <i>Dalton Transactions</i> , 2008, , 6530.	1.6	21
25	Ground and excited state properties of polyamine chains bearing two terminal naphthalene units. <i>Perkin Transactions II RSC</i> , 2002, , 991-998.	1.1	19
26	Preparation of Hg ²⁺ selective fluorescent chemosensors based on surface modified core-shell aluminosilicate nanoparticles. <i>New Journal of Chemistry</i> , 2010, 34, 567.	1.4	18
27	Lanthanide complexes as imaging agents anchored on nano-sized particles of boehmite. <i>Dalton Transactions</i> , 2011, 40, 6451.	1.6	18
28	One-pot preparation of surface modified boehmite nanoparticles with rare-earth cyclen complexes. <i>Chemical Communications</i> , 2007, , 3392.	2.2	17
29	Aza-Macrocyclic Triphenylamine Ligands for G-Quadruplex Recognition. <i>Chemistry - A European Journal</i> , 2018, 24, 10850-10858.	1.7	17
30	Interactions of diaryl-polyamines with nucleic acids. Allosteric effects with dinuclear copper complexes. <i>Tetrahedron Letters</i> , 2002, 43, 7801-7803.	0.7	15
31	Surface-enhanced Raman study of the interactions between tripodal cationic polyamines and polynucleotides. <i>Analyst</i> , 2011, 136, 3185.	1.7	14
32	Visualizing the atherosclerotic plaque: a chemical perspective. <i>Chemical Society Reviews</i> , 2014, 43, 2858-2876.	18.7	14
33	Acid-base properties of functionalised tripodal polyamines and their interaction with nucleotides and nucleic acids. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2567.	1.5	13
34	Multimodality imaging demonstrates trafficking of liposomes preferentially to ischemic myocardium. <i>Cardiovascular Revascularization Medicine</i> , 2016, 17, 106-112.	0.3	13
35	In vitro antileishmanial activity of aza-scorpiand macrocycles. Inhibition of the antioxidant enzyme iron superoxide dismutase. <i>RSC Advances</i> , 2016, 6, 17446-17455.	1.7	13
36	Simple dialkyl pyrazole-3,5-dicarboxylates show <i>in vitro</i> and <i>in vivo</i> activity against disease-causing trypanosomatids. <i>Parasitology</i> , 2017, 144, 1133-1143.	0.7	13

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37	Biologics and Cardiovascular Disease. Journal of Cardiovascular Pharmacology, 2018, 72, 77-85.	0.8	11
38	Development of Polyamine-Substituted Triphenylamine Ligands with High Affinity and Selectivity for G-Quadruplex DNA. ChemBioChem, 2020, 21, 1167-1177.	1.3	11
39	Anti-angiogenic drug loaded liposomes: Nanotherapy for early atherosclerotic lesions in mice. PLoS ONE, 2018, 13, e0190540.	1.1	9
40	New Insight to the Chemistry of Polyaza[n]paracyclophanes. A 15N NMR Study. Journal of Organic Chemistry, 2001, 66, 7505-7510.	1.7	8
41	Fluorescent Type II Materials from Naphthylmethyl Polyamine Precursors. Supramolecular Chemistry, 2004, 16, 573-580.	1.5	6
42	Protonation, coordination chemistry, cyanometallate supercomplex formation and fluorescence chemosensing properties of a bis(2,2'-bipyridino)cyclophane receptor. Dalton Transactions, 2014, 43, 2437-2447.	1.6	6
43	Macrocyclic Pycen-Based Gd ³⁺ Complex with High Relaxivity and pH Response. Inorganic Chemistry, 2020, 59, 7306-7317.	1.9	4
44	Equilibrium and kinetics studies on bibrachial lariat aza-crown/Cu(II) systems reveal different behavior associated with small changes in the structure. Inorganica Chimica Acta, 2014, 417, 246-257.	1.2	3
45	Voltammetry of microparticles, scanning electrochemical microscopy and scanning tunneling microscopy applied to the study of dsDNA binding and damage by scorpion-like polyamine receptors. Journal of Electroanalytical Chemistry, 2014, 720-721, 24-33.	1.9	3
46	Binding Mode and Selectivity of a Scorpion-Like Polyamine Ligand to Single- and Double-Stranded DNA and RNA: Metal- and pH-Driven Modulation. Chemistry - A European Journal, 2017, 23, 15966-15973.	1.7	3
47	Imaging atoms in medicine. BioMetals, 2009, 22, 393-399.	1.8	2
48	Proton Transfer Reactions. , 2004, , 1-37.		1
49	Kinetic study of the oxidation of [Fe(CN) ₆] ⁴⁻ by [Co(NH ₃) ₄ pzCO ₂] ²⁺ and the presence of the tripodal ligand Tren A. Chemical Physics Letters, 2011, 505, 112-116.	1.2	1
50	A bibrachial lariat aza-crown ether as an abiotic catalyst of malonic acid enolization. New Journal of Chemistry, 2007, 31, 2065.	1.4	0