

# MÃ<sup>a</sup> Angeles MÃ;jÃ±ez MuÃ±oz

## List of Publications by Year in descending order

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35  
papers

527  
citations

567144

15  
h-index

677027

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g-index

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docs citations

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times ranked

562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Salenâ€manganese complexes for controlling ROS damage: Neuroprotective effects, antioxidant activity and kinetic studies. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110918.	1.5	8
2	Methylation as an effective way to generate SOD-activity in copper complexes of scorpionand-like azamacrocyclic receptors. <i>Inorganica Chimica Acta</i> , 2018, 472, 139-148.	1.2	4
3	Pitfalls in the ABTS Peroxidase Activity Test: Interference of Photochemical Processes. <i>Inorganic Chemistry</i> , 2018, 57, 14471-14475.	1.9	9
4	Coordination Chemistry of Cu <sup>2+</sup> Complexes of Small N-Alkylated Tetra-azacyclophanes with SOD Activity. <i>Inorganic Chemistry</i> , 2018, 57, 10961-10973.	1.9	16
5	Equilibrium and kinetics studies on bibrachial lariat aza-crown/Cu(II) systems reveal different behavior associated with small changes in the structure. <i>Inorganica Chimica Acta</i> , 2014, 417, 246-257.	1.2	3
6	Equilibrium and kinetic studies on complex formation and decomposition and the movement of Cu <sup>2+</sup> metal ions within polytopic receptors. <i>Dalton Transactions</i> , 2013, 42, 6131.	1.6	12
7	The Solution Chemistry of Cu <sup>2+</sup> -tren Complexes Revisited: Exploring the Role of Species That Are Not Trigonal Bipyramidal. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2514-2526.	1.0	5
8	Copper(ii) complexes of quinoline polyazamacrocyclic scorpionand-type ligands: X-ray, equilibrium and kinetic studies. <i>Dalton Transactions</i> , 2012, 41, 5617.	1.6	17
9	Striking medium effects on the kinetics of decomposition of macrocyclic Cu <sup>2+</sup> complexes: Additional considerations to be taken when designing Copper-64 radiopharmaceuticals. <i>Inorganic Chemistry Communication</i> , 2010, 13, 1272-1274.	1.8	8
10	Hydrogen and Copper Ion Induced Molecular Reorganizations in Two New Scorpionand-Like Ligands Appended with Pyridine Rings. <i>Inorganic Chemistry</i> , 2010, 49, 7016-7027.	1.9	22
11	Structural reorganisation in polytopic receptors revealed by kinetic studies. <i>Chemical Communications</i> , 2010, 46, 6081.	2.2	8
12	Synthesis, Protonation and Cu <sup>II</sup> 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.	1.0	11
13	Geometric Isomerism in Pentacoordinate Cu <sup>2+</sup> Complexes: Equilibrium, Kinetic, and Density Functional Theory Studies Reveal the Existence of Equilibrium between Square Pyramidal and Trigonal Bipyramidal Forms for a Tren-Derived Ligand. <i>Inorganic Chemistry</i> , 2009, 48, 902-914.	1.9	16
14	Equilibrium and Kinetic Properties of Cu <sup>II</sup> 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.	1.0	6
15	Hydrogen and Copper Ion-Induced Molecular Reorganizations in Scorpionand-like Ligands. A Potentiometric, Mechanistic, and Solid-State Study. <i>Inorganic Chemistry</i> , 2007, 46, 5707-5719.	1.9	51
16	Crucial Role of Anions on the Deprotonation of the Cationic Dihydrogen Complex trans-[FeH(Î-2-H2)(dppe) <sub>2</sub> ] <sup>+</sup> . <i>Journal of the American Chemical Society</i> , 2007, 129, 6608-6618.	6.6	51
17	Synthesis and Cu(II) coordination of two new hexaamines containing alternated propylenic and ethylenic chains: Kinetic studies on pH-driven metal ion slippage movements. <i>Inorganica Chimica Acta</i> , 2006, 359, 2004-2014.	1.2	12
18	Ag(i) complexes with alkylidene-bis(2-aminopyrimidines) as building units for discrete metallamacrocyclic frames. A structural and solution study. <i>Dalton Transactions</i> , 2005, , 3763.	1.6	7

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19	The Effect of the Inert Counteranions in the Deprotonation of the Dihydrogen Complex $trans-[FeH(\eta^2-H_2)(dppe)_2]^+$ : Kinetic and Theoretical Studies. <i>Journal of the American Chemical Society</i> , 2004, 126, 2320-2321.	6.6	39
20	Synthesis, equilibrium studies and structural characterisation of the Zn(II) complexes with trimethylene-N <sub>6</sub> ,N <sub>6</sub> -bisadenine. <i>Journal of Inorganic Biochemistry</i> , 2003, 93, 141-151.	1.5	14
21	Exploring the Properties and Optical Sensing Capability of Sol <sup>+</sup> Gel Materials Containing a Covalently Bonded Binucleating Cryptand. <i>Chemistry of Materials</i> , 2003, 15, 2025-2032.	3.2	15
22	Hydrogen-ion driven molecular motions in Cu <sup>2+</sup> -complexes of a ditopic phenanthrolineophane ligand. <i>Chemical Communications</i> , 2003, , 3032-3033.	2.2	15
23	Thermodynamic and kinetic studies on the Cu <sup>2+</sup> coordination chemistry of a novel binucleating pyridinophane ligand. Electronic supplementary information (ESI) available: Table S1: observed rate constants for the acid-promoted decomposition of Cu <sup>2+</sup> complexes with ligand L. Table S2: observed rate constants for the acid-promoted decomposition of Cu <sup>2+</sup> complexes with macrocycle L1. Fig. S1: Variation of some selected <sup>13</sup> C chemical shifts as a function of pH. See <a href="http://www.rsc.org/suppdata/ft/b2/b209013a/">http://www.rsc.org/suppdata/ft/b2/b209013a/</a> . <i>Dalton Transactions</i> , 2003, , 1186-1193.	1.6	17
24	Reversible Binuclear Cu(II) Complex Formation in a New Sonogel <sup>+</sup> Cryptand Hybrid Material. <i>Chemistry of Materials</i> , 2002, 14, 670-676.	3.2	7
25	Structurally Different Dinuclear Copper(II) Complexes with the Same Triazolopyrimidine Bridging Ligand. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 811-818.	1.0	15
26	Equilibrium studies on the protonation and Cu(II) complexation by an hexaaza macrocycle containing p-xylyl spacers. The crystal structure of the hexaprotonated ligand and the kinetics of decomposition of the Cu(II) complexes. <i>Polyhedron</i> , 2001, 20, 297-305.	1.0	20
27	Stability and kinetics of decomposition of binuclear Cu(II) complexes with a symmetrical hexaaza macrocycle: the effect of SCN <sup>-</sup> as ancillary ligand. <i>Polyhedron</i> , 2001, 20, 75-82.	1.0	16
28	The kinetics and mechanisms of reactions involving the dihydrogen complex $trans-[FeH(H_2)(DPPE)_2]^+$ and related compounds. <i>Journal of Organometallic Chemistry</i> , 2000, 609, 29-35.	0.8	18
29	Kinetics of protonation of $cis-[FeH_2(dppe)_2]$ : formation of the dihydrogen complex $trans-[FeH(H_2)(dppe)_2]^+$ (dppe = Ph <sub>2</sub> PCH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> ). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2205-2210.	1.1	29
30	Kinetics of reaction of the Fe(II)-cyclam complex with H <sub>2</sub> O <sub>2</sub> in acetonitrile and the mechanism of catalyzed epoxidation of cyclohexene. <i>Polyhedron</i> , 1997, 16, 3827-3833.	1.0	17
31	Kinetics of substitution reactions of Fe(II)-phosphine complexes with Cl <sup>-</sup> , Br <sup>-</sup> and SCN <sup>-</sup> in acetonitrile. A comparative study of complexes containing bidentate and tripodal phosphines. <i>Polyhedron</i> , 1996, 15, 2305-2310.	1.0	3
32	Kinetics and mechanism of formation and decomposition of copper(II) complexes with a binucleating hexaazamacrocycle. <i>Polyhedron</i> , 1996, 15, 3511-3517.	1.0	21
33	Fe(II) complexes with tripod phosphines, Ph <sub>2</sub> PCH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> and NEt <sub>3</sub> : Stability and kinetics of formation. <i>Polyhedron</i> , 1995, 14, 1865-1871.	1.0	7
34	Kinetics of substitution reactions of $trans-[Mo(N_2)_2(PPh_2Me)_4]$ with tripodal phosphines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 1717-1722.	1.1	3
35	Mechanism of the decomposition reaction of $trans-[Mo(N_2)_2(PPh_2Me)_4]$ and of its reaction with pyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1291-1295.	1.1	5