

M Carmen Rodrguez-Argelles

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/9295522/m-carmen-rodriguez-arguelles-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

1,570
citations

23
h-index

39
g-index

51
ext. papers

1,724
ext. citations

4.9
avg, IF

4.29
L-index

#	Paper	IF	Citations
48	Synthesis, characterization and biological activity of Ni, Cu and Zn complexes of isatin hydrazones. <i>Journal of Inorganic Biochemistry</i> , 2004 , 98, 313-21	4.2	172
47	Green synthesis of gold nanoparticles using brown algae <i>Cystoseira baccata</i> : Its activity in colon cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 153, 190-198	6	152
46	Copper complexes of imidazole-2-, pyrrole-2- and indol-3-carbaldehyde thiosemicarbazones: inhibitory activity against fungi and bacteria. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 2231-9	4.2	122
45	Complexes of 2-thiophenecarbonyl and isonicotinoyl hydrazones of 3-(N-methyl)isatin. A study of their antimicrobial activity. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 138-47	4.2	85
44	Antimicrobial and mutagenic properties of organotin(IV) complexes with isatin and N-alkylisatin bithiocarbonohydrazones. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 397-408	4.2	77
43	Complexes of 2-acetyl-gamma-butyrolactone and 2-furancarbaldehyde thiosemicarbazones: antibacterial and antifungal activity. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 35-42	4.2	75
42	2,6-diacetylpyridine bis(thiosemicarbazones) zinc complexes: synthesis, structure, and biological activity. <i>Journal of Inorganic Biochemistry</i> , 1995 , 58, 157-75	4.2	56
41	Diorganotin(IV) derivatives of salicylaldehydethiosemicarbazone. The crystal structure of dimethyl- and diphenyl- (salicylaldehydethiosemicarbazonato)tin(IV). <i>Inorganica Chimica Acta</i> , 1994 , 216, 169-175	2.7	54
40	Antibacterial and antifungal activity of metal(II) complexes of acylhydrazones of 3-isatin and 3-(N-methyl)isatin. <i>Polyhedron</i> , 2009 , 28, 2187-2195	2.7	53
39	Transition-metal complexes of isatin-beta-thiosemicarbazone. X-ray crystal structure of two nickel complexes. <i>Journal of Inorganic Biochemistry</i> , 1999 , 73, 7-15	4.2	51
38	Cobalt and nickel complexes of versatile imidazole- and pyrrole-2-carbaldehyde thiosemicarbazones. Synthesis, characterisation and antimicrobial activity. <i>Inorganica Chimica Acta</i> , 2004 , 357, 2543-2552	2.7	49
37	Acenaphthenequinone thiosemicarbazone and its transition metal complexes: synthesis, structure, and biological activity. <i>Journal of Inorganic Biochemistry</i> , 1997 , 66, 7-17	4.2	48
36	Macroalgae to nanoparticles: Study of <i>Ulva lactuca</i> L. role in biosynthesis of gold and silver nanoparticles and of their cytotoxicity on colon cancer cell lines. <i>Materials Science and Engineering C</i> , 2019 , 97, 498-509	8.3	42
35	Chitosan and silver nanoparticles as pudding with raisins with antimicrobial properties. <i>Journal of Colloid and Interface Science</i> , 2011 , 364, 80-4	9.3	39
34	Synthesis, structure, and spectroscopic properties of acetato(dimethyl)(pyridine-2-carbaldehydethiosemicarbazonato)tin(IV) acetic acid solvate, [SnMe ₂ (PyTSC)(OAc)].HOAc. Comparison of its biological activity with that of some structurally	4.2	39
33	Synthesis and spectroscopic properties of diorganotin(IV) derivatives of 2,6-diacetylpyridine bis(thiosemicarbazone). Crystal structure of diphenyl{2,6-diacetylpyridine bis(thiosemicarbazonato)}tin(IV) bis(dimethylformamide) solvate. <i>Inorganica Chimica Acta</i> , 1994 , 221, 61-68	2.7	38
32	Cobalt(III) complexes with thiosemicarbazones as co-ordinating agents. Spontaneous resolution by crystallization and absolute configuration. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 3035-3040		36

31	Diorganotin(IV) complexes of pyridoxal thiosemicarbazone: synthesis, spectroscopic properties and biological activity. <i>Journal of Inorganic Biochemistry</i> , 1998 , 69, 283-92	4.2	32
30	Dimethylthallium(III) and methylmercury(II) derivatives of pyridine-2-carbaldehyde thiosemicarbazone: synthesis and structure. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 1253-1259		29
29	Synthesis of silver and gold nanoparticles by <i>Sargassum muticum</i> biomolecules and evaluation of their antioxidant activity and antibacterial properties. <i>Journal of Nanostructure in Chemistry</i> , 2020 , 10, 317-330	7.6	29
28	Synthetic, spectroscopic, and X-ray studies on methylmercury(II) and dimethylthallium(III) complexes with cyclopentanone thiosemicarbazone. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989 , 1787-1791		27
27	Building layer-by-layer a bis(dithiocarbamato)copper(II) complex on Au[111] surfaces. <i>Journal of the American Chemical Society</i> , 2007 , 129, 6927-30	16.4	26
26	Synthesis, structure, spectroscopic properties and biological activity of mixed diorganotin(IV) complexes containing pyridine-2-carbaldehyde thiosemicarbazone and diphenyldithiophosphinato ligands. <i>Journal of Inorganic Biochemistry</i> , 1999 , 76, 277-84	4.2	24
25	Evaluation of the antimicrobial activity of some chloro complexes of imidazole-2-carbaldehyde semicarbazone: X-ray crystal structure of cis-NiCl ₂ (H ₂ L)(H ₂ O). <i>Polyhedron</i> , 2010 , 29, 864-870	2.7	23
24	(p-Anisaldehyde thiosemicarbazone)dimethylthallium(III): an unusual structure for a co-ordinated thiosemicarbazone. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 353-354		21
23	Immunostimulant and biocompatible gold and silver nanoparticles synthesized using the <i>Ulva intestinalis</i> L. aqueous extract. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4677-4691	7.3	17
22	Transition-metal complexes of cyclohexane-1,2-dione bis(thiosemicarbazone)(H ₂ L). Crystal structures of [ZnL(OH ₂)]·dmf (dmf = dimethylformamide) and [Zn(H ₂ L)Cl]Cl·2H ₂ O. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995 , 2297-2303		16
21	New application of two Antarctic macroalgae <i>Palmaria decipiens</i> and <i>Desmarestia menziesii</i> in the synthesis of gold and silver nanoparticles. <i>Polar Science</i> , 2018 , 15, 49-54	2.3	15
20	The Crystal and Molecular Structure of Methyl(Cyclopentanone-Thiosemicarbazone)Mercury(II). <i>Journal of Coordination Chemistry</i> , 1991 , 24, 177-181	1.6	15
19	Coated nickel foam electrode for the implementation of continuous electro-Fenton treatment. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 685-692	3.5	11
18	A copper(II) thiosemicarbazone complex built on gold for the immobilization of lipase and laccase. <i>Journal of Colloid and Interface Science</i> , 2010 , 348, 96-100	9.3	11
17	Harnessing the wine dregs: An approach towards a more sustainable synthesis of gold and silver nanoparticles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018 , 178, 302-309	6.7	11
16	Isatin 3-semicarbazone and 1-methylisatin 3-semicarbazone. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005 , 61, o589-92		10
15	Gold nanoparticles enhancing dismutation of superoxide radical by its bis(dithiocarbamato)copper(II) shell. <i>Inorganic Chemistry</i> , 2011 , 50, 4705-12	5.1	9
14	Copper(I) complexes of methyl 4-aryl-6-methyl-3,4-dihydropyrimidine-2(1H)-thione-5-carboxylates. Synthesis, characterization and activity in human breast cancer cells. <i>Inorganica Chimica Acta</i> , 2015 , 438, 160-167	2.7	8

13	Synthesis, spectral characterization and X-ray crystallographic study of new copper(I) complexes. Antitumor activity in colon cancer. <i>Polyhedron</i> , 2016 , 119, 112-119	2.7	8
12	Seaweeds: A promising bionanofactory for ecofriendly synthesis of gold and silver nanoparticles 2020 , 507-541		6
11	Saccorhiza polyschides used to synthesize gold and silver nanoparticles with enhanced antiproliferative and immunostimulant activity. <i>Materials Science and Engineering C</i> , 2021 , 123, 111960	8.3	6
10	Eco-friendly extraction of Mastocarpus stellatus carrageenan for the synthesis of gold nanoparticles with improved biological activity. <i>International Journal of Biological Macromolecules</i> , 2021 , 183, 1436-1449	7.9	6
9	Sodium 2-oxo-3-semicarbazono-2,3-dihydro-1H-indole-5-sulfonate dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006 , 62, m241-2		3
8	Synthesis, and spectral and X-ray characterization, of methylmercury(II) and dimethylthallium(III) complexes of 2-furanthiocarboxyhydrazide. <i>Inorganica Chimica Acta</i> , 1992 , 197, 163-168	2.7	3
7	Evaluation of the Antioxidant Capacities of Antarctic Macroalgae and Their Use for Nanoparticles Production. <i>Molecules</i> , 2021 , 26,	4.8	3
6	Comparison of the effectiveness of several commercial products and two new copper complexes to control <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . <i>Acta Horticulturae</i> , 2018 , 247-252	0.3	3
5	Toxicity in vitro and in Zebrafish Embryonic Development of Gold Nanoparticles Biosynthesized Using Macroalgae Extracts. <i>International Journal of Nanomedicine</i> , 2021 , 16, 5017-5036	7.3	3
4	Wealth from by-products: an attempt to synthesize valuable gold nanoparticles from Brassica oleracea var. acephala cv. Galega stems. <i>Journal of Nanostructure in Chemistry</i> , 2021 , 11, 635	7.6	2
3	Synthesis, process optimization and characterization of gold nanoparticles using crude fucoidan from the invasive brown seaweed Sargassum muticum. <i>Algal Research</i> , 2021 , 58, 102377	5	2
2	Synthesis, structural and spectroscopic studies of 2-oxoacenaphthylen-1(2H)-ylidene nicotinohydrazide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 172, 189-198	4.4	1
1	Nanometals in Cancer Diagnosis and Therapy 2018 , 407-428		1