

# Isabel C Santos

## List of Publications by Citations

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171 papers	2,842 citations	30 h-index	42 g-index
175 ext. papers	3,035 ext. citations	3.6 avg, IF	4.55 L-index

#	Paper	IF	Citations
171	Transport properties of the oxides $Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}$ (0 . <i>Physical Review B</i> , <b>1988</b> , 37, 7476-7481	3.3	146
170	[U(Tp(Me <sub>2</sub> )) <sub>2</sub> (bipy)] <sup>+</sup> : a cationic uranium(III) complex with single-molecule-magnet behavior. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 9915-7	5.1	111
169	Purification of metallurgical grade silicon by acid leaching. <i>Hydrometallurgy</i> , <b>1990</b> , 23, 237-246	4	84
168	Electrochemical and structural studies of nickel(II) complexes with N <sub>2</sub> O <sub>2</sub> Schiff base ligands 2. Crystal and molecular structure of N,N'-1,2-ethane-1,2-diyl-bis(2-hydroxyacetophenonylideneimine)nickel(II), N, N'-1,2-cis	2.7	73
167	cyclohexane-1,2-diyl-bis(2-hydroxyacetophenonylideneimine)- nickel(II) and Copper(II) complexes with tridentate pyrazole-based ligands; synthesis, characterization, DNA <sub>1</sub> cleavage activity and cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 637-44	4.2	60
166	Two-electron versus one-electron reduction of chalcogens by uranium(III): synthesis of a terminal U(V) persulfide complex. <i>Chemical Science</i> , <b>2014</b> , 5, 841-846	9.4	54
165	Rhenium and technetium tricarbonyl complexes anchored by pyrazole-based tripods: novel lead structures for the design of myocardial imaging agents. <i>Dalton Transactions</i> , <b>2007</b> , 3010-9	4.3	54
164	Transition metal bisdithiolene complexes based on extended ligands with fused tetrathiafulvalene and thiophene moieties: new single-component molecular metals. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 9841-9	4.8	54
163	Very small and soft scorpionates: water stable technetium tricarbonyl complexes combining a bis-agostic (k(3)-H, H, S) binding motif with pendant and integrated bioactive molecules. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 14590-8	16.4	53
162	[Fe(nsal2trien)]SCN, a new two-step iron(III) spin crossover compound, with symmetry breaking spin-state transition and an intermediate ordered state. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 3845-50	5.1	52
161	Low-dimensional molecular metals bis(maleonitriledithiolato)bis(perylene)metal, metal = iron and cobalt. <i>Inorganic Chemistry</i> , <b>1992</b> , 31, 2598-2604	5.1	51
160	A Series of Transition Metal Bis(dicyanobenzenedithiolate) Complexes [M(dcbdt) <sub>2</sub> ] (M = Fe, Co, Ni, Pd, Pt, Cu, Au and Zn). <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 1318-1329	2.3	50
159	Synthesis and structural studies of rhenium(I) tricarbonyl complexes with thione containing chelators. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 4773-4778	2.3	48
158	Slow magnetic relaxation in lanthanide ladder type coordination polymers. <i>Dalton Transactions</i> , <b>2014</b> , 43, 1897-905	4.3	42
157	Lanthanide(III) complexes of 4,10-bis(phosphonomethyl)-1,4,7,10-tetraazacyclododecane-1,7-diacetic acid (trans-H <sub>6</sub> do2a2p) in solution and in the solid state: structural studies along the series. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 8116-15	4.8	41
156	Diamine Bis(phenolate) M(III) (Y, Ti) Complexes: Synthesis, Structures, and Reactivity. <i>Organometallics</i> , <b>2009</b> , 28, 3449-3458	3.8	40
155	A new bisphosphonate-containing (99m)Tc(I) tricarbonyl complex potentially useful as bone-seeking agent: synthesis and biological evaluation. <i>Journal of Biological Inorganic Chemistry</i> , <b>2007</b> , 12, 667-79	3.7	37

154	99mTc(CO) <sub>3</sub> -labeled pamidronate and alendronate for bone imaging. <i>Dalton Transactions</i> , <b>2011</b> , 40, 2787-96	4.3	34
153	Rhenium and technetium complexes bearing quinazoline derivatives: progress towards a 99mTc biomarker for EGFR-TK imaging. <i>Dalton Transactions</i> , <b>2008</b> , 3215-25	4.3	34
152	Synthesis, structure and properties of [Hpy] <sub>2</sub> [{M(mnt) <sub>2</sub> } <sub>2</sub> ] (M = Co or Fe, Hpy = pyridinium, mnt = maleonitriledithiolate). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1994</b> , 2655		34
151	Low-dimensional molecular conductors (Per) <sub>2</sub> M(mnt) <sub>2</sub> , Per = perylene, mnt = maleonitrile dithiolate, M = copper or nickel: low- and high-conductivity phases. <i>The Journal of Physical Chemistry</i> , <b>1991</b> , 95, 4263-4267		33
150	Anthracene-terpyridine metal complexes as new G-quadruplex DNA binders. <i>Journal of Inorganic Biochemistry</i> , <b>2016</b> , 160, 275-86	4.2	32
149	Effect of Molecular Stacking on Exciton Diffusion in Crystalline Organic Semiconductors. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 7104-10	16.4	32
148	Diamine Bis(phenolate) as Supporting Ligands in Organoactinide(IV) Chemistry. Synthesis, Structural Characterization, and Reactivity of Stable Dialkyl Derivatives. <i>Organometallics</i> , <b>2013</b> , 32, 1409-1422	3.8	32
147	Alkaline side-coordination strategy for the design of nickel(II) and nickel(III) bis(1,2-diselenolene) complex based materials. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 3631-41	5.1	32
146	Synthesis, Structure and Physical Properties of Tetrabutylammonium Salts of Nickel Complexes with the New Ligand dcbdt = 4,5-dicyanobenzene-1,2-dithiolate, [Ni(dcbdt) <sub>2</sub> ] <sup>z-</sup> (z = 0.4, 1, 2). <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 3119-3126	2.3	32
145	Uranium(III) redox chemistry assisted by a hemilabile bis(phenolate) cyclam ligand: uranium-nitrogen multiple bond formation comprising a trans-{[RN?U(VI)?NR]}(2+) complex. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 9115-26	5.1	31
144	Thermal hysteresis in a spin-crossover Fe(III) quinolylsalicylaldimine complex, Fe(III)(5-Br-qsal) <sub>2</sub> Ni(dmit) <sub>2</sub> ·2solv: solvent effects. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 1354-62	5.1	31
143	Tris(pyrazolyl)methane 99mTc tricarbonyl complexes for myocardial imaging. <i>Dalton Transactions</i> , <b>2009</b> , 603-6	4.3	31
142	Organic Spin Ladders from Tetrathiafulvalene (TTF) Derivatives. <i>Advanced Functional Materials</i> , <b>2005</b> , 15, 1023-1035	15.6	31
141	A new hybrid material exhibiting room temperature spin-crossover and ferromagnetic cluster-glass behavior. <i>CrystEngComm</i> , <b>2009</b> , 11, 2160	3.3	28
140	Multistability in a family of DTTF organic radical based compounds (DTTF) <sub>4</sub> [M(L) <sub>2</sub> ] <sub>3</sub> (M = Au, Cu; L = pds, pdt, bdt). <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 3187		26
139	A Mononuclear Uranium(IV) Single-Molecule Magnet with an Azobenzene Radical Ligand. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17817-26	4.8	25
138	(n-Bu <sub>4</sub> N) <sub>2</sub> [Fe(dcbdt) <sub>2</sub> ] <sub>2</sub> . Synthesis, crystal structure and magnetic characterisation. <i>Polyhedron</i> , <b>2003</b> , 22, 2481-2486	2.7	25
137	Crystal structure diversity in the bis[hydrotris(3,5-dimethylpyrazolyl)borate]iodouranium(III) complex: from neutral to cationic forms. <i>Dalton Transactions</i> , <b>2013</b> , 42, 8861-7	4.3	24

- 136 Complexes based on asymmetrically substituted pyridine-dithiolene ligands [M(4-pedt)2] (M=Au, Cu, Ni; 4-pedt=1-(pyridin-4-yl)-ethylene-1,2-dithiolate): Synthesis, structure and physical properties. *Polyhedron*, **2009**, 28, 1069-1078 2.7 24
- 135 Synthesis and characterization of uranium(III) compounds supported by the hydrotris(3,5-dimethyl-pyrazolyl)borate ligand: Crystal structures of [U(TpMe2)2(X)] complexes (X = OC6H2-2,4,6-Me3, dmpz, Cl). *Polyhedron*, **2005**, 24, 3038-3045 2.7 24
- 134 Rhenium(I) tricarbonyl complexes with poly(azolyl)borates generated in situ from an organometallic precursor containing the B-H...Re coordination motif. *Inorganic Chemistry*, **2009**, 48, 4251-4257 5.7 23
- 133 Synthesis, characterization and cytotoxic activity of gallium(III) complexes anchored by tridentate pyrazole-based ligands. *Journal of Inorganic Biochemistry*, **2010**, 104, 523-32 4.2 22
- 132 Copper, Cobalt and Platinum Complexes with Dithiothiophene-Based Ligands. *European Journal of Inorganic Chemistry*, **2005**, 2005, 3337-3345 2.3 22
- 131 New ternary bipyridine-terpyridine copper(II) complexes as self-activating chemical nucleases. *RSC Advances*, **2014**, 4, 61363-61377 3.7 21
- 130 Pt(II) complexes with bidentate and tridentate pyrazolyl-containing chelators: synthesis, structural characterization and biological studies. *Dalton Transactions*, **2011**, 40, 5781-92 4.3 21
- 129 Searching for switchable molecular conductors: Salts of [M(dcbdt)2] (M = Ni, Au) anions with [Fe(sal2-trien)]+ and [Fe(phen)3]2+. *Inorganica Chimica Acta*, **2007**, 360, 3887-3895 2.7 21
- 128 Synthesis and in vitro evaluation of fluorinated styryl benzazoles as amyloid-probes. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 7698-710 3.4 20
- 127 Targeting nitric oxide synthase with 99mTc/Re-tricarbonyl complexes containing pendant guanidino or isothiourea moieties. *Journal of Organometallic Chemistry*, **2011**, 696, 1057-1065 2.3 20
- 126 (DT-TTF)2[Au(mnt)2]: a weakly disordered molecular spin-ladder system. *Inorganic Chemistry*, **2013**, 52, 5300-6 5.1 19
- 125 Synthesis and characterization of Fe(III)(3-CH3O-qsal)2PF6·nH2O (n=0, 2). *Inorganica Chimica Acta*, **2009**, 362, 2076-2079 2.7 19
- 124 Synthesis and reactivity of uranium(IV) amide complexes supported by a triamidotriazacyclononane ligand. *Dalton Transactions*, **2006**, 3368-74 4.3 19
- 123 Perylene salts with tetrahalogenoferrate(III) anions. Synthesis, crystal structure of [(C20H12)3][FeCl4] and characterisation. *Journal of the Chemical Society Dalton Transactions*, **1995**, 3543-3549 19
- 122 Neutral gold and nickel bis[1-(pyridin-4-yl)-ethylene-1,2-dithiolene] complexes: Synthesis, structure and physical properties. *Polyhedron*, **2012**, 39, 91-98 2.7 18
- 121 The family of molecular conductors [(n-Bu)4N]2[M(dcbdt)2]5, M = Cu, Ni, Au; band filling and stacking modulation effects. *Journal of Materials Chemistry*, **2008**, 18, 2825 18
- 120 Influence of the ligand donor atoms on the in vitro stability of rhenium(I) and technetium (I)-99m complexes with pyrazole-containing chelators: Experimental and DFT studies. *Journal of Organometallic Chemistry*, **2009**, 694, 950-958 2.3 17
- 119 The uranium-nitrogen bond in U IV complexes supported by the hydrotris(3,5-dimethylpyrazolyl)borate ligand. *Dalton Transactions*, **2005**, 3353-8 4.3 17

- 118 Synthesis and characterisation of charge transfer salts based on Au(dcdmp)<sub>2</sub> and TTF type donors. *Synthetic Metals*, **1999**, 102, 1751-1752 3.6 17
- 117 Pyridine-Functionalised (Vinylenedithio)tetrathiafulvalene (VDT-TTF) Derivatives and Their Dithiolene Analogues. *European Journal of Inorganic Chemistry*, **2009**, 2009, 3084-3093 2.3 16
- 116 Tetrapyridine and Tetrapyrazine TTF Derivatives: Synthesis, Characterization and Preparation of a Bimetallic Coll Complex. *European Journal of Inorganic Chemistry*, **2008**, 2008, 4728-4734 2.3 16
- 115 (n-Bu<sub>4</sub>N)[Fe(cbdt)<sub>2</sub>]: Synthesis, crystal structure and magnetic characterisation of a new Fe<sup>III</sup> bisdithiolene complex. *Inorganica Chimica Acta*, **2008**, 361, 3836-3841 2.7 16
- 114 Magnetic properties of RBzPy[Ni(μ-pdt)<sub>2</sub>] (R = H, Br, F): effects of cis/trans disorder. *Journal of Materials Chemistry*, **2006**, 16, 2746-2756 16
- 113 Crystal Structure and Magnetic Behavior of [(C(2)H(5))(4)N](2)Cu(5)Cl(12). A Novel Two-Dimensional Copper(II) Halide Network Derived from the CuCl(2) Structure. *Inorganic Chemistry*, **1996**, 35, 168-172 5.1 16
- 112 Bilayer Molecular Metals Based on Dissymmetrical Electron Donors. *Inorganic Chemistry*, **2015**, 54, 6677-6681 9.1 15
- 111 A novel samarium(ii) complex bearing a dianionic bis(phenolate) cyclam ligand: synthesis, structure and electron-transfer reactions. *Dalton Transactions*, **2016**, 45, 3778-90 4.3 15
- 110 Synthesis, structure and physical properties of transition metal bis 4-cyanobenzene-1,2-dithiolate complexes [M(cbdt)<sub>2</sub>]<sub>z</sub> [M = Zn, Co, Cu, Au, Ni, Pd, z = 0, 1, 2]. *Polyhedron*, **2012**, 44, 228-237 2.7 15
- 109 Synthesis and characterization of copper complexes with the 2,3-dicyano-5,6-dimercaptopyrazine ligand: Magnetic properties of a ferrocenium salt. *Polyhedron*, **2005**, 24, 2035-2042 2.7 15
- 108 Preparation, structural, electrical and magnetic properties of tetrathiafulvalene-Au(pds)<sub>2</sub> salts (pds = pyrazine-2,3-diselenolate). *Journal of Materials Chemistry*, **2001**, 11, 2108-2117 15
- 107 Synthesis, structural studies and antimicrobial activities of manganese, nickel and copper complexes of two new tridentate 2-formylpyridine thiosemicarbazone ligands. *Inorganic Chemistry Communication*, **2018**, 96, 194-201 3.1 14
- 106 Synthesis and characterization of the cyanobenzene-ethylenedithio-TTF donor. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 951-6 2.5 14
- 105 Syntheses of bifunctional 2,3-diamino propionic acid-based chelators as small and strong tripod ligands for the labelling of biomolecules with (99m)Tc. *Organic and Biomolecular Chemistry*, **2010**, 8, 2829-39 3.9 14
- 104 Ferromagnetism in Charge Transfer Salts Based on Metallocenes and Nickel Bis-Dithiolenes. *Molecular Crystals and Liquid Crystals*, **1997**, 306, 17-24 14
- 103 A new approach to divalent thio-azo ligands; Ni(dpesdt)<sub>2</sub>. *Inorganica Chimica Acta*, **2007**, 360, 3797-3801 2.7 14
- 102 Study of the cyclen derivative 2-[1,4,7,10-tetraazacyclododecan-1-yl]-ethanethiol and its complexation behaviour towards d-transition metal ions. *Polyhedron*, **2007**, 26, 3763-3773 2.7 14
- 101 Metallocenium Salts of Nickel Bis(μ-thiophenedithiolate) [M(Cp\*)<sub>2</sub>][Ni(μ-pdt)<sub>2</sub>] (M = Fe, Mn, Cr) □ Metamagnetism and Magnetic Frustration. *European Journal of Inorganic Chemistry*, **2008**, 2008, 5327-5337 2.3 14

100	Mixed-Ligand Rhenium Tricarbonyl Complexes Anchored on a (2-H,S) Trihydro(mercaptoimidazolyl)borate: A Missing Binding Motif for Soft Scorpionates. <i>Organometallics</i> , <b>2008</b> , 27, 1334-1337	3.8	14
99	Crystal structure and spin crossover behavior of the [Fe(5-Cl-qsal)2][Ni(dmit)2]·2CH3CN complex. <i>Polyhedron</i> , <b>2015</b> , 85, 643-651	2.7	13
98	Polymorphism and Superconductivity in Bilayer Molecular Metals (CNB-EDT-TTF)I. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10343-10350	5.1	13
97	Synthesis, characterization and biological evaluation of In(III) complexes anchored by DOTA-like chelators bearing a quinazoline moiety. <i>Metallomics</i> , <b>2010</b> , 2, 571-80	4.5	13
96	Thio-azo proligands based on 5,6-derivatives-1,10-phenanthroline and their use for iron(II) complexes: Synthesis, characterization and crystal structures. <i>Polyhedron</i> , <b>2008</b> , 27, 1999-2006	2.7	13
95	5,6-Dicyano-2,3-dithiopyrazine (dcdmp) chemistry: synthesis and crystal structure of Au(III)(dcdmp)2 complexes and 2,3,7,8-tetracyano-1,4,6,9-tetraazothianthrene. <i>Polyhedron</i> , <b>2004</b> , 23, 1351-1359	2.7	13
94	Rare earth metal complexes anchored on a new dianionic bis(phenolate)dimethylamineCyclam ligand. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 728, 57-67	2.3	12
93	Synthesis and structural studies of mixed-ligand rhenium(V) complexes anchored by tridentate pyrazole-based ligands. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 2807-2813	2.7	12
92	Cation and ligand roles in the coordination of FeIII bisdithiolene complexes; the crystal structures of (BrBzPy)2[Fe(qdt)2]2 and [Fe(μpdt)2]2·2 salts. <i>CrystEngComm</i> , <b>2009</b> , 11, 1046	3.3	12
91	Synthesis and characterization of the novel extended TTF-type donors with thiophenic units. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3909-3914	2.7	12
90	[Fe(qdt)2]2 salts; an undimerised FeIII bisdithiolene complex stabilised by cation interactions. <i>CrystEngComm</i> , <b>2006</b> , 8, 658-661	3.3	12
89	Magnetic and electrical properties of (DT-TTF)4 [Au(pds)2]3. <i>Polyhedron</i> , <b>2003</b> , 22, 2447-2452	2.7	12
88	Conductors based on metal-bisdicyanobenzodithiolate complexes. <i>Synthetic Metals</i> , <b>2003</b> , 133-134, 397-399	3.09	12
87	Synthesis and Magnetic Properties of Decamethylmetallocenium Salts of the Monoanionic Complex [Ni(tds)2]. <i>Molecular Crystals and Liquid Crystals</i> , <b>1999</b> , 335, 81-90		12
86	Magnetic properties of [Fe(Cp*)2]+ salts of M(dmit)2 and M(dmio)2 (M = Ni, Pd and Pt) anions. <i>Synthetic Metals</i> , <b>1999</b> , 103, 2302-2303	3.6	12
85	Cyanobenzene-1,4-ethylenedithio-1,4-trithiafulvalene Salts with ClO4- Bilayer Polymorphs and Different Stoichiometries. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 2801-2808	3.5	11
84	Gold and nickel alkyl substituted bis-thiophenedithiolene complexes: anionic and neutral forms. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 270-280	6.8	11
83	Biophysical characterization and antineoplastic activity of new bis(thiosemicarbazonato) Cu(II) complexes. <i>Journal of Inorganic Biochemistry</i> , <b>2017</b> , 167, 68-79	4.2	11



82	5-Methylthiophene-2,3-dithiolene Transition Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3989-3999	2.3	10
81	99mTc/Re Tricarbonyl Complexes with Tridentate Cysteamine Based Ligands: Synthesis, Characterization and in vitro/in vivo Evaluation. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 5405-5413	2.3	10
80	Perylene derivative charge transfer salts: synthesis, crystal structure and characterisation of (pet) <sub>3</sub> [Ni(mnt) <sub>2</sub> ] <sub>2</sub> . <i>Journal of Materials Chemistry</i> , <b>1997</b> , 7, 2387-2392		10
79	Rhenium(V) oxocomplexes with novel pyrazolyl-based N4- and N3S-donor chelators. <i>Dalton Transactions</i> , <b>2006</b> , 5630-40	4.3	10
78	Charge-Transfer Salts Based on a Dissymmetrical Cyano-Substituted Tetrathiafulvalene Donor. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 1287-1292	2.3	9
77	Dithiophene-tetrathiafulvalene [A Detailed Study of an Electronic Donor and Its Derivatives. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 2440-2446	2.3	9
76	Ni-2,3-thiophenedithiolate Anions in New Architectures: An In-Line Mixed-Valence Ni Dithiolene (Ni <sub>4</sub> S <sub>12</sub> ) Cluster. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 4807-4815	2.3	9
75	Synthesis and crystal structure of copper and gold complexes of 1,2,5-thiadiazole-3,4-dithiolate. Charge transfer salt with TTF. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 565-568	3.1	9
74	On the path to gold: Monoanionic Au bisdithiolate complexes with antimicrobial and antitumor activities. <i>Journal of Inorganic Biochemistry</i> , <b>2020</b> , 202, 110904	4.2	9
73	CO conversion to phenyl isocyanates by uranium(vi) bis(imido) complexes. <i>Chemical Communications</i> , <b>2020</b> , 56, 431-434	5.8	9
72	A 4-cyanobenzene-ethylenedithio-TTF electron donor and its (1 : 1) triiodide radical cation salt; isomer effects in C $\pi$ ?H $\pi$ interactions. <i>CrystEngComm</i> , <b>2019</b> , 21, 637-647	3.3	8
71	(DT-TTF) <sub>2</sub> [Pd(mnt) <sub>2</sub> ]: An unusual ionic salt. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2012</b> , 9, 1134-1136		8
70	Magnetic Coupling and Anisotropy in a Series of Mixed Chain Charge-Transfer Salts [M(Cp*) <sub>2</sub> ][M'(tds) <sub>2</sub> ] (M = Fe, Mn, Cr; M' = Ni, Pt). <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 3839-3851	2.3	8
69	Charge transfer salts based on M(dcbdt) <sub>2</sub> complexes (M=Au and Ni). <i>Synthetic Metals</i> , <b>2003</b> , 135-136, 543-544	3.6	8
68	Dithiophene-TTF Salts; New Ladder Structures and Spin-Ladder Behavior. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 7000-6	5.1	7
67	DT-TTF Salts with [Cu(dcdmp) <sub>2</sub> ]—The Richness of Different Stoichiometries. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 3924-3931	3.5	7
66	[CNB-EDT-TTF) <sub>4</sub> BF <sub>4</sub> ; Anion Disorder Effects in Bilayer Molecular Metals. <i>Crystals</i> , <b>2018</b> , 8, 142	2.3	7
65	Bisdithiolene complexes based on an extended ligand with TTF and pyridine moieties. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 15, 102-105	3.1	7

64	Uranium(III, IV) and thorium(IV) pyrazolylmethane complexes: Synthesis and structures. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 385, 53-57	2.7	7
63	Counterion dimerisation effects in the two-chain compound (Per) <sub>2</sub> [Co(mnt) <sub>2</sub> ]: structure and anomalous pressure dependence of the electrical transport properties. <i>CrystEngComm</i> , <b>2009</b> , 11, 1103	3.3	7
62	New compounds based on tetrathiafulvalene and Au(pds) <sub>2</sub> [pds = pyrazine-2,3-diselenolate. <i>Synthetic Metals</i> , <b>1997</b> , 86, 2187-2188	3.6	7
61	Synthesis of tris(quinoxaline-2,3-dithiolato)manganese(IV) and its reaction with [Cu(CH <sub>3</sub> COO) <sub>2</sub> H <sub>2</sub> O] <sub>2</sub> . Crystal structure of [MnII(DMF) <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> ][CuIII(qdt) <sub>2</sub> ] <sub>2</sub> . <i>Polyhedron</i> , <b>1998</b> , 17, 4023-4031	2.7	7
60	Synthesis and characterization of a BEDT-TTF salt with a metal-bis(dithiolate) as counterion: (BEDT-TTF) <sub>2</sub> [Au <sub>2</sub> (imnt) <sub>2</sub> ]. <i>Synthetic Metals</i> , <b>1991</b> , 42, 2155-2158	3.6	7
59	Physical properties of the series of oxides Y <sub>1-x</sub> Pr <sub>x</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> (0 ≤ x ≤ 1). <i>Physica C: Superconductivity and Its Applications</i> , <b>1988</b> , 153-155, 910-911	1.3	7
58	Radical Cation Salts of Cyanobenzene-Ethylenedithio-TTF Electron Donors with Halide (Cu and Hg) Binuclear Anions. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 1875-1883	2.3	6
57	Impact of Molecular Organization on Exciton Diffusion in Photosensitive Single-Crystal Halogenated Perylenediimides Charge Transfer Interfaces. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 27720-9	9.5	6
56	Crystal structure and magnetic behavior of decamethylferrocenium bis(2-thioxo-1,3-dithiole-4,5-diselenolato)nickelate(III). <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3855-3860	2.7	6
55	Synthesis, crystal structure and magnetic properties of bis(3,4,3',4'-ethylenedithio)2,2',5,5'-tetrathiafulvalene-bis(cyanoimidodithiocarbonate)aurate(III), (bedt-ttf)[Au(cdc) <sub>2</sub> ]. <i>Polyhedron</i> , <b>2006</b> , 25, 1209-1214	2.7	6
54	Charge transfer salts based on Cu(qdt) <sub>2</sub> , Ni(qdt) <sub>2</sub> and Au(qdt) <sub>2</sub> anions. <i>Synthetic Metals</i> , <b>1999</b> , 102, 1613-1614	3.6	6
53	A perylene conductor with a gold cyanodithiocarbamate counterion: (Perylene) <sub>2</sub> Au(cdc) <sub>2</sub> . <i>Synthetic Metals</i> , <b>1993</b> , 56, 1688-1693	3.6	6
52	The (Per) <sub>2</sub> M(mnt) <sub>2</sub> series: The interaction of 1D conduction electrons with localised spin chains. <i>Synthetic Metals</i> , <b>1993</b> , 56, 1846-1851	3.6	6
51	Molecular Metals Based on 1,2,7,8-Tetrahydrodicyclopenta[cd:lm]perylene and Iodine, (CPP) <sub>2</sub> (I <sub>3</sub> ) <sub>1-δ</sub> . <i>Chemistry of Materials</i> , <b>1994</b> , 6, 2309-2316	9.6	6
50	Unravelling the antitumoral potential of novel bis(thiosemicarbazonato) Zn(II) complexes: structural and cellular studies. <i>Journal of Biological Inorganic Chemistry</i> , <b>2019</b> , 24, 71-89	3.7	6
49	Magnetic and structural correlations in [Fe(nsal <sub>2</sub> trien)] salts: the role of cation-anion interactions in the spin crossover phenomenon. <i>CrystEngComm</i> , <b>2018</b> , 20, 2465-2475	3.3	5
48	Synthesis and Characterization of Charge Transfer Salts Based on [M(dcdmp) <sub>2</sub> ] (M = Au, Cu and Ni) with TTF Type Donors. <i>Crystals</i> , <b>2018</b> , 8, 141	2.3	5
47	Re(I) and <sup>99m</sup> Tc(I) tricarbonyl complexes with ether-containing pyrazolyl-based chelators: Chemistry, biodistribution and metabolism. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 760, 138-148	2.3	5



46	TTFs nonsymmetrically fused with alkylthiophenic moieties. <i>Beilstein Journal of Organic Chemistry</i> , <b>2015</b> , 11, 628-37	2.5	5
45	An Electropolymerisable Pyridine-Functionalised Gold Bis(dithiolene) Complex. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 3133-3136	2.3	5
44	Crystal structure of (RBzPy) <sub>n</sub> [Ni(4-pedt) <sub>2</sub> ] salts engineering by pyridine ring arrangements. <i>CrystEngComm</i> , <b>2009</b> , 11, 2154	3.3	5
43	A N,N'-diacetate benzodioxotetraazamacrocyclic and its transition metal complexes. <i>Polyhedron</i> , <b>2005</b> , 24, 451-461	2.7	5
42	Effect of oxygen content in the thermoelectric power of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . <i>Physica C: Superconductivity and Its Applications</i> , <b>1988</b> , 153-155, 1345-1346	1.3	5
41	Gold and Nickel Extended Thiophenic-TTF Bisdithiolene Complexes. <i>Molecules</i> , <b>2018</b> , 23,	4.8	5
40	Bromide and Tribromide 4-Cyanobenzene-Ethylenedithio-Tetrathiafulvalene Radical Salts by Chemical and Electrochemical Routes. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 5768-5775	3.5	4
39	Extended TTF-type donors fused with pyrazine units; synthesis and characterization. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 6635-6639	2	4
38	CyanobenzeneTTF-type donors; synthesis and characterization. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 6992-6997		4
37	Structural and Magnetic Characterisation of [Fe(Cp*) <sub>2</sub> ][Ni(dmio) <sub>2</sub> ][Tf]. <i>Synthetic Metals</i> , <b>2003</b> , 135-136, 695-696	3.6	4
36	Synthesis and structure of a new nickel(II) complex [NBu <sub>4</sub> ] <sub>2</sub> [Ni{Se <sub>2</sub> C <sub>2</sub> (CN) <sub>2</sub> }] <sub>2</sub> . <i>Chemical Communications</i> , <b>1996</b> , 1837-1838	5.8	4
35	Preparation of superconductors of the BiSrCaCuO system by glass crystallization. <i>Journal of the Less Common Metals</i> , <b>1989</b> , 150, 305-310		4
34	Double Layer Conducting Salts: (CNB-EDT-TTF) <sub>4</sub> X, X = ClO <sub>4</sub> <sup>-</sup> , ReO <sub>4</sub> <sup>-</sup> and SbF <sub>6</sub> <sup>-</sup> . Electrical Transport and Infrared Properties. <i>Crystals</i> , <b>2019</b> , 9, 608	2.3	4
33	Structural relations in (1 : 1) and (2 : 1) cyanobenzene-ethylenedithio-TTF radical salts; the role of CN $\cdots$ H interactions. <i>CrystEngComm</i> , <b>2019</b> , 21, 7489-7497	3.3	4
32	Gallium and indium complexes with new hexadentate bis(semicarbazone) and bis(thiosemicarbazone) chelators. <i>Dalton Transactions</i> , <b>2021</b> , 50, 1631-1640	4.3	4
31	Chemical, radiochemical and biological studies of new gallium(III) complexes with hexadentate chelators. <i>Dalton Transactions</i> , <b>2015</b> , 44, 3342-55	4.3	3
30	Bilayer Molecular Metal with a Polymeric Anion, [P-(CNB-EDT-TTF) <sub>6</sub> Ag] $\cdot$ 7.95I $\cdot$ 9.19. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 4224-4227	3.5	3
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28	Diamine bis(phenolate) samarium complexes: Synthesis and structures. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 407, 175-180	2.7	3
27	Studies on the new UFe <sub>2</sub> B <sub>6</sub> phase. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 492, L13-L15	5.7	3
26	Decamethylferrocenium bis(2-oxo-1,3-dithiole-4,5-dithiolato-kappa(2)S(4),S(5))nickelate(III) tetrahydrofuran solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2006</b> , 62, m278-80		3
25	Structural and electrical properties of (DT-TTF) <sub>2</sub> [Cu(mnt) <sub>2</sub> ]. <i>European Physical Journal Special Topics</i> , <b>2004</b> , 114, 497-499		3
24	<sup>99m</sup> Tc(I) scorpionate complexes for brain imaging: synthesis, characterization and biological evaluation. <i>Current Radiopharmaceuticals</i> , <b>2012</b> , 5, 150-7	1.8	3
23	Conducting neutral gold bisdithiolene complex [Au(dspdt)] <sub>2</sub> . <i>Dalton Transactions</i> , <b>2020</b> , 49, 13737-13743	4.3	3
22	Synthesis and structural characterization of polynuclear divalent ytterbium complexes supported by a bis(phenolate) cyclam ligand. <i>Polyhedron</i> , <b>2016</b> , 119, 277-285	2.7	3
21	New series of BODIPY dyes: Synthesis, characterization and applications in photovoltaic cells and light-emitting diodes. <i>Dyes and Pigments</i> , <b>2021</b> , 193, 109517	4.6	3
20	Tetrathiafulvalene and Tetramethyltetraselenafulvalene Salts with [M(dcdmp) <sub>2</sub> ] Anions (M = Au, Cu, and Ni): High Conductivity and Unusual Stoichiometries. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 6493-6502	3.5	2
19	Structural diversity in conducting bilayer salts (CNB-EDT-TTF) <sub>4</sub> A. <i>CrystEngComm</i> , <b>2020</b> , 22, 8313-8321	3.3	2
18	Enhanced physical properties of potassium zinc sulphate hydrate single crystal following iodide doping. <i>Materials Research Express</i> , <b>2018</b> , 5, 066207	1.7	2
17	Nickel Complexes Bearing SNN and SS Donor Atom Ligands: Synthesis, Structural Characterization and Biological activity. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e5088	3.1	2
16	The Solid Solutions (Per) <sub>2</sub> [PtAu(1 $\kappa$ )(mnt) <sub>2</sub> ]; Alloying Para- and Diamagnetic Anions in Two-Chain Compounds. <i>Magnetochemistry</i> , <b>2017</b> , 3, 22	3.1	2
15	A Methyl-Substituted Thiophene-Tetra-thiafulvalene Donor and Its Salts. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 5003-5010	2.3	2
14	Complexes with pyrazine-tetrathiafulvalene-dithiolate (pztdt) ligand [M(pztdt) <sub>2</sub> ], M = Ni, Pd, Pt; Synthesis and characterisation. <i>Inorganic Chemistry Communication</i> , <b>2015</b> , 58, 87-90	3.1	2
13	The low and high temperature phase transitions in the family of compounds (DT-TTF) <sub>4</sub> [M(L) <sub>2</sub> ] <sub>3</sub> , M = Au, Cu and L = pds, pdt. <i>European Physical Journal Special Topics</i> , <b>2004</b> , 114, 539-537		2
12	Bi-Ca-Sr-Cu-O superconductors obtained by glass crystallisation; Effect of potassium doping. <i>Physica C: Superconductivity and Its Applications</i> , <b>1989</b> , 159, 273-276	1.3	2
11	Crystal structure of bis[1-((3,5-dimethyl-1H-pyrazol-1-yl)methyl)-3,5-dimethyl-1H-pyrazol-2-ium] hexachlorouranate(IV): [H <sub>2</sub> C(3,5-Me <sub>2</sub> pz)(3,5-Me <sub>2</sub> pzH)] <sub>2</sub> [UCl <sub>6</sub> ]. <i>Journal of Structural Chemistry</i> , <b>2015</b> , 56, 181-185	0.9	1

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6	5,6-Dihydrothieno[2,3-d][1,3]dithiol-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2005</b> , 61, o2161-o2163		1
5	Hall effect in RBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> (R=Y,Yb) thin films in high magnetic fields. <i>European Physical Journal D</i> , <b>1996</b> , 46, 1753-1754		1
4	Correlation between Supramolecular Connectivity and Magnetic Behaviour of [Fe <sup>III</sup> (5-X-qsal) <sub>2</sub> ] <sup>+</sup> -Based Salts Prone to Exhibit SCO Transition. <i>Magnetochemistry</i> , <b>2022</b> , 8, 1	3.1	1
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1	Yttrium and samarium complexes with a linked 1,4,7-triazacyclononane-aryloxide ancillary ligand. <i>Journal of Structural Chemistry</i> , <b>2014</b> , 55, 941-945	0.9	