

MarÃ-a Dolores Santana

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Novel organo-osmium(ii) proteosynthesis inhibitors active against human ovarian cancer cells reduce gonad tumor growth in <i>Caenorhabditis elegans</i> . <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 141-155.	6.0	13
2	Ru(ii) photosensitizers competent for hypoxic cancers via green light activation. <i>Chemical Communications</i> , 2020, 56, 10301-10304.	4.1	15
3	Amino-Functionalized Mesoporous Silica Nanoparticle-Encapsulated Octahedral Organoruthenium Complex as an Efficient Platform for Combatting Cancer. <i>Inorganic Chemistry</i> , 2020, 59, 10275-10284.	4.0	26
4	New half-sandwich ruthenium(<i>ii</i>) complexes as proteosynthesis inhibitors in cancer cells. <i>Chemical Communications</i> , 2019, 55, 1140-1143.	4.1	23
5	Cyclometalated iridium(III) luminescent complexes in therapy and phototherapy. <i>Coordination Chemistry Reviews</i> , 2018, 360, 34-76.	18.8	214
6	Structure, Spectra, and DFT Simulation of Nickel Benzazolate Complexes with Tris(2-aminoethyl)amine Ligand. <i>Inorganic Chemistry</i> , 2017, 56, 3663-3673.	4.0	13
7	Organoruthenium Complexes with C ^N Ligands are Highly Potent Cytotoxic Agents that Act by a New Mechanism of Action. <i>Chemistry - A European Journal</i> , 2017, 23, 15294-15299.	3.3	29
8	Blocking and bridging ligands direct the structure and magnetic properties of dimers of pentacoordinate nickel(ii). <i>Dalton Transactions</i> , 2015, 44, 6839-6847.	3.3	3
9	Structure and Spectroscopic Properties of Nickel Benzazolate Complexes with Hydrotris(pyrazolyl)borate Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 5502-5514.	4.0	8
10	Benzazolate complexes of pentacoordinate nickel(II). Synthesis, spectroscopic study and luminescent response towards metal cations. <i>Polyhedron</i> , 2013, 61, 161-171.	2.2	9
11	[Pd(PPh ₃) ₂ (saccharinate) ₂] ⁺ general catalyst for Suzuki-Miyaura, Negishi cross-coupling and C-H bond functionalization of coumaryl and pyrone substrates. <i>Tetrahedron</i> , 2013, 69, 1446-1453.	1.9	43
12	Crystal Structures and Spectroscopic and Theoretical Properties of Pentacoordinate Nickel(II) Complexes Containing Tris(pyrazolyl)borate and Quinolate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4280-4290.	2.0	3
13	Novel saccharinate-bridged palladium complexes for efficient C=O bond activation displaying promising luminescence properties. <i>Dalton Transactions</i> , 2012, 41, 3832.	3.3	42
14	Networks based on hydrogen-bonds containing phosphorus anions and tris(3,5-dimethylpyrazolyl)borate nickel(II) moieties. <i>Polyhedron</i> , 2012, 31, 575-586.	2.2	4
15	Crystal Structures and Magnetic Properties of Nickel Complexes with Hydrotris(pyrazolyl)borate Ligand and Double Bridged by Phosphate Esters. <i>Inorganic Chemistry</i> , 2011, 50, 437-443.	4.0	11
16	Luminescence properties of cyclopalladated complexes with Schiff base ligands. <i>Inorganica Chimica Acta</i> , 2011, 378, 49-55.	2.4	11
17	Synthesis and luminescence properties of cyclopalladated complexes with S ^N and O ^N donor ligands. <i>Dalton Transactions</i> , 2011, 40, 3537.	3.3	24
18	Luminescence of five-coordinated nickel(ii) complexes with substituted-8-hydroxyquinolines and macrocyclic ligands. <i>Dalton Transactions</i> , 2010, 39, 1797-1806.	3.3	16

#	ARTICLE	IF	CITATIONS
19	Mono- and bidentate imidates of five-coordinate nickel(ii) with macrocyclic ligands: spectroscopic and photophysical properties. Dalton Transactions, 2010, 39, 5728.	3.3	7
20	Spectroscopic and structural characterization of O,Oâ€²-(diphenylphosphineoxide)amidate and acetylacetonate complexes of pentacoordinate nickel(II). Journal of Organometallic Chemistry, 2009, 694, 316-322.	1.8	10
21	Hydrogen Bonding and Anion Binding in Structures of Tris(pyrazolyl)boratenickel(II) and Phosphate Esters. European Journal of Inorganic Chemistry, 2008, 2008, 4012-4018.	2.0	16
22	N,Nâ€²-bis(substituted-phenyl)oxamides and their dinuclear pentacoordinate nickel(II) complexes. Journal of Organometallic Chemistry, 2008, 693, 2009-2016.	1.8	16
23	Preparation, crystal structures and NMR characterization of substituted-benzoate complexes Nickel(II)-N3-macrocycles. Polyhedron, 2007, 26, 1029-1036.	2.2	17
24	Preparation of Thiocarboxylate, Thiocarbamate and Xanthate Complexes of Pentacoordinate Nickel(II): Insertion of Heterocumulenes Into Nickel(II) Hydroxido Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 4628-4636.	2.0	10
25	Synthesis and Characterization of Heterotrinary Complexes of Nickel and Palladium with Pyridinecarboxylate as Bridging Ligands. European Journal of Inorganic Chemistry, 2005, 2005, 3049-3056.	2.0	13
26	Heteronuclear Nickel-Iron Complexes and the Crystal Structure of [Fe ₂ (CO) ₆ ($\frac{1}{4}$ -S) ₂ {Ni(dppe)}]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2062-2066.	1.2	10
27	Five-coordinate nickel(ii) complexes with carboxylate anions and derivatives of 1,5,9-triazacyclododec-1-ene: structural and ¹ H NMR spectroscopic studies. Dalton Transactions, 2005, , 104-109.	3.3	25
28	Pentacoordinate Nickel(II) Complexes Double Bridged by Phosphate Ester or Phosphinate Ligands: Spectroscopic, Structural, Kinetic, and Magnetic Studies. Chemistry - A European Journal, 2004, 10, 1738-1746.	3.3	38
29	Oxamidate-Bridged Dinuclear Five-Coordinate Nickel(II) Complexes: A Magneto-Structural Study. Inorganic Chemistry, 2004, 43, 2132-2140.	4.0	50
30	Conformational analysis of complexes of 2,4,4-trimethyl-1,5,9-triazacyclododec-1-ene and its 9-methyl derivative. New Journal of Chemistry, 2002, 26, 726-731.	2.8	13
31	Mononuclear Hydroxamate Five-Coordinate Nickel(II) Complexes: A Structural and Spectroscopic Characterization. Inorganic Chemistry, 2001, 40, 5701-5703.	4.0	35
32	Synthesis, characterization and crystal structures of the first pentacoordinate nickel(II) complexes containing N,S-donor ligands. Dalton Transactions RSC, 2000, , 619-625.	2.3	34
33	Binding of the {MoFe ₃ S ₄ } ₃ core by a tridentate thiolate and chemical analogues of the molybdenum co-ordination environment in the iron-molybdenum cofactor of nitrogenase. Journal of the Chemical Society Dalton Transactions, 1995, , 1965-1971.	1.1	12
34	Triazacyclane-based trithiols and their use in the preparation of site-differentiated iron-sulfur clusters. Journal of the Chemical Society Dalton Transactions, 1992, , 3229-3234.	1.1	27