

MarÃ-a Dolores Santana

List of Publications by Year in descending order

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840
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1103
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclometalated iridium(III) luminescent complexes in therapy and phototherapy. <i>Coordination Chemistry Reviews</i> , 2018, 360, 34-76.	18.8	214
2	Oxamidate-Bridged Dinuclear Five-Coordinate Nickel(II) Complexes: A Magneto-Structural Study. <i>Inorganic Chemistry</i> , 2004, 43, 2132-2140.	4.0	50
3	[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
4	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
5	Pentacoordinate Nickel(II) Complexes Double Bridged by Phosphate Ester or Phosphinate Ligands: Spectroscopic, Structural, Kinetic, and Magnetic Studies. <i>Chemistry - A European Journal</i> , 2004, 10, 1738-1746.	3.3	38
6	Mononuclear Hydroxamate Five-Coordinate Nickel(II) Complexes: A Structural and Spectroscopic Characterization. <i>Inorganic Chemistry</i> , 2001, 40, 5701-5703.	4.0	35
7	Synthesis, characterization and crystal structures of the first pentacoordinate nickel(II) complexes containing N,S-donor ligands. <i>Dalton Transactions RSC</i> , 2000, , 619-625.	2.3	34
8	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
9	Triazacyclane-based trithiols and their use in the preparation of site-differentiated iron-sulfur clusters. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 3229-3234.	1.1	27
10	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
11	Five-coordinate nickel(ii) complexes with carboxylate anions and derivatives of 1,5,9-triazacyclododec-1-ene: structural and ¹ H NMR spectroscopic studies. <i>Dalton Transactions</i> , 2005, , 104-109.	3.3	25
12	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
13	New half-sandwich ruthenium(II) complexes as proteosynthesis inhibitors in cancer cells. <i>Chemical Communications</i> , 2019, 55, 1140-1143.	4.1	23
14	Preparation, crystal structures and NMR characterization of substituted-benzoate complexes Nickel(II)-N ₃ -macrocycles. <i>Polyhedron</i> , 2007, 26, 1029-1036.	2.2	17
15	Hydrogen Bonding and Anion Binding in Structures of Tris(pyrazolyl)borate nickel(II) and Phosphate Esters. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4012-4018.	2.0	16
16	N,N'-bis(substituted-phenyl)oxamides and their dinuclear pentacoordinate nickel(II) complexes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2009-2016.	1.8	16
17	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
18	Ru(II) photosensitizers competent for hypoxic cancers via green light activation. <i>Chemical Communications</i> , 2020, 56, 10301-10304.	4.1	15

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19	Conformational analysis of complexes of 2,4,4-trimethyl-1,5,9-triazacyclododec-1-ene and its 9-methyl derivative. <i>New Journal of Chemistry</i> , 2002, 26, 726-731.	2.8	13
20	Synthesis and Characterization of Heterotrinnuclear Complexes of Nickel and Palladium with Pyridinecarboxylate as Bridging Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3049-3056.	2.0	13
21	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
22	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
23	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- ⁵⁵ molybdenum cofactor of nitrogenase. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 1965-1971.	1.1	12
24	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
25	Luminescence properties of cyclopalladated complexes with Schiff base ligands. <i>Inorganica Chimica Acta</i> , 2011, 378, 49-55.	2.4	11
26	Heteronuclear Nickel-Iron Complexes and the Crystal Structure of [Fe ₂ (CO) ₆ (^{1/4} -S) ₂ {Ni(dppe)}]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2062-2066.	1.2	10
27	Preparation of Thiocarboxylate, Thiocarbamate and Xanthate Complexes of Pentacoordinate Nickel(II): Insertion of Heterocumulenes Into Nickel(II) Hydroxido Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4628-4636.	2.0	10
28	Spectroscopic and structural characterization of O,O'- ² -(diphenylphosphineoxide)amidate and acetylacetonate complexes of pentacoordinate nickel(II). <i>Journal of Organometallic Chemistry</i> , 2009, 694, 316-322.	1.8	10
29	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
30	Structure and Spectroscopic Properties of Nickel Benzazolate Complexes with Hydrotris(pyrazolyl)borate Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 5502-5514.	4.0	8
31	Mono- and bidentate imidates of five-coordinate nickel(ii) with macrocyclic ligands: spectroscopic and photophysical properties. <i>Dalton Transactions</i> , 2010, 39, 5728.	3.3	7
32	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
33	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
34	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