

# Guilherme P Guedes

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	New Families of Hetero-tri-spin $2p \sim 3d \sim 4f$ Complexes: Synthesis, Crystal Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2014, 53, 7508-7517.	4.0	79
2	Synthesis and mechanism of novel fluorescent coumarin- $\alpha$ -dihydropyrimidinone dyads obtained by the Biginelli multicomponent reaction. <i>New Journal of Chemistry</i> , 2015, 39, 2323-2332.	2.8	41
3	New Synthetic Route toward Heterometallic $3d \sim 3d \sim 4f$ Single-Molecule Magnets. The First Collinear Mn(III) Heterometallic Complex. <i>Inorganic Chemistry</i> , 2013, 52, 8309-8311.	4.0	33
4	First coordination compounds based on a bis(imino nitroxide) biradical and 4f metal ions: synthesis, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2016, 45, 2936-2944.	3.3	33
5	Synthesis of P-stereogenic diarylphosphinic amides by directed lithiation: transformation into tertiary phosphine oxides via methanolysis, aryne chemistry and complexation behaviour toward zinc(II). <i>Dalton Transactions</i> , 2016, 45, 2008-2022.	3.3	31
6	Binuclear Lanthanide-Radical Complexes Featuring Two Centers with Different Magnetic and Luminescence Properties. <i>Inorganic Chemistry</i> , 2016, 55, 11676-11684.	4.0	30
7	Two Cobalt(II) Cubane Compounds: The Key Role of Small Ligand Changes on the Crystal Packing and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5642-5648.	2.0	25
8	A new family of multinuclear mixed-ligand copper(II) clusters: Crystal structures, magnetic properties and catecholase-like activity. <i>Inorganica Chimica Acta</i> , 2016, 453, 104-114.	2.4	23
9	Two new coordination polymers involving Mn(II), Co(II), dicyanamide anion and the nitrogen ligand 5,5'-dimethyl-2,2'-dipyridine: Crystal structures and magnetic properties. <i>Polyhedron</i> , 2013, 50, 16-21.	2.2	21
10	Synthesis, Crystal Structures, and EPR Studies of First Mn(III)-Ln(III) Hetero-binuclear Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 326-334.	4.0	20
11	Magnetic Cationic Copper(II) Chains and a Mononuclear Cobalt(II) Complex Containing $[\text{Ln}(\text{hfac})_4]^{3-}$ Blocks as Counterions. <i>Inorganic Chemistry</i> , 2019, 58, 1976-1987.	4.0	18
12	Synthesis, crystal structures and magnetic behaviour of four coordination compounds constructed with a phosphinic amide-TEMPO radical and $[\text{M}(\text{hfac})_2]^{3-}$ ( $\text{M} = \text{Cu(II)}, \text{Tj ETQqO O O rgBT /Oval block 101f 50 297$ )		
13	New Ru(II)-DMSO complexes containing coumarin-N-acylhydrazone hybrids: Synthesis, X-ray structures, cytotoxicity and antimicrobial activities. <i>Polyhedron</i> , 2019, 171, 20-31.	2.2	16
14	Synthesis, crystal structure and magnetism of three novel copper(II) complexes with pyrazole-based ligands. <i>Journal of Molecular Structure</i> , 2012, 1011, 99-104.	3.6	15
15	Heptanuclear cobalt(II) dicubane compounds with single-molecule magnet behavior. <i>Inorganic Chemistry Communication</i> , 2013, 37, 101-105.	3.9	15
16	Novel Co(III) complexes containing fluorescent coumarin-N-acylhydrazone hybrid ligands: Synthesis, crystal structures, solution studies and DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 187, 130-142.	3.9	15
17	Synthesis, crystal structure, magnetism and specific heat of a new copper(II) compound with p-aminobenzoic acid. <i>Inorganica Chimica Acta</i> , 2011, 378, 134-139.	2.4	14
18	Investigation of cobalt(III)-phenylalanine complexes for hypoxia-activated drug delivery. <i>Dalton Transactions</i> , 2020, 49, 16425-16439.	3.3	14

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19	Two copper(II)-nitronyl nitroxide radical dimers with a bulky $\beta^2$ -diketonate: Synthesis, structure and magnetic behavior. <i>Inorganic Chemistry Communication</i> , 2012, 23, 59-62.	3.9	13
20	Mononuclear and dinuclear iron(III) compounds with $\beta^2$ -diketonate ligands: Synthesis, magnetic behavior and DFT calculations. <i>Solid State Sciences</i> , 2013, 18, 10-16.	3.2	12
21	Quinolone-N-acylhydrazone hybrids as potent Zika and Chikungunya virus inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126881.	2.2	11
22	Synthesis and characterization of new 1H-pyrazolo[3,4-b]pyridine phosphoramidate derivatives. <i>Arkivoc</i> , 2014, 2014, 38-50.	0.5	10
23	Synthesis of P-stereogenic compounds based on the diastereoselective ortho-lithiation of phosphinimidic amides. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 53-66.	1.8	10
24	A New Quartz-like Metal-Organic Framework Constructed from a Versatile Pyrazole-Based Spacer. <i>Crystal Growth and Design</i> , 2015, 15, 1027-1030.	3.0	9
25	Redox-Activated Drug Delivery Properties and Cytotoxicity of Cobalt Complexes Based on a Fluorescent Coumarin- $\beta^2$ -Keto Ester Hybrid. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4031-4039.	2.0	9
26	Mononuclear coordination compounds containing a pyrazole-based ligand: Syntheses, magnetism and acetylcholinesterase inhibition assays. <i>Journal of Molecular Structure</i> , 2020, 1205, 127564.	3.6	9
27	Synthesis, anti-Trypanosoma cruzi activity and quantitative structure relationships of some fluorinated thiosemicarbazones. <i>Journal of Fluorine Chemistry</i> , 2017, 195, 31-36.	1.7	8
28	Synthesis, crystal structure, magnetic properties and DFT calculations of a mononuclear copper(II) complex: Relevance of halogen bonding for magnetic interaction. <i>Inorganica Chimica Acta</i> , 2018, 482, 395-401.	2.4	8
29	Crystal structure and spectroscopy properties of new Pt(II) complexes containing 5-alkyl-1,3,4-oxadiazol-2-thione derivatives. <i>Journal of Molecular Structure</i> , 2021, 1226, 129250.	3.6	8
30	Synthesis, Crystal Structures, and in Silico Toxicity Prediction of Thienopyridine Phosphoramidates. <i>Synthetic Communications</i> , 2013, 43, 3373-3386.	2.1	7
31	Two co-crystalline $M(\text{hfac})_2(\text{IPhN})_2 \cdot M(\text{hfac})_2$ ( $M = \text{Mn, Co}$ ) compounds with a bis(iminonitroxide) biradical: structure and magnetism. <i>New Journal of Chemistry</i> , 2013, 37, 1927.	2.8	7
32	Regioselective synthesis of imines (2-( <i>N</i> -amine-3-( <i>N</i> -(phenylmethylene)-5-pyridine) in water under microwave irradiation. <i>Cogent Chemistry</i> , 2016, 2, 1207863.	2.5	7
33	Synthesis of copper(II) and zinc(II) complexes with chalcone-thiosemicarbazone hybrid ligands: X-ray crystallography, spectroscopy and yeast activity. <i>Transition Metal Chemistry</i> , 2018, 43, 739-751.	1.4	7
34	DNA-interacting properties of two analogous square-planar cis-chlorido complexes: copper versus palladium. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 727-740.	2.6	7
35	Building-up host-guest helicate motifs and chains: a magneto-structural study of new field-induced cobalt-based single-ion magnets. <i>Dalton Transactions</i> , 2021, 50, 10707-10728.	3.3	6
36	Synthesis and antimalarial activity of thioetherhydroxyethylsulfonamides, potential aspartyl protease inhibitors, Part 3. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5688-5693.	5.5	5

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37	Macroscopic quantum tunneling of magnetization explored by quantum-first-order reversal curves. Applied Physics Letters, 2013, 103, .	3.3	5
38	Synthesis, Crystal Structure and Magnetic Properties of a Novel Heterobimetallic Rhenium(IV)â€“Dysprosium(III) Chain. Chemistry - A European Journal, 2015, 21, 8696-8700.	3.3	5
39	Synthesis, Magnetic and High-Field EPR Investigation of Two Tetranuclear Ni<sup>II</sup>-Based Complexes. Inorganic Chemistry, 2019, 58, 14420-14428.	4.0	5
40	Synthesis, structural characterization and electrochemical and magnetic studies of M(hfac)<sub>2</sub> (M = Cu<sup>II</sup>, Co<sup>II</sup>) and Nd(hfac)<sub>3</sub> complexes of 4-amino-TEMPO. Dalton Transactions, 2020, 49, 6280-6294.	3.3	5
41	Dimethyl sulfoxide oxidation mediated by a copper(II) diamine complex: A possible source of problem in the synthesis of molecular magnetic compounds. Polyhedron, 2009, 28, 2026-2028.	2.2	4
42	Effects of Cu(II) and Zn(II) coordination on the trypanocidal activities of curcuminoid-based ligands. Inorganica Chimica Acta, 2020, 501, 119237.	2.4	4
43	Synthesis, crystal structures and magnetic properties of a P-stereogenic <i>ortho</i>-(4-amino-tempo)phosphinic amide radical and its Cu<sup>II</sup> complex. Dalton Transactions, 2021, 50, 2585-2595.	3.3	4
44	Field-induced single-ion magnets exhibiting tri-axial anisotropy in a 1D Co(<sc>ii</sc>) coordination polymer with a rigid ligand 4,4â€“(buta-1,3-diyne-1,4-diyl)dibenzoate. Dalton Transactions, 2021, 50, 15003-15014.	3.3	4
45	Antibacterial Activity of Thioetherhydroxyethylsulfonamide Derivatives. Medicinal Chemistry, 2014, 10, 271-276.	1.5	4
46	New step-by-step hexanuclear copper(II) compound: Synthesis, crystal structure and magnetic properties. Inorganic Chemistry Communication, 2017, 86, 62-65.	3.9	3
47	Spin-frustration with two quasi-degenerated spin states of a copper(<sc>ii</sc>) heptanuclear complex obtained from an amino acid ligand. Dalton Transactions, 2020, 49, 16359-16367.	3.3	3
48	Cytotoxicity evaluation and DNA interaction of Ru<sup>II</sup>-bipy complexes containing coumarin-based ligands. Dalton Transactions, 2021, 50, 14908-14919.	3.3	3
49	Novel P,P-diphenylphosphinic amide-TEMPO radicals family: Synthesis, crystal structures, spectroscopic characterization, magnetic properties and DFT calculations. Polyhedron, 2018, 144, 166-175.	2.2	2
50	Coordination polymers containing a pyrazole-based ligand and 4,4â€“bipyridine as a spacer: enhancing the family of nonzero-dimensional compounds featuring single-ion magnetic behavior. Inorganic Chemistry Communication, 2020, 121, 108201.	3.9	2
51	Heterobimetallic metallacrown of EuIII/CuII5 with 5-methyl-2-pyrazinehydroxamic acid: Synthesis, crystal structure, magnetism, and the influence of CuII ions on the photoluminescent properties. Polyhedron, 2021, 209, 115466.	2.2	2
52	Two coordination polymers containing the dicyanamide ligand: Synthesis, crystal structures, and HFEP studies. Inorganica Chimica Acta, 2016, 451, 59-64.	2.4	1
53	Compostos magnÃ©ticos moleculares: o desenvolvimento de novos materiais magnÃ©ticos nanoestruturados. Quimica Nova, 2010, 33, 1756-1764.	0.3	1
54	Homobinuclear compounds based on a chiral oxazolidine ligand: From solid state study to aqueous solution dynamics. Inorganica Chimica Acta, 2022, 529, 120664.	2.4	1

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55	Inter and intra-phase conformerism in two calix [4]arenes. Journal of Molecular Structure, 2019, 1198, 126849.	3.6	0
56	A Novel ZnII Complex Bearing Two Monodentate (4-Methoxyphenyl)[(1E, 2E)-3-phenylprop-2-en-1-ylidene] Schiff Bases: Crystal Structure and DFT Study. Journal of Chemistry, 2019, 2019, 1-6.	1.9	0
57	New Pair of 2-Amino-naphthoxazoles Derived from $\hat{2}$ -Lapachone: Synthesis, Spectral Evaluation and Crystal Structure. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
58	4-Methoxy-N,N $\hat{2}$ -diphenylbenzamidinium nitrate. IUCrData, 2016, 1, .	0.3	0
59	Inspecting the role of synthons in the electronic transition of N-heterocyclic compounds. Journal of Molecular Structure, 2022, 1257, 132530.	3.6	0