

# Jess Sanmartn Matalobos

## List of Publications by Citations

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140 papers	2,707 citations	31 h-index	44 g-index
146 ext. papers	2,859 ext. citations	3.4 avg, IF	4.55 L-index

#	Paper	IF	Citations
140	Copper complexes of imidazole-2-, pyrrole-2- and indol-3-carbaldehyde thiosemicarbazones: inhibitory activity against fungi and bacteria. <i>Journal of Inorganic Biochemistry</i> , <b>2005</b> , 99, 2231-9	4.2	122
139	Complexes of 2-thiophenecarbonyl and isonicotinoyl hydrazones of 3-(N-methyl)isatin. A study of their antimicrobial activity. <i>Journal of Inorganic Biochemistry</i> , <b>2007</b> , 101, 138-47	4.2	85
138	Thiophene anchored coumarin derivative as a turn-on fluorescent probe for Cr <sup>3+</sup> : cell imaging and speciation studies. <i>Talanta</i> , <b>2012</b> , 91, 18-25	6.2	71
137	Mono- and polynuclear complexes of Fe(II), Co(II), Ni(II), Cu(II), Zn(II) and Cd(II) with N,N'-bis(3-hydroxysalicylidene)-1,3-diamino-2-propanol. <i>Polyhedron</i> , <b>2000</b> , 19, 185-192	2.7	69
136	Nickel(II)-induced excimer formation of a naphthalene-based fluorescent probe for living cell imaging. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 5699-704	5.1	67
135	Unexpected ferromagnetic interaction in a new tetranuclear copper(II) complex: synthesis, crystal structure, magnetic properties, and theoretical studies. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 5011-20	5.1	66
134	Self-assembly of a tetranuclear Ni <sub>4</sub> cluster with an S = 4 ground state: the first 3d metal cluster bearing a $\mu_4$ -eta <sup>2</sup> :eta <sup>2</sup> -O <sub>3</sub> carbonate ligand. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 255-62	5.1	60
133	Antipyrine based arsenate selective fluorescent probe for living cell imaging. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 1778-83	7.8	58
132	Antibacterial and antifungal activity of metal(II) complexes of acylhydrazones of 3-isatin and 3-(N-methyl)isatin. <i>Polyhedron</i> , <b>2009</b> , 28, 2187-2195	2.7	53
131	Crystallographic characterisation of a possible model for photosystem II. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 1153		52
130	Fluorescence sensing of arsenate at nanomolar level in a greener way: naphthalene based probe for living cell imaging. <i>Chemical Communications</i> , <b>2013</b> , 49, 7231-3	5.8	49
129	Cobalt and nickel complexes of versatile imidazole- and pyrrole-2-carbaldehyde thiosemicarbazones. Synthesis, characterisation and antimicrobial activity. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 2543-2552	2.7	49
128	Spontaneous carbon dioxide fixation: a $\mu_4$ -carbonate bridged tetranuclear zinc(II) complex of a heptadentate Schiff base. <i>Dalton Transactions RSC</i> , <b>2002</b> , 4746		49
127	Dinuclear nickel complexes with a Ni <sub>2</sub> O <sub>2</sub> core: a structural and magnetic study. <i>Dalton Transactions</i> , <b>2006</b> , 4260-70	4.3	47
126	Interaction of soft donor sites with a hard metal ion: crystallographically characterized blue emitting fluorescent probe for Al(III) with cell staining studies. <i>RSC Advances</i> , <b>2012</b> , 2, 12447	3.7	44
125	A direct route to obtain manganese(III) complexes with a new class of asymmetrical Schiff base ligands. <i>New Journal of Chemistry</i> , <b>2000</b> , 24, 235-241	3.6	44
124	Studies of the binding modes of carboxylate donors with manganese(III) complexes containing tetradentate Schiff base ligands. Crystal structures of the complexes [Mn(3-CH <sub>3</sub> Osalpn)(HO <sub>2</sub> CC <sub>6</sub> H <sub>4</sub> CO <sub>2</sub> )] <sub>n</sub> and [(Mn(5-H <sub>2</sub> O <sub>2</sub> salpn)(OH)(H <sub>2</sub> O))(Mn(5-H <sub>2</sub> O <sub>2</sub> salpn)(HO <sub>2</sub> CC <sub>6</sub> H <sub>4</sub> CO <sub>2</sub> )(H <sub>2</sub> O))] [2.21501]. <i>Inorganica Chimica Acta</i> , <b>1999</b> , 293, 210-217	2.7	44

123	An unusual [4 + 4 + 4] bishelical complex, Cu <sub>3</sub> (H <sub>2</sub> L)(L)2H <sub>2</sub> O [H <sub>4</sub> L = N,N'-bis(3-hydroxysalicylidene)-1,4-diaminobutane]: synthesis and crystal structure. <i>Chemical Communications</i> , <b>1999</b> , 1953-1954	5.8	44
122	Dinuclear Co(III)/Co(III) and Co(II)/Co(III) mixed-valent complexes: synthetic control of the cobalt oxidation level. <i>Dalton Transactions</i> , <b>2006</b> , 4905-13	4.3	43
121	General synthesis of $\beta$ -alicylaldehyde half-unit complexes—structural determination and use as synthon for the synthesis of dimetallic or trimetallic complexes and of self-assembling ligand complexes— <i>Inorganica Chimica Acta</i> , <b>1998</b> , 274, 73-81	2.7	41
120	A di-phenoxo bridged zinc dimer with unfamiliar spatial arrangement. <i>Inorganic Chemistry Communication</i> , <b>2004</b> , 7, 311-314	3.1	41
119	Zinc and cadmium complexes with an achiral symmetric helicand. Crystal structure of an enantiomerically pure $\beta$ -Zn(II) monohelicate. <i>New Journal of Chemistry</i> , <b>2002</b> , 26, 1365-1370	3.6	40
118	A Binuclear Copper(II) Acetate Complex Showing a 3D Supramolecular Network with Hydrophilic Pockets: Its Unusual Magnetic Behaviour. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 3703-3706	2.3	40
117	Ratiometric sensing of lysine through the formation of the pyrene excimer: experimental and computational studies. <i>Chemical Communications</i> , <b>2015</b> , 51, 8536-9	5.8	38
116	Metal complexes with a chiral N <sub>4</sub> symmetrical Schiff base. Crystal structures of the ligand and its Cu(II) and Ni(II) mono-helicates— <i>Dalton Transactions RSC</i> , <b>2002</b> , 870		38
115	Insights into the absorption of carbon dioxide by zinc substrates: isolation and reactivity of di- and tetranuclear zinc complexes. <i>Dalton Transactions</i> , <b>2004</b> , 2135-41	4.3	34
114	Non-Covalent Aggregation of Discrete Metallo-Supramolecular Helicates into Higher Assemblies by Aromatic Pathways: Structural and Chemical Studies of New Aniline-Based Neutral Metal(II) Dihelicates. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 3479-3490	2.3	34
113	Zinc and cadmium complexes with versatile hexadentate Schiff base ligands. The supramolecular self-assembly of a 3-D cage-like complex. <i>Dalton Transactions RSC</i> , <b>2000</b> , 4174-4181		32
112	Designing Ligands to Isolate ZnLn and ZnLn Complexes: Field-Induced Single-Ion Magnet Behavior of the ZnDy, ZnDy, and ZnEr Analogues. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 5646-5656	5.1	31
111	Ferromagnetism in dinuclear copper(II)-phenolate complexes with exogenous O-donor bridges: a comparative study. <i>Dalton Transactions</i> , <b>2005</b> , 3785-94	4.3	31
110	Synthesis and crystal structure of a mononuclear iron(III) ( $\beta$ -acetato) complex of a $\beta$ -cis folded salen type ligand. <i>Polyhedron</i> , <b>2004</b> , 23, 963-967	2.7	31
109	The diversity observed in manganese(III) complexes of tetradentate Schiff base ligands: An assessment of structural trends. <i>Polyhedron</i> , <b>1996</b> , 15, 4185-4194	2.7	31
108	Naphthalene based highly selective OFF-ON type fluorescent probe for Al <sup>3+</sup> and NO <sub>2</sub> <sup>-</sup> ions for living cell imaging at physiological pH. <i>Inorganica Chimica Acta</i> , <b>2013</b> , 398, 64-71	2.7	30
107	Magnetic properties of a bishelical [4 + 4 + 4] trinuclear copper(II) complex. <i>Dalton Transactions RSC</i> , <b>2002</b> , 1030-1035		29
106	Unusual high nuclearity and pseudo-tetrahedral Zn <sub>8</sub> O <sub>13</sub> core found in a self-assembled complex. <i>Chemical Communications</i> , <b>2000</b> , 795-796	5.8	29

105	Conformational studies on complexes of a diimine containing a (CH <sub>2</sub> ) <sub>2</sub> spacer: crystal structures of a double-stranded Zn(II) meso-helicate and an enantiopure $\text{ECu(II)}$ monohelicate. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 2561-2569	2.7	28
104	Monohelical Complexes of a Novel Asymmetric N <sub>4</sub> Schiff Base: Unfamiliar Tetrahedral Environments of Manganese(II) and Iron(II) Helicates. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 1128-1135	2.3	28
103	Discovering the complex chemistry of a simple Ni(II)/H(3)L system: magnetostructural characterization and DFT calculations of Di- and polynuclear nickel(II) compounds. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 9861-73	5.1	27
102	Structural and spectroscopic studies on some metal complexes of an 8-hydroxyquinoline derivative. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 193-198	2.7	27
101	Ferromagnetic exchange in a dinuclear copper(II) complex mediated by a methanolate bridging ligand. <i>Dalton Transactions</i> , <b>2004</b> , 3503-7	4.3	27
100	Structural and photolytic studies on new mononuclear and binuclear manganese complexes containing Schiff base ligands. The crystal structure of $[\text{Mn}(\text{EB}, 5\text{-Brsalpn})(\text{EO})]2\text{H}_2\text{O} \cdot 2\text{DMF}$ . <i>Polyhedron</i> , <b>2001</b> , 20, 711-719	2.7	26
99	Visible light excitable ON fluorescence and naked eye detection of $\text{Cu}^{2+}$ via hydrolysis of rhodamine-thiophene conjugate: human breast cancer cell (MCF7) imaging studies. <i>Dalton Transactions</i> , <b>2014</b> , 43, 7747-51	4.3	24
98	Evaluation of the antimicrobial activity of some chloro complexes of imidazole-2-carbaldehyde semicarbazone: X-ray crystal structure of $\text{cis-NiCl}_2(\text{H}_2\text{L})(\text{H}_2\text{O})$ . <i>Polyhedron</i> , <b>2010</b> , 29, 864-870	2.7	23
97	Improving the SMM and luminescence properties of lanthanide complexes with LnO cores in the presence of Zn: an emissive ZnDy single ion magnet. <i>Dalton Transactions</i> , <b>2017</b> , 46, 17000-17009	4.3	22
96	A mechanism for the rearrangement of unsymmetrical tetradentate (N <sub>2</sub> O <sub>2</sub> ) ligands bound to manganese(III): the isolation and crystal structure of a manganese(III) complex containing a ten-membered cis-chelated ring. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1994</b> , 1265		22
95	Field-induced slow magnetic relaxation and luminescence thermometry in a mononuclear ytterbium complex. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 3019-3029	6.8	22
94	Thiophene anchored naphthalene derivative: Cr <sup>3+</sup> selective turn-on fluorescent probe for living cell imaging. <i>Analytical Methods</i> , <b>2012</b> , 4, 2254	3.2	21
93	Mono- and Dinuclear Complexes of a Flexible Schiff Base Ligand $\text{L}^*$ : Crystal Structures of a Bishelicate and Two Acentric Monohelicates. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 3905-3913	2.3	21
92	Metallo-helicates with an N <sub>4</sub> -Schiff base containing a flexible alkyl spacer. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 347, 53-60	2.7	21
91	Direct electrochemical synthesis and characterization of copper(II), iron(II) and iron(III) complexes with 1- and 2-substituted pyridines. <i>Transition Metal Chemistry</i> , <b>1993</b> , 18, 528-530	2.1	20
90	From dinuclear to tetranuclear zinc complexes through carboxylate donors: structural and luminescence studies. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 247-257	3.6	19
89	Asymmetric self-assembly with atmospheric CO <sub>2</sub> fixation of a pentanuclear carbonate Ni(II) complex based on dissimilar building blocks. <i>Dalton Transactions</i> , <b>2007</b> , 414-6	4.3	19
88	Structure, magnetism and catecholase activity of the first dicopper(II) complex having a single $\text{O}_2$ bridge. <i>RSC Advances</i> , <b>2015</b> , 5, 10987-10993	3.7	18

87	Metal-assisted ring-closing/opening process of a chiral tetrahydroquinazoline. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 1278-93	5.1	18
86	CuII <sub>2</sub> L based polymeric ladder using dicyanamide bridges: Synthesis, crystal structure and magnetic studies. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 373, 73-78	2.7	17
85	Dinuclear neutral complexes of a symmetric N <sub>2</sub> + N <sub>2</sub> -donor diimine ligand. <i>Polyhedron</i> , <b>2006</b> , 25, 1714-1722	2.2	17
84	Encapsulation of atmospheric CO <sub>2</sub> by a self-assembled decanuclear cadmium complex via unfamiliar perchlorato and carbonato bridges. <i>Chemical Communications</i> , <b>2012</b> , 48, 9915-7	5.8	16
83	Zn(3), Ni(3), and Cu(3) complexes of a novel tricompartmental acyclic ligand. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 4971-9	5.1	16
82	Ruthenium(II) bis(hydrazone) complexes derived from 1,3,4-oxadiazoles: Synthesis, crystal structure and catalytic application in N-alkylation reactions. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 427, 203-210	2.7	14
81	One pot-synthesis of chiral Ni <sub>6</sub> clusters involving Ni <sub>3</sub> subunits: a combined structural, magnetic and DFT study. <i>Dalton Transactions</i> , <b>2010</b> , 39, 10888-99	4.3	14
80	Monohelical Metal Complexes of a Bis-Bidentate Schiff Base with a Short Rigid Spacer. The Spontaneous Resolution of P-[Ni(FTs)][CH <sub>3</sub> CN]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2002</b> , 628, 1068	1.3	14
79	Direct electrochemical synthesis of N-oxopyridine-2-thionato complexes of nickel(II), cobalt(II) and cobalt(III). <i>Transition Metal Chemistry</i> , <b>1993</b> , 18, 187-190	2.1	14
78	ESIPT-Based Nanomolar Zn <sup>2+</sup> Sensor for Human Breast Cancer Cell (MCF7) Imaging. <i>ChemistrySelect</i> , <b>2017</b> , 2, 7426-7431	1.8	13
77	Heteroleptic binuclear copper(I) complexes bearing bis(salicylidene)hydrazone ligands: Synthesis, crystal structure and application in catalytic N-alkylation of amines. <i>Polyhedron</i> , <b>2015</b> , 89, 62-69	2.7	13
76	Anthracene appended coumarin derivative as a Cr(III) selective turn-on fluorescent probe for living cell imaging: a green approach towards speciation studies. <i>Analytical Methods</i> , <b>2012</b> , 4, 3163	3.2	13
75	Ferromagnetic heterotrinnuclear Cu-Ni complexes of a compartmental chiral Schiff base. <i>Dalton Transactions</i> , <b>2011</b> , 40, 11770-80	4.3	13
74	Ferromagnetic Tetranuclear and Pentanuclear Copper(II) Complexes Constructed from Cu <sub>2</sub> Blocks. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 2376-2384	2.3	13
73	Trimorphism of an asymmetric disulfonamide Schiff base. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 1605	3.6	13
72	Synanti and antianti conformations of a diimine derived from p-xylylenediamine and its neutral CoII and ZnII dinuclear complexes. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 3156-3166	2.7	13
71	N,N'-Bis(2-tosylaminobenzylidene)-1,3-propanediamine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 1545-1547		13
70	NMR spectroscopy for assessing cocaine-functional monomer interactions when preparing molecularly imprinted polymers. <i>Microchemical Journal</i> , <b>2019</b> , 147, 813-817	4.8	12

69	An INHIBIT logic gate from a thiophene derivative using iron and zinc ions as the input: tuning the efficiency on moving from naphthalene to anthracene to pyrene for the green luminescent detection of the intracellular iron. <i>Dalton Transactions</i> , <b>2013</b> , 42, 16387-95	4.3	12
68	Structurally Characterized Antipyrine-Based Dual Fluorescent Probe: Enhanced AlIII Selectivity of a Dinuclear ZnII Complex for Intracellular Sensing by a Displacement Approach. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 5675-5682	2.3	12
67	Dimeric Complexes of a Tridentate Schiff Base Ligand [Crystal Structure of a CuII Complex with Uncommon $\alpha$ -Nsulfonamido Bridges and Ferromagnetic Behaviour. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 1719-1726	2.3	12
66	Co(II), Ni(II) and Cu(II) mononuclear and polynuclear complexes influenced by the aliphatic spacer length of their O2N2O2 Schiff bases. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 318, 135-142	2.7	12
65	Isolation of a remarkably stable hydrogen bonded dimeric manganese(II) complex, [Mn(L)(OH2)]2(Me2SO)2 from the reduction of a manganese(III) Schiff base complex [L = the dianion of N,N'-bis(3-bromo-5-nitrosalicylidene)-1,2-diamino-(2-methyl)ethane]. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 645-646		12
64	Cu(II) complex of a new isoindole derivative: structure, catecholase like activity, antimicrobial properties and bio-molecular interactions. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 10094-10099	3.6	12
63	Tuning of azine derivatives for selective recognition of Ag with the in vitro tracking of endophytic bacteria in rice root tissue. <i>Dalton Transactions</i> , <b>2016</b> , 45, 19491-19499	4.3	11
62	Tb, Dy, and ZnDy Complexes Showing the Unusual Versatility of a Hydrazone Ligand toward Lanthanoid Ions: a Structural and Magnetic Study. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 10100-10110	5.1	11
61	Synthesis and characterization of new manganese(III) complexes with asymmetrical onsn Schiff bases. <i>Polyhedron</i> , <b>1998</b> , 18, 511-518	2.7	11
60	Electrochemical Synthesis of N-Oxopyridine-2-thionate Complexes of Cd(II): The Crystal Structure of Bis(2,2'-bipyridine)(N-oxopyridine-2-thionate) Cadmium(II) Perchlorate 1/4 (Bipyridine). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>1993</b> , 48, 431-437	1	11
59	Design of chiral homodinuclear complexes based on the coordinating behaviour of some symmetric ligands. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 1073	3.6	10
58	Isatin 3-semicarbazone and 1-methylisatin 3-semicarbazone. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2005</b> , 61, o589-92		10
57	Mono- and dinuclear Ni(II) complexes with N3O Schiff base ligands. Crystal structure of [Ni(AEPyz)]ClO4 (HAEPyz derived from 7-amino-4-methyl-5-aza-3-hepten-2-one and 2-acetylpyrazine). <i>Inorganica Chimica Acta</i> , <b>2000</b> , 304, 144-149	2.7	10
56	Predetermined Ferromagnetic Coupling via Strict Control of M-O-M Angles. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 11707-11715	5.1	9
55	2-(2-Pyridyl) benzimidazole-based ternary Mn(II) complex as an arsenate selective turn-on fluorescence probe: ppb level determination and cell imaging studies. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 2744	3.6	9
54	Dinuclear Cobalt(III) Complexes Showing a Co2O2 Metallacycle. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 2041-2045	1.3	9
53	Direct electrochemical synthesis and characterization of cobalt and nickel complexes with 2-pyridinone and 2-pyridinemethanethiol-1-oxide. <i>Transition Metal Chemistry</i> , <b>1994</b> , 19, 209-211	2.1	9
52	Carboxylic decorated Schiff base complexes as metallotectons for hydrogen bonded 3D networks. <i>Polyhedron</i> , <b>2015</b> , 101, 78-85	2.7	8



51	Structural variety of zinc and copper complexes based on a 2,3-disubstituted 1,2,3,4-tetrahydroquinazoline ligand. <i>Dalton Transactions</i> , <b>2012</b> , 41, 6998-7004	4.3	8
50	Cu(II) and Co(II) complexes of benzimidazole derivative: Structures, catecholase like activities and interaction studies with hydrogen peroxide. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1151, 169-176	3.4	7
49	Structural and photophysical studies on a linear trinuclear zinc complex of 2-[(2-hydroxyethylimino)methyl]quinolin-8-ol. <i>Polyhedron</i> , <b>2009</b> , 28, 3055-3059	2.7	7
48	Influence of some reaction conditions on the obtaining of tetra- and dinuclear zinc complexes of some Schiff bases derived from 2,6-diformyl-4-alkyl-phenols. <i>Polyhedron</i> , <b>2008</b> , 27, 2585-2594	2.7	7
47	Metal-assisted supramolecular self-assembly of a versatile Schiff base which tends to act as a helicand. <i>Materials Science and Engineering C</i> , <b>2001</b> , 18, 3-8	8.3	7
46	Manganese(II) Complexes Containing Polystyryl Diphenylphosphine Oxide as Ligand and their Reactivity with Sulfur Dioxide.. <i>Acta Chemica Scandinavica</i> , <b>1997</b> , 51, 59-68		7
45	Interaction of water with a benzimidazole derivative: fluorescence and colorimetric recognition of trace level water involving intra-molecular charge transfer process. <i>Journal of Molecular Recognition</i> , <b>2016</b> , 29, 5-9	2.6	7
44	Visible Light Excitable SCN <sup>-</sup> Selective Fluorescence Probe Derived from Thiophene. <i>Chinese Journal of Chemistry</i> , <b>2015</b> , 33, 1173-1177	4.9	6
43	Aluminum(III) induced green luminescence for naked eye detection: Experimental and computational studies. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 412, 67-72	2.7	6
42	Electrochemical synthesis of manganese(II)-Schiff base complexes and their behaviour towards H <sub>2</sub> O, H <sub>2</sub> O <sub>2</sub> and SO <sub>2</sub> . <i>Transition Metal Chemistry</i> , <b>2001</b> , 26, 120-126	2.1	6
41	Electrochemical Synthesis and Characterization of Complexes of Zn and Cd with 2-Pyridinone and 2-Pyridinethiol-1-Oxide. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1993</b> , 23, 1259-1275		6
40	Carbonatobis(1,10-phenanthroline)cobalt(III) perchlorate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 1841-1842		6
39	Field-Induced Single Molecule Magnets of Phosphine- and Arsine-Oxides. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 420	5	6
38	Controlling ring-chain tautomerism through steric hindrance. <i>RSC Advances</i> , <b>2015</b> , 5, 58327-58333	3.7	5
37	Dysprosium-based complexes with a flat pentadentate donor: a magnetic and ab initio study. <i>Dalton Transactions</i> , <b>2020</b> , 49, 8389-8401	4.3	5
36	Bis(2,2'-bipyridine)isocyanatocopper(II) perchlorate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1992</b> , 48, 1316-1317		5
35	Slow magnetic relaxation in dinuclear dysprosium and holmium phenoxide bridged complexes: a Dy <sub>2</sub> single molecule magnet with a high energy barrier. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 2532-2541	6.8	5
34	Chiral Recognition between Metallohelicates via Strong H Bonds: Homochiral Bishelical Coupling and Mesohelical Polymerization. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 4318-4323	3.5	4

33	Molecular diversity in several pyridyl based Cu(II) complexes: biophysical interaction and redox triggered fluorescence switch. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 10378-10388	3.6	4
32	Azine based smart probe for optical recognition and enrichment of Mo(vi). <i>Dalton Transactions</i> , <b>2018</b> , 47, 11084-11090	4.3	4
31	Dual role of 2-tosylaminomethylaniline as a ligand and a nucleophile in the copper-mediated oxidation of methanol. <i>Dalton Transactions</i> , <b>2014</b> , 43, 722-8	4.3	4
30	Tuning the ring-chain tautomerism of a tetrahydroquinazoline/Schiff base system with unexpected methanol oxidation. <i>Polyhedron</i> , <b>2013</b> , 65, 181-186	2.7	4
29	A Useful Route to Metal Complexes of Poorly Coordinating Sulfonamides. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 2744-2751	2.3	4
28	Synthesis of polymer-supported triphenylphosphine oxide complexes of divalent copper and cobalt. A study on their reactivity with sulfur dioxide. <i>Inorganica Chimica Acta</i> , <b>1997</b> , 255, 269-278	2.7	4
27	Exploration of an easily synthesized fluorescent probe for detecting copper in aqueous samples. <i>Dalton Transactions</i> , <b>2017</b> , 46, 15827-15835	4.3	3
26	Serendipitous formation of 3-tosyl-1,2,3,4-tetrahydroquinazoline. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 3043	3.6	3
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24	THE CRYSTAL STRUCTURES OF [(4-MepyO)2H](IB) AND [Co(4-EtO2CpyO)6](I2 8) PRODUCTS OF AEROBIC DECOMPOSITION FROM ETHANOLIC SOLUTIONS OF SO2 ADDUCTS CONTAINING PYRIDINE-N-OXIDE DERIVATIVES. <i>Journal of Coordination Chemistry</i> , <b>1999</b> , 48, 97-111	1.6	3
23	Reactivity of manganese(II) complexes of derivatives of 2-methylpyridine-N-oxide towards sulfur dioxide. <i>Polyhedron</i> , <b>1996</b> , 15, 3881-3890	2.7	3
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17	A study on the reactivity of cobalt, copper and zinc complexes of 2-methylpyridine-N-oxide towards sulfur dioxide. <i>Polyhedron</i> , <b>1998</b> , 17, 413-420	2.7	2
16	Reactivity of Sulfur Dioxide with Polymer-Supported Triphenylphosphine Oxide of Divalent Nickel, Zinc and Cadmium Adducts*. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1996</b> , 26, 1361-1385		2



15	Attainment of Pentagonal-Bipyramidal LnIII Complexes from a Planar Pentadentate Ligand. <i>Proceedings (mdpi)</i> , <b>2020</b> , 62, 2	0.3	2
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