M Carmen RodrÃ-guez-ArgÃ¼elles

List of Publications by Year
in descending order

50 papers	1,936 citations	236833 25 h-index	243529 44 g-index
51 all docs	51 docs citations	51 times ranked	2172 citing authors

#	Article	IF	Citations
1	Immunomodulatory and Antitumoral Activity of Gold Nanoparticles Synthesized by Red Algae Aqueous Extracts. Marine Drugs, 2022, 20, 182.	2.2	10
2	Flower, stem, and leaf extracts from Hypericum perforatum L. to synthesize gold nanoparticles: Effectiveness and antioxidant activity. Surfaces and Interfaces, 2022, 32, 102181.	1.5	5
3	Evaluation of the Antioxidant Capacities of Antarctic Macroalgae and Their Use for Nanoparticles Production. Molecules, 2021, 26, 1182.	1.7	13
4	Wealth from by-products: an attempt to synthesize valuable gold nanoparticles from Brassica oleracea var. acephala cv. Galega stems. Journal of Nanostructure in Chemistry, 2021, 11, 635-644.	5.3	7
5	Saccorhiza polyschides used to synthesize gold and silver nanoparticles with enhanced antiproliferative and immunostimulant activity. Materials Science and Engineering C, 2021, 123, 111960.	3.8	20
6	Eco-friendly extraction of Mastocarpus stellatus carrageenan for the synthesis of gold nanoparticles with improved biological activity. International Journal of Biological Macromolecules, 2021, 183, 1436-1449.	3.6	17
7	Toxicity in vitro and in Zebrafish Embryonic Development of Gold Nanoparticles Biosynthesized Using Cystoseira Macroalgae Extracts. International Journal of Nanomedicine, 2021, Volume 16, 5017-5036.	3.3	16
8	Synthesis, process optimization and characterization of gold nanoparticles using crude fucoidan from the invasive brown seaweed Sargassum muticum. Algal Research, 2021, 58, 102377.	2.4	10
9	Synthesis of silver and gold nanoparticles by Sargassum muticum biomolecules and evaluation of their antioxidant activity and antibacterial properties. Journal of Nanostructure in Chemistry, 2020, 10, 317-330.	5.3	46
10	Seaweeds: A promising bionanofactory for ecofriendly synthesis of gold and silver nanoparticles. , 2020, , 507-541.		12
11	Immunostimulant and biocompatible gold and silver nanoparticles synthesized using the Ulva intestinalis L. aqueous extract. Journal of Materials Chemistry B, 2019, 7, 4677-4691.	2.9	37
12	Macroalgae to nanoparticles: Study of Ulva lactuca L. role in biosynthesis of gold and silver nanoparticles and of their cytotoxicity on colon cancer cell lines. Materials Science and Engineering C, 2019, 97, 498-509.	3.8	57
13	New application of two Antarctic macroalgae Palmaria decipiens and Desmarestia menziesii in the synthesis of gold and silver nanoparticles. Polar Science, 2018, 15, 49-54.	0.5	25
14	Harnessing the wine dregs: An approach towards a more sustainable synthesis of gold and silver nanoparticles. Journal of Photochemistry and Photobiology B: Biology, 2018, 178, 302-309.	1.7	16
15	Comparison of the effectiveness of several commercial products and two new copper complexes to control Pseudomonas syringae pv. actinidiae. Acta Horticulturae, 2018, , 247-252.	0.1	6
16	Nanometals in Cancer Diagnosis and Therapy. , 2018, , 407-428.		1
17	Synthesis, structural and spectroscopic studies of 2-oxoacenaphthylen-1(2H)-ylidene nicotinohydrazide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 172, 189-198.	2.0	1
18	Green synthesis of gold nanoparticles using brown algae Cystoseira baccata: Its activity in colon cancer cells. Colloids and Surfaces B: Biointerfaces, 2017, 153, 190-198.	2.5	204

#	Article	IF	Citations
19	Synthesis, spectral characterization and X-ray crystallographic study of new copper(I) complexes. Antitumor activity in colon cancer. Polyhedron, 2016, 119, 112-119.	1.0	9
20	Coated nickel foam electrode for the implementation of continuous electroâ€Fenton treatment. Journal of Chemical Technology and Biotechnology, 2016, 91, 685-692.	1.6	15
21	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. Inorganica Chimica Acta, 2015, 438, 160-167.	1.2	8
22	Gold Nanoparticles Enhancing Dismutation of Superoxide Radical by Its Bis(dithiocarbamato)copper(II) Shell. Inorganic Chemistry, 2011, 50, 4705-4712.	1.9	10
23	Chitosan and silver nanoparticles as pudding with raisins with antimicrobial properties. Journal of Colloid and Interface Science, 2011, 364, 80-84.	5.0	44
24	A copper(II) thiosemicarbazone complex built on gold for the immobilization of lipase and laccase. Journal of Colloid and Interface Science, 2010, 348, 96-100.	5.0	11
25	Evaluation of the antimicrobial activity of some chloro complexes of imidazole-2-carbaldehyde semicarbazone: X-ray crystal structure of cis-NiCl2(H2L)(H2O). Polyhedron, 2010, 29, 864-870.	1.0	28
26	Complexes of 2-acetyl-Î³-butyrolactone and 2-furancarbaldehyde thiosemicarbazones: Antibacterial and antifungal activity. Journal of Inorganic Biochemistry, 2009, 103, 35-42.	1.5	84
27	Antibacterial and antifungal activity of metal(II) complexes of acylhydrazones of 3-isatin and 3-(N-methyl)isatin. Polyhedron, 2009, 28, 2187-2195.	1.0	65
28	Building Layer-by-Layer a Bis(dithiocarbamato)copper(II) Complex on Au{111} Surfaces. Journal of the American Chemical Society, 2007, 129, 6927-6930.	6.6	26
29	Complexes of 2-thiophenecarbonyl and isonicotinoyl hydrazones of 3-(N-methyl)isatin.A study of their antimicrobial activity. Journal of Inorganic Biochemistry, 2007, 101, 138-147.	1.5	92
30	Sodium 2-oxo-3-semicarbazono-2,3-dihydro-1H-indole-5-sulfonate dihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, m241-m242.	0.4	5
31	Antimicrobial and mutagenic properties of organotin(IV) complexes with isatin and N-alkylisatin bisthiocarbonohydrazones. Journal of Inorganic Biochemistry, 2005, 99, 397-408.	1.5	84
32	Copper complexes of imidazole-2-, pyrrole-2- and indol-3-carbaldehyde thiosemicarbazones: Inhibitory activity against fungi and bacteria. Journal of Inorganic Biochemistry, 2005, 99, 2231-2239.	1.5	134
33	Isatin 3-semicarbazone and 1-methylisatin 3-semicarbazone. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o589-o592.	0.4	10
34	Cobalt and nickel complexes of versatile imidazole- and pyrrole-2-carbaldehyde thiosemicarbazones. Synthesis, characterisation and antimicrobial activity. Inorganica Chimica Acta, 2004, 357, 2543-2552.	1.2	53
35	Synthesis, characterization and biological activity of Ni, Cu and Zn complexes of isatin hydrazones. Journal of Inorganic Biochemistry, 2004, 98, 313-321.	1.5	193
36	Transition-metal complexes of isatin-Î²-thiosemicarbazone. X-ray crystal structure of two nickel complexes. Journal of Inorganic Biochemistry, 1999, 73, 7-15.	1.5	61

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37	Synthesis, structure, spectroscopic properties and biological activity of mixed diorganotin(IV) complexes containing pyridine-2-carbaldehyde thiosemicarbazonato and diphenyldithiophosphinato ligands. Journal of Inorganic Biochemistry, 1999, 76, 277-284.	1.5	32
38	Diorganotin(IV) complexes of pyridoxal thiosemicarbazone: Synthesis, spectroscopic properties and biological activity. Journal of Inorganic Biochemistry, 1998, 69, 283-292.	1.5	42
39	Acenaphthenequinone thiosemicarbazone and its transition metal complexes: Synthesis, structure, and biological activity. Journal of Inorganic Biochemistry, 1997, 66, 7-17.	1.5	54
40	Synthesis, structure, and spectroscopic properties of acetato (dimethyl) (pyridine-2-carbaldehydethiosemicarbazonato)tin(IV) acetic acid solvate, [SnMe2 (PyTSC)(OAc)].HOAc. Comparison of its biological activity with that of some structurally related diorganotin(IV) bis(thiosemicarbazonates). Journal of Inorganic Biochemistry, 1996, 62, 41-55.	1.5	43
41	2,6-Diacetylpyridine bis(thiosemicarbazones) zinc complexes: Synthesis, structure, and biological activity. Journal of Inorganic Biochemistry, 1995, 58, 157-175.	1.5	61
42	Cobalt(III) complexes with thiosemicarbazones as co-ordinating agents. Spontaneous resolution by crystallization and absolute configuration. Journal of the Chemical Society Dalton Transactions, 1995, , 3035-3040.	1.1	39
43	Transition-metal complexes of cyclohexane-1,2-dione bis(thiosemicarbazone)(H2L). Crystal structures of [ZnL(OH2)]Â·dmf (dmf = dimethylformamide) and [Zn(H2L)Cl]ClÂ·2H2O. Journal of the Chemical Society Dalton Transactions, 1995, , 2297-2303.	1.1	20
44	Diorganotin(IV) derivatives of salicylaldehydethiosemicarbazone. The crystal structure of dimethyl- and diphenyl- (salicylaldehydethiosemicarbazonato)tin(IV). Inorganica Chimica Acta, 1994, 216, 169-175.	1.2	61
45	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. Inorganica Chimica Acta, 1994, 221, 61-68.	1.2	46
46	(p-Anisaldehyde thiosemicarbazonato)dimethylthallium(III): an unusual structure for a co-ordinated thiosemicarbazone. Journal of the Chemical Society Dalton Transactions, 1993, , 353-354.	1.1	22
47	Dimethylthallium(III) and methylmercury(II) derivatives of pyridine-2-carbaldehyde thiosemicarbazone: synthesis and structure. Journal of the Chemical Society Dalton Transactions, 1993, , 1253-1259.	1.1	30
48	Synthesis, and spectral and X-ray characterization, of methylmercury(II) and dimethylthallium(III) complexes of 2-furanthiocarboxyhydrazide. Inorganica Chimica Acta, 1992, 197, 163-168.	1.2	5
49	The Crystal and Molecular Structure of Methyl(Cyclopentanone-Thiosemicarbazonato)Mercury(II). Journal of Coordination Chemistry, 1991, 24, 177-181.	0.8	17
50	Synthetic, spectroscopic, and X-ray studies on methylmercury(II) and dimethylthallium(III) complexes with cyclopentanone thiosemicarbazone. Journal of the Chemical Society Dalton Transactions, 1989, , 1787-1791.	1.1	28