

Teresa M Santos

List of Publications by Year in descending order

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docs citations

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times ranked

1658
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Luminescent Tris(β^2 -diketonate)europium(III) Complexes Immobilized in a Functionalized Mesoporous Silica. <i>Chemistry of Materials</i> , 2005, 17, 5077-5084.	6.7	172
2	Modulation of the Mammalian Target of Rapamycin Pathway by Diacylglycerol Kinase-produced Phosphatidic Acid. <i>Journal of Biological Chemistry</i> , 2005, 280, 10091-10099.	3.4	127
3	Immobilization of Lanthanide Ions in a Pillared Layered Double Hydroxide. <i>Chemistry of Materials</i> , 2005, 17, 5803-5809.	6.7	89
4	Immobilization of Oxomolybdenum Species in a Layered Double Hydroxide Pillared by 2,2'-Bipyridine-5,5'-dicarboxylate Anions. <i>Inorganic Chemistry</i> , 2004, 43, 5422-5431.	4.0	74
5	Properties of a Novel pH-dependent Ca ²⁺ Permeation Pathway Present in Male Germ Cells with Possible Roles in Spermatogenesis and Mature Sperm Function. <i>Journal of General Physiology</i> , 1998, 112, 33-53.	1.9	68
6	Proteomics Identification of Sorting Nexin 27 as a Diacylglycerol Kinase β -associated Protein. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1073-1087.	3.8	68
7	Dynamics of Diacylglycerol Kinase β Translocation in Living T-cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 30300-30309.	3.4	59
8	Ru(II) Electron Transfer Systems Containing S-Donor Ligands. <i>Inorganic Chemistry</i> , 2002, 41, 2250-2259.	4.0	53
9	Synthesis and structural characterisation of new Ru(II)[12]aneS4 complexes with polypyridylic and related ligands. <i>New Journal of Chemistry</i> , 1999, 23, 1015-1025.	2.8	45
10	Synthesis, characterization and catalytic studies of bis(chloro)dioxomolybdenum(VI)-chiral diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005, 236, 1-6.	4.8	45
11	Incorporation of a (Cyclopentadienyl)molybdenum Oxo Complex in MCM-41 and Its Use as a Catalyst for Olefin Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4914-4920.	2.0	42
12	Structural characterisation of new Ru(II)[9]aneS3 polypyridylic complexes. <i>Dalton Transactions RSC</i> , 2000, , 4422-4431.	2.3	40
13	Synthesis, Structure, and Redox Properties of a New Aqua Ruthenium Complex Containing the Tridentate [9]aneS3 and the Didentate 1,10-Phenanthroline Ligands. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 612-618.	2.0	33
14	β^2 -Cyclodextrin and permethylated β^2 -cyclodextrin inclusion compounds of a cyclopentadienyl molybdenum tricarbonyl complex and their use as cyclooctene epoxidation catalyst precursors. <i>Inorganica Chimica Acta</i> , 2006, 359, 4757-4764.	2.4	33
15	Synthesis, structural characterization, cytotoxic properties and DNA binding of a dinuclear copper(II) complex. <i>Journal of Inorganic Biochemistry</i> , 2016, 161, 9-17.	3.5	32
16	Synthesis and Properties of Zn ²⁺ /Al Layered Double Hydroxides Containing Ferrocenecarboxylate Anions. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1389-1395.	2.0	30
17	Complex DNA Binding Kinetics Resolved by Combined Circular Dichroism and Luminescence Analysis. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6688-6694.	2.6	28
18	Synthesis and characterization of a manganese(II) acetonitrile complex supported on functionalized MCM-41. <i>Microporous and Mesoporous Materials</i> , 2004, 76, 131-136.	4.4	25

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19	A glycine ruthenium trithiacyclononane complex and its molecular encapsulation using cyclodextrins. <i>Dalton Transactions</i> , 2009, , 9812.	3.3	25
20	Cyclodextrins improve the antimicrobial activity of the chloride salt of Ruthenium(II) chloro-phenanthroline-trithiacyclononane. <i>BioMetals</i> , 2009, 22, 541-556.	4.1	23
21	Histopathological Effects of Hexavalent Chromium in Mouse Kidney. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 76, 977-983.	2.7	21
22	Evaluation of in vivo reproductive toxicity of potassium chromate in male mice. <i>Experimental and Toxicologic Pathology</i> , 2010, 62, 391-404.	2.1	21
23	Synthesis and characterisation of a Ru(II) complex immobilised in MCM-41-type mesoporous silica. <i>Dalton Transactions RSC</i> , 2001, , 1628-1633.	2.3	20
24	Bimetallic transition metal-ruthenium(II) complexes containing bridging bipyrimidine ligands. <i>Polyhedron</i> , 2003, 22, 2799-2807.	2.2	19
25	Structural studies on supramolecular adducts of cyclodextrins with the complex [Ru(II)(phen)(bpy)Cl]Cl. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3021-3028.	1.8	18
26	Interaction of Ruthenium(II)-dipyridophenazine Complexes with CT-DNA: Effects of the Polythioether Ancillary Ligands. <i>Metal-Based Drugs</i> , 2001, 8, 125-136.	3.8	17
27	Immobilisation of methyltrioxorhenium on functionalised MCM-41. <i>Microporous and Mesoporous Materials</i> , 2006, 89, 284-290.	4.4	15
28	Heptacopper(II) and dicopper(II)-adenine complexes: synthesis, structural characterization, and magnetic properties. <i>Journal of Coordination Chemistry</i> , 2015, 68, 2770-2787.	2.2	14
29	Characterization and differentiation of ruthenium(II) complexes with 1,4,7-trithiacyclononane and nitrogen heterocycles by electrospray mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2001, 36, 529-537.	1.6	13
30	Comparative histological studies on liver of mice exposed to Cr(VI) and Cr(V) compounds. <i>Human and Experimental Toxicology</i> , 2002, 21, 365-369.	2.2	13
31	Synthesis and characterisation of ruthenium(II) complexes containing ferrocenyl-derived ligands. <i>New Journal of Chemistry</i> , 2002, 26, 1384-1388.	2.8	12
32	Structural characterisation and DFT studies of [Cr(cyclam)(O-dmsO)Cl] ₂ ²⁺ : a new precursor complex towards potential DNA intercalators. <i>Inorganica Chimica Acta</i> , 2003, 356, 335-342.	2.4	12
33	Carriers for metal complexes on tumour cells: the effect of cyclodextrins vs CNTs on the model guest phenanthroline-5,6-dione trithiacyclononane ruthenium(II) chloride. <i>BioMetals</i> , 2014, 27, 507-525.	4.1	12
34	A kinetic and equilibrium study of the reactions of potassium and sodium biscysteinato(N,O,S)chromate(III) in moderately acidic solutions. <i>Inorganica Chimica Acta</i> , 1987, 131, 5-7.	2.4	11
35	Solution studies of some chromium(III) complexes with Cr-S bonds—2. Kinetic and equilibrium studies of cysteinato- and penicillaminato-chromate(III) complexes. <i>Polyhedron</i> , 1992, 11, 1687-1695.	2.2	11
36	NSAID-Based Coordination Compounds for Biomedical Applications: Recent Advances and Developments. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2855.	4.1	11

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37	Study of Selectivity of Metal Phosphates and Phosphonates in Baeyer-Villiger Oxidations. <i>Catalysis Letters</i> , 2011, 141, 100-110.	2.6	10
38	Effect of Cr(V) on reproductive organ morphology and sperm parameters: An experimental study in mice. <i>Environmental Health</i> , 2005, 4, 9.	4.0	8
39	On the circular dichroism of tris(S-alaninato)chromium: Absolute configurations and evidence for unexpected lability. <i>Polyhedron</i> , 1991, 10, 575-577.	2.2	7
40	Synthesis and characterization of layered double hydroxides intercalated by an oxomolybdenum complex. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1011-1015.	4.0	7
41	Functional changes of mice Sertoli cells induced by Cr(V). <i>Cell Biology and Toxicology</i> , 2004, 20, 285-291.	5.3	6
42	Gas-phase CS bond cleavage and crown opening versus nitrogen heterocycle loss from Rull complex ions with 1,4,7,10-tetrathiacyclododecane and bidentate diimines. <i>International Journal of Mass Spectrometry</i> , 2005, 243, 257-268.	1.5	6
43	Supramolecular adducts of native and permethylated β -cyclodextrins with (2,2'-dipyridylamine)chlorido(1,4,7-trithiacyclononane)ruthenium(II) chloride: solid-state and biological activity studies. <i>Chemical Papers</i> , 2017, 71, 1235-1248.	2.2	5
44	Investigation of the coordination modes of tris(pyrazolylmethane)/1,4,7-trithiacyclononane ruthenium(II) complex ions by electrospray ionization mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2011, 301, 143-150.	1.5	4
45	Solution and solid-state spectroscopic characterization of chloro dimethylsulfoxide polythioether ruthenium(II) complexes, complemented with DFT calculations in the gas phase. <i>Journal of Coordination Chemistry</i> , 2013, 66, 881-903.	2.2	3
46	Characterization of β -amino acidato chromium(III) complexes by fast atom bombardment mass spectrometry. <i>Polyhedron</i> , 1996, 15, 2887-2894.	2.2	2
47	Binuclear ruthenium(II) complexes with polypyridil bridging ligands: Gas-phase chemistry and ligand structure. <i>International Journal of Mass Spectrometry</i> , 2008, 278, 20-25.	1.5	2
48	(2,2'-Bipyridine- β 2N,N α)chlorido(1,4,7-trithiacyclononane- β 3S,S α ,S α)ruthenium(II) nitrate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1575-m1575.	0.2	1
49	(2,2'-Bipyridine- β 2N,N α)bromido(1,4,7-trithiacyclononane- β 3S,S α ,S α)ruthenium(II) hexafluoridophosphate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m263-m263.	0.2	0