

# Isabel Garcia-Santos

## List of Publications by Year in descending order

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69  
papers

1,637  
citations

279798

23  
h-index

302126

39  
g-index

72  
all docs

72  
docs citations

72  
times ranked

1818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lead(II) supramolecular structures formed through a cooperative influence of the hydrazinecarbothioamide derived and ancillary ligands. <i>CrystEngComm</i> , 2022, 24, 368-378.	2.6	7
2	Multicomponent Solids of DL-2-Hydroxy-2-phenylacetic Acid and Pyridinecarboxamides. <i>Crystals</i> , 2022, 12, 142.	2.2	4
3	Copper(I) derivatives of 4-benzoylpyridine thiosemicarbazone and 3-formylpyridine-N-methylthiosemicarbazone with triphenylphosphine as a co-ligand. <i>Journal of the Indian Chemical Society</i> , 2022, 99, 100298.	2.8	0
4	Supramolecular aggregation of lead(II) perchlorate and a thiosemicarbazide derivative linked by a myriad of non-covalent interactions. <i>Inorganica Chimica Acta</i> , 2022, 538, 120974.	2.4	4
5	Weak Interactions in Cocrystals of Isoniazid with Glycolic and Mandelic Acids. <i>Crystals</i> , 2021, 11, 328.	2.2	8
6	Supramolecular, spectroscopic and computational analysis of weak interactions in some thiosemicarbazones derived from 5-acetylbarbituric acid. <i>Journal of Molecular Structure</i> , 2021, 1245, 131031.	3.6	1
7	Multicomponent Crystalline Solid Forms of Pyridinecarboxamides and DL-2-Hydroxy-2-phenylacetic Acid. , 2021, 8, .		0
8	Structural basis and effect of copper(II) complexes with 4-oxo-thiazolidine ligands on DNA binding and nuclease activity. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110902.	3.5	9
9	Synthesis, structures, and novel antimicrobial activity of silver(I) halide complexes of imidazolidine-2-thiones. <i>Polyhedron</i> , 2020, 175, 114235.	2.2	11
10	Recurrent motifs in pharmaceutical cocrystals involving glycolic acid: X-ray characterization, Hirshfeld surface analysis and DFT calculations. <i>CrystEngComm</i> , 2020, 22, 6674-6689.	2.6	19
11	Interactions between Isoniazid and $\alpha$ -Hydroxycarboxylic Acids. <i>Chemistry Proceedings</i> , 2020, 3, .	0.1	0
12	Synthesis of 2-acetylpyridine-N-substituted thiosemicarbazones of copper(II) with high antimicrobial activity against methicillin resistant <i>S. aureus</i> , <i>K. pneumoniae</i> 1 and <i>C. albicans</i> . <i>New Journal of Chemistry</i> , 2019, 43, 11727-11742.	2.8	19
13	Structural Study of Three 1,2,4-triazole Derivatives Prepared by Oxidative Cyclization of Thiosemicarbazides. <i>Proceedings (mdpi)</i> , 2019, 9, 20.	0.2	0
14	Silver derivatives of multi-donor heterocyclic thioamides as antimicrobial/anticancer agents: unusual bio-activity against methicillin resistant <i>S. aureus</i> , <i>S. epidermidis</i> , and <i>E. faecalis</i> and human bone cancer MG63 cell line. <i>RSC Advances</i> , 2019, 9, 15470-15487.	3.6	23
15	Design and synthesis of methyl 2-[[4-phenyl-5-(pyridin-2-yl)-4H-1,2,4-triazol-3-yl]sulfanyl]acetate (phpy2NS) as a ligand for complexes of Group 12 elements: structural assessment and hydrogen-bonded supramolecular assembly analysis. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 891-903.	0.5	6
16	Synthesis and Characterization of Some 5-Acetylbarbituric Based Thiosemicarbazone Derivatives. <i>Proceedings (mdpi)</i> , 2019, 41, .	0.2	1
17	Quasi-aromatic Möbius Metal Chelates. <i>Inorganic Chemistry</i> , 2018, 57, 4395-4408.	4.0	32
18	Synthesis and Structural Assessment of Methyl 2-(4-Phenyl-5-(Pyridin-2-yl)-4H-1,2,4-Triazol-3-yl)Thioacetate (phpy2NS) and Its Complex with HgCl <sub>2</sub> . <i>Proceedings (mdpi)</i> , 2018, 2, 1115.	0.2	0

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19	Multicomponent Supramolecular Assemblies of Melamine and $\hat{\pm}$ -Hydroxycarboxylic Acids: Understanding the Hydrogen Bonding Patterns and Their Physicochemical Consequences. <i>Crystal Growth and Design</i> , 2018, 18, 6786-6800.	3.0	21
20	Thiosemicarbazones of copper: Crystal structures of [(furan-2-acetaldehyde-N-phenyl-thiosemicarbazonato)] [bis(triphenylphosphine)]copper(I) and [bis(furan-2-formaldehyde-N-phenyl-thiosemicarbazonato)]copper(II). <i>Polyhedron</i> , 2018, 152, 49-54.	2.2	1
21	Synthesis, structures and antimicrobial activity of copper derivatives of N-substituted imidazolidine-2-thiones: unusual bio-activity against <i>Staphylococcus epidermidis</i> and <i>Enterococcus faecalis</i> . <i>New Journal of Chemistry</i> , 2018, 42, 9886-9900.	2.8	11
22	Synthesis, structures, antimicrobial activity and biosafety evaluation of pyridine-2-formaldehyde- <i>N</i> -substituted-thiosemicarbazones of copper(II). <i>New Journal of Chemistry</i> , 2018, 42, 15879-15894.	2.8	24
23	Synthesis of 5-nitro-salicylaldehyde-N-substituted thiosemicarbazones of copper(II): Molecular structures, spectroscopy, ESI-mass studies and antimicrobial activity. <i>Inorganica Chimica Acta</i> , 2017, 461, 248-260.	2.4	16
24	Variable coordination and C=S bond cleavage activity of N-substituted imidazolidine-2-thiones towards copper: synthesis, spectroscopy, structures, ESI-mass and antimicrobial studies. <i>Dalton Transactions</i> , 2017, 46, 1324-1339.	3.3	16
25	In situ generation of functionalized 1,2,4-triazole-5-thiones containing pyridine or pyrazine moieties and their coordination to Hg <sup>II</sup> . <i>CrystEngComm</i> , 2016, 18, 3428-3446.	2.6	9
26	Stabilization of Cu(I) Bonds Using 2-Benzoylpyridine Thiosemicarbazones - Synthesis, Structure, Spectroscopy, Fluorescence, and Cyclic Voltammetry. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5106-5117.	2.0	11
27	Metallo-Supramolecular Structures by Self-Assembly through Weak Interactions in Mixed Ligand Metal Complexes of Adenine and Malonate. <i>Crystal Growth and Design</i> , 2014, 14, 249-260.	3.0	23
28	Supramolecular interactions in biologically relevant compounds. 2-Pyrazineformamide thiosemicarbazones and some products of their cyclization. <i>Journal of Molecular Structure</i> , 2014, 1074, 1-18.	3.6	14
29	Solid State Structures of Cadmium Complexes with Relevance for Biological Systems. <i>Metal Ions in Life Sciences</i> , 2013, 11, 145-189.	2.8	2
30	Luminescent complexes of silver(I) with pyridylbis(3-hexamethyleneimanyl thiosemicarbazone): effect of the counterion on the nuclearity. <i>Dalton Transactions</i> , 2012, 41, 3787.	3.3	15
31	Neutral Ni(II), Pd(II) and Pt(II) ONS-pincer complexes of 5-acetylbarbituric-4N-dimethylthiosemicarbazone: synthesis, characterization and properties. <i>Dalton Transactions</i> , 2012, 41, 13486.	3.3	53
32	Supramolecular Architecture in Gold(I) and Gold(III) 2-Pyridineformamide Thiosemicarbazone Complexes by Secondary Interactions: Synthesis, Structures, and Luminescent Properties. <i>Crystal Growth and Design</i> , 2012, 12, 1432-1442.	3.0	23
33	Ferromagnetic heterotrimeric Cu <sup>II</sup> -Ni complexes of a compartmental chiral Schiff base. <i>Dalton Transactions</i> , 2011, 40, 11770.	3.3	13
34	Synthesis, crystal structures and spectroscopy of meclofenamic acid and its metal complexes with manganese(II), copper(II), zinc(II) and cadmium(II). Antiproliferative and superoxide dismutase activity. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1187-1195.	3.5	73
35	Zinc(II) complexes of 2-acetyl pyridine 1-(4-fluorophenyl)-piperazinyl thiosemicarbazone: Synthesis, spectroscopic study and crystal structures - Potential anticancer drugs. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 467-476.	3.5	58
36	Structural and spectroscopic studies on some metal complexes of an 8-hydroxyquinoline derivative. <i>Inorganica Chimica Acta</i> , 2010, 363, 193-198.	2.4	29

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37	A manganese(II) coordination polymer with a 3D porous structure: Synthesis, structure, and spectroscopic and magnetic behaviour. <i>Polyhedron</i> , 2009, 28, 860-864.	2.2	5
38	Tin(IV) complexes with 2-pyridineformamide-derived thiosemicarbazones: Antimicrobial and potential antineoplastic activities. <i>Polyhedron</i> , 2009, 28, 1179-1185.	2.2	34
39	Structural and photophysical studies on a linear trinuclear zinc complex of 2-[(2-hydroxyethylimino)methyl]quinolin-8-ol. <i>Polyhedron</i> , 2009, 28, 3055-3059.	2.2	8
40	Synthesis, crystal structure and properties of three different derivatives of bis[di(2-pyridyl)methanediol]copper(II), [Cu(bpmd) <sub>2</sub> ] <sup>2+</sup> . <i>Journal of Coordination Chemistry</i> , 2009, 62, 120-129.	2.2	2
41	Stabilization of gold(I) and gold(III) complexes by pyridil bis[3-hexamethylene-iminylthiosemicarbazone]: spectroscopic, structural and computational study. <i>Dalton Transactions</i> , 2009, , 2731.	3.3	22
42	Synthesis, Structural Characterization and Properties of the Palladium(II) and Platinum(II) Complexes of 2-[(2-(pyridin-2-yl)aminomethylene]hydrazono}thiazolidin-4-one and the 3-methyl Derivative. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 2281-2290.	1.2	9
43	Desulfuration and Cyclization of (Z)-2-[(2-(pyridin-2-yl)aminomethylene]hydrazonocarbothioamide in the Presence of Manganese(II). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 2907-2916.	1.2	14
44	Organotin(IV) complexes of 2-pyridineformamide-derived thiosemicarbazones: Antimicrobial and cytotoxic effects. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 1454-1461.	5.5	62
45	Interligand interactions involved in the molecular recognition between copper(II) complexes and adenine or related purines. <i>Coordination Chemistry Reviews</i> , 2008, 252, 1241-1256.	18.8	72
46	Pt <sub>4</sub> S <sub>4</sub> Clusters with Functionalized Thiosemicarbazones derived from 5-Acetylbarbituric Acid. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 2255-2261.	1.2	6
47	Synthesis, characterization and DFT calculations of a novel hexanuclear silver(I) cluster-complex containing 4-ethyl-5-pyridin-2-yl-2,4-dihydro-[1,2,4]triazol-3-thione as a result from the cyclization of 2-pyridineformamide N-4-ethylthiosemicarbazone. <i>Polyhedron</i> , 2006, 25, 3653-3660.	2.2	40
48	Synthesis, Characterization, and Properties of Some Copper(II) Complexes of 2-Pyridineformamide Thiosemicarbazone (HAM4DH). <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1231-1244.	2.0	31
49	Symmetrisation in the Interaction of Chloro[2-(dimethylaminomethyl)phenyl-C1]mercury(II) with Thiosemicarbazone Derivatives of Pyridine-2-carboxamide and Pyrazin-2-carboxamide. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3079-3087.	2.0	21
50	Spectral and Structural Studies of Transition Metal Complexes of 2-Pyridineformamide N(4)-ethylthiosemicarbazone. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 728-738.	1.2	18
51	Variability in the Coordination Modes of 2-Pyridineformamide Thiosemicarbazone (HAM4DH) in some Zinc(II), Cadmium(II), and Mercury(II) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2011-2019.	1.2	23
52	Tricarbonylrhenium(I) Complexes with Thiosemicarbazone Derivatives of 2-Acetylpyridine and 2-Pyridine Formamide Showing Two Unusual Coordination Modes of Tridentate Thiosemicarbazone Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 1834-1836.	4.0	60
53	Oxorhenium(V) Complexes with Thiosemicarbazones. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 697-700.	1.2	14
54	Structural and Coordinative Variability in Zinc(II), Cadmium(II), and Mercury(II) Complexes of 2-Pyridineformamide 3-Hexamethyleneiminylthiosemicarbazone. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 1096-1109.	1.2	20

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55	Spectral and structural studies of Zn and Cd complexes of 2-pyridineformamide N(4)-ethylthiosemicarbazone. <i>Polyhedron</i> , 2004, 23, 2303-2313.	2.2	30
56	Synthesis and structures of dioxouranium complexes with 2-pyridineformamide thiosemicarbazones. <i>Inorganic Chemistry Communication</i> , 2004, 7, 440-442.	3.9	19
57	Stable gold(iii) complexes with thiosemicarbazone derivatives. <i>Dalton Transactions</i> , 2004, , 677-682.	3.3	57
58	Structural and spectral characterization of transition metal complexes of 2-pyridineformamide N(4)-dimethylthiosemicarbazone. <i>Polyhedron</i> , 2003, 22, 83-92.	2.2	83
59	Spectral and structural studies of mercury(II) complexes of 2-pyridineformamide N(4)-dimethylthiosemicarbazone. <i>Polyhedron</i> , 2003, 22, 1147-1154.	2.2	35
60	Structural Study of Nickel(II), Copper(II), and Palladium(II) Complexes of 2-Pyridineformamide 3-Hexamethyleneiminylthiosemicarbazone. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 409-415.	1.2	13
61	Coordination of ZnII, CdII, and HgII by 2-Pyridineformamide-3-piperidyl-thiosemicarbazone. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 492-504.	1.2	17
62	Structural studies of metal complexes of 2-pyridineformamide N(4)-methylthiosemicarbazone. <i>Polyhedron</i> , 2002, 21, 729-737.	2.2	46
63	Spectral studies and X-ray crystal structures of three nickel(II) complexes of 2-pyridineformamide 3-piperidylthiosemicarbazone. <i>Polyhedron</i> , 2002, 21, 859-865.	2.2	37
64	Iron(III), cobalt(II,III), copper(II) and zinc(II) complexes of 2-pyridineformamide 3-piperidylthiosemicarbazone. <i>Polyhedron</i> , 2001, 20, 3265-3273.	2.2	38
65	Structures of 2-pyridineformamide thiosemicarbazone and its complexes with cadmium halides. <i>Polyhedron</i> , 2000, 19, 1873-1880.	2.2	39
66	Spectral and structural studies of iron(III), cobalt(II,III) and nickel(II) complexes of 2-pyridineformamide N(4)-methylthiosemicarbazone. <i>Polyhedron</i> , 1999, 18, 2919-2929.	2.2	205
67	Microwave assisted synthesis, the most efficient method for the synthesis of thiazolidin-4-ones from thiosemicarbazones. , 0, , .		0
68	Copper(I) Derivative of Pyridine-3-carbaldehyde-N-ethylthiosemicarbazone and Triphenylphosphineâ€”First Case of Crystal Structure Study. <i>Journal of Chemical Crystallography</i> , 0, , 1.	1.1	0
69	Supramolecular Aggregation of Lead(Ii) Perchlorate and a Thiosemicarbazide Derivative Linked by a Myriad of Non-Covalent Interactions. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0