

Begoa Verdejo

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47
papers

1,060
citations

19
h-index

31
g-index

50
ext. papers

1,146
ext. citations

5.6
avg, IF

3.65
L-index

#	Paper	IF	Citations
47	Trapping a Highly Reactive Nonheme Iron Intermediate That Oxygenates Strong C-H Bonds with Stereoretention. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15833-42	16.4	125
46	CO ₂ fixation by copper(II) complexes of a terpyridinophane aza receptor. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5082-3	16.4	90
45	Molecular recognition of pyridine N-oxides in water using calix[4]pyrrole receptors. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3178-9	16.4	72
44	Sodium and pH responsive hydrogel formation by the supramolecular system calix[4]pyrrole derivative/tetramethylammonium cation. <i>Chemical Communications</i> , 2011 , 47, 2017-9	5.8	70
43	Modulation of DNA binding by reversible metal-controlled molecular reorganizations of scorpionand-like ligands. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9644-56	16.4	68
42	Hydrogen and copper ion-induced molecular reorganizations in scorpionand-like ligands. A potentiometric, mechanistic, and solid-state study. <i>Inorganic Chemistry</i> , 2007 , 46, 5707-19	5.1	46
41	CO ₂ Fixation by Cu ²⁺ and Zn ²⁺ complexes of a terpyridinophane aza receptor. Crystal structures of Cu ²⁺ complexes, pH-metric, spectroscopic, and electrochemical studies. <i>Inorganic Chemistry</i> , 2006 , 45, 3803-15	5.1	42
40	Imidazolate bridged Cu(II)-Cu(II) and Cu(II)-Zn(II) complexes of a terpyridinophane azamacrocycle: a solution and solid state study. <i>Dalton Transactions</i> , 2007 , 4726-37	4.3	40
39	Binuclear Cu ²⁺ complex mediated discrimination between L-glutamate and L-aspartate in water. <i>Chemical Communications</i> , 2005 , 3086-8	5.8	38
38	Cation and anion recognition characteristics of open-chain polyamines containing ethylenic and propylenic chains. <i>Inorganica Chimica Acta</i> , 2002 , 339, 307-316	2.7	36
37	The sodium salt of diethyl 1H-pyrazole-3,5-dicarboxylate as an efficient amphiphilic receptor for dopamine and amphetamines. crystal structure and solution studies. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16458-9	16.4	32
36	Manganese(II) complexes of scorpionand-like azamacrocycles as MnSOD mimics. <i>Chemical Communications</i> , 2011 , 47, 5988-90	5.8	29
35	In vitro activity of scorpionand-like azamacrocycle derivatives in promastigotes and intracellular amastigotes of <i>Leishmania infantum</i> and <i>Leishmania braziliensis</i> . <i>European Journal of Medicinal Chemistry</i> , 2013 , 62, 466-77	6.8	26
34	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, 1755-9	3.9	25
33	Stability and kinetics of the acid-promoted decomposition of Cu(II) complexes with hexaazacyclophanes: kinetic studies as a probe to detect changes in the coordination mode of the macrocycles. <i>Dalton Transactions</i> , 2004 , 94-103	4.3	23
32	Homo- and heterobinuclear Cu ^{II} and Zn ^{II} complexes of abiotic cyclic hexaazapyridinocyclophanes as SOD mimics. <i>Dalton Transactions</i> , 2013 , 42, 11194-204	4.3	22
31	Quantification of CH- π Interactions Using Calix[4]pyrrole Receptors as Model Systems. <i>Molecules</i> , 2015 , 20, 16672-86	4.8	21

30	Hydrogen and copper ion induced molecular reorganizations in two new scorpiand-like ligands appended with pyridine rings. <i>Inorganic Chemistry</i> , 2010 , 49, 7016-27	5.1	19
29	Tritopic phenanthroline and pyridine tail-tied aza-scorpiaids. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 2367-76	3.9	19
28	Cu ²⁺ and AMP complexation of enlarged tripodal polyamines. <i>Dalton Transactions</i> , 2006 , 4474-81	4.3	19
27	Stabilization of Supramolecular Networks of Polyiodides with Protonated Small Tetra-azacyclophanes. <i>Inorganics</i> , 2019 , 7, 48	2.9	17
26	CO ₂ Fixation and Activation by Cu(I) Complexes of 5,5'-Terpyridinophane Macrocycles. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 84-97	2.3	17
25	Thermodynamic and kinetic studies on the Cu ²⁺ coordination chemistry of a novel binucleating pyridinophane ligand. <i>Dalton Transactions</i> , 2003 , 1186-1193	4.3	17
24	Hydrogen-ion driven molecular motions in Cu ²⁺ -complexes of a ditopic phenanthrolinephane ligand. <i>Chemical Communications</i> , 2003 , 3032-3	5.8	15
23	Homo- and Heterobinuclear Cu and Zn Complexes of Ditopic Aza Scorpiand Ligands as Superoxide Dismutase Mimics. <i>Inorganic Chemistry</i> , 2017 , 56, 13748-13758	5.1	14
22	Synthesis and Cu(II) coordination of two new hexamines containing alternated propylenic and ethylenic chains: Kinetic studies on pH-driven metal ion slippage movements. <i>Inorganica Chimica Acta</i> , 2006 , 359, 2004-2014	2.7	12
21	Extended structures of copper(II) complexes with 2-di(1H-2-imidazolyl)methylmalonate (DIMMAL), a versatile bis(imidazole)bis(carboxylate) ligand: Solution studies, crystal structures and spectroscopic characterization. <i>Polyhedron</i> , 2008 , 27, 633-640	2.7	11
20	Synthesis, Protonation and Cu(I) Complexes of Two Novel Isomeric Pentaazacyclophane Ligands: Potentiometric, DFT, Kinetic and AMP Recognition Studies. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 62-75	2.3	10
19	Cu ²⁺ coordination properties of a 2-pyridine heptaamine tripod: characterization and binding mechanism. <i>Inorganic Chemistry</i> , 2009 , 48, 8985-97	5.1	10
18	A binuclear Mn(III) complex of a scorpiand-like ligand displaying a single unsupported Mn(III)-O-Mn(III) bridge. <i>Inorganic Chemistry</i> , 2012 , 51, 11698-706	5.1	9
17	Oxidative stress protection by manganese complexes of tail-tied aza-scorpiaid ligands. <i>Journal of Inorganic Biochemistry</i> , 2016 , 163, 230-239	4.2	9
16	Stabilization of polyiodide networks with Cu(II) complexes of small methylated polyazacyclophanes: shifting directional control from H-bonds to I⋯I interactions. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4239-4255	6.8	8
15	Equilibrium, kinetic, and computational studies on the formation of Cu ²⁺ and Zn ²⁺ complexes with an indazole-containing azamacrocyclic scorpiand: evidence for metal-induced tautomerism. <i>Inorganic Chemistry</i> , 2015 , 54, 1983-91	5.1	7
14	A thermodynamic insight into the recognition of hydrophilic and hydrophobic amino acids in pure water by aza-scorpiaid type receptors. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 843-50	3.9	6
13	Equilibrium and Kinetic Properties of Cu(I) Cyclophane Complexes: The Effect of Changes in the Macrocyclic Cavity Caused by Changes in the Substitution at the Aromatic Ring. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1497-1507	2.3	6

12	Pb complexes of small-cavity azamacrocyclic ligands: thermodynamic and kinetic studies. <i>Dalton Transactions</i> , 2017 , 46, 6645-6653	4.3	5
11	Influence of the chain length and metal : ligand ratio on the self-organization processes of Cu complexes of [1 + 1] 1H-pyrazole azamacrocycles. <i>Dalton Transactions</i> , 2020 , 49, 8614-8624	4.3	5
10	Molecular Rearrangement of an Aza-Scorpiand Macrocycle Induced by pH: A Computational Study. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	4
9	Fluorescent Chemosensors Based on Polyamine Ligands: A Review. <i>Chemosensors</i> , 2022 , 10, 1	4	4
8	Synthesis, Characterization, and Cu(2+) Coordination Studies of a 3-Hydroxy-4-pyridinone Aza Scorpiand Derivative. <i>Inorganic Chemistry</i> , 2016 , 55, 7564-75	5.1	3
7	Inhibitory Effect of Azamacrocyclic Ligands on Polyphenol Oxidase in Model and Food Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 7964-7973	5.7	2
6	Heterocyclic Diamines with Leishmanicidal Activity. <i>ACS Infectious Diseases</i> , 2021 , 7, 3168-3181	5.5	2
5	About the relevance of anion-Interactions in water. <i>Dalton Transactions</i> , 2021 , 50, 6834-6839	4.3	2
4	Hybrid GMP-polyamine hydrogels as new biocompatible materials for drug encapsulation. <i>Soft Matter</i> , 2020 , 16, 6514-6522	3.6	1
3	A tetraazahydroxypyridinone derivative as inhibitor of apple juice enzymatic browning and oxidation. <i>LWT - Food Science and Technology</i> , 2021 , 112778	5.4	1
2	A Metal-Based Receptor for Selective Coordination and Fluorescent Sensing of Chloride. <i>Molecules</i> , 2021 , 26,	4.8	1
1	Metal Complexes as Receptors 2017 , 437-477		