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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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	2,6-Diacetylpyridine bis(thiosemicarbazones) zinc complexes: Synthesis, structure, and biological activity. Journal of Inorganic Biochemistry, 1995, 58, 157-175.	1.5	61
10	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
11	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
12	Acenaphthenequinone thiosemicarbazone and its transition metal complexes: Synthesis, structure, and biological activity. Journal of Inorganic Biochemistry, 1997, 66, 7-17.	1.5	54
13	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
14	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
15	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
16	Chitosan and silver nanoparticles as pudding with raisins with antimicrobial properties. Journal of Colloid and Interface Science, 2011, 364, 80-84.	5.0	44
17	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
18	Diorganotin(IV) complexes of pyridoxal thiosemicarbazone: Synthesis, spectroscopic properties and biological activity. Journal of Inorganic Biochemistry, 1998, 69, 283-292.	1.5	42

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	(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
28	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
29	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
30	The Crystal and Molecular Structure of Methyl(Cyclopentanone-Thiosemicarbazonato)Mercury(II). Journal of Coordination Chemistry, 1991, 24, 177-181.	0.8	17
31	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
32	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
33	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
34	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
35	Evaluation of the Antioxidant Capacities of Antarctic Macroalgae and Their Use for Nanoparticles Production. Molecules, 2021, 26, 1182.	1.7	13
36	Seaweeds: A promising bionanofactory for ecofriendly synthesis of gold and silver nanoparticles. , 2020, , 507-541.		12

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37	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
38	Isatin 3-semicarbazone and 1-methylisatin 3-semicarbazone. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o589-o592.	0.4	10
39	Gold Nanoparticles Enhancing Dismutation of Superoxide Radical by Its Bis(dithiocarbamato)copper(II) Shell. Inorganic Chemistry, 2011, 50, 4705-4712.	1.9	10
40	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
41	Immunomodulatory and Antitumoral Activity of Gold Nanoparticles Synthesized by Red Algae Aqueous Extracts. Marine Drugs, 2022, 20, 182.	2.2	10
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	Nanometals in Cancer Diagnosis and Therapy. , 2018, , 407-428.		1