

Jess Sanmartn Matalobos

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Uncommon Coordination Modes of a Potential Heptadentate Aminophenol Donor. <i>Chemistry Proceedings</i> , 2021 , 3, 141		
139	Eight coordinated mononuclear dysprosium complexes of heptadentate aminophenol ligands: the influence of the phenol substituents and the ancillary donors on the magnetic relaxation. <i>Dalton Transactions</i> , 2021 , 50, 15878-15887	4.3	0
138	Slow magnetic relaxation in dinuclear dysprosium and holmium phenoxide bridged complexes: a Dy ²⁺ single molecule magnet with a high energy barrier. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 2532-2541	6.8	5
137	Dysprosium-based complexes with a flat pentadentate donor: a magnetic and ab initio study. <i>Dalton Transactions</i> , 2020 , 49, 8389-8401	4.3	5
136	X-ray structurally characterized Mo (VI), Fe (III) and Cu (II) complexes of amide-imine conjugate: (bio)catalytic and histidine recognition studies. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5823	3.1	0
135	Exploring the Chelating Potential of an Easily Synthesized Schiff Base for Copper Sensing. <i>Crystals</i> , 2020 , 10, 235	2.3	1
134	Attainment of Pentagonal-Bipyramidal Ln(III) Complexes from a Planar Pentadentate Ligand. <i>Proceedings (mdpi)</i> , 2020 , 62, 2	0.3	2
133	Field-induced slow magnetic relaxation and luminescence thermometry in a mononuclear ytterbium complex. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3019-3029	6.8	22
132	An Easy Approach to Obtain Alcohol-Amines by Reduction of Alcohol Functionalized Imines. <i>Proceedings (mdpi)</i> , 2019 , 9, 2	0.3	1
131	NMR spectroscopy for assessing cocaine-functional monomer interactions when preparing molecularly imprinted polymers. <i>Microchemical Journal</i> , 2019 , 147, 813-817	4.8	12
130	Taking Advantage of the Coordinative Behavior of a Tridentate Schiff Base Ligand towards Pd ²⁺ and Cu ²⁺ . <i>Crystals</i> , 2019 , 9, 407	2.3	1
129	Azouracil and Its Cu(II)-Catalyzed Cyclization to an Anticancer Active Triazole Derivative: Symmetrical and Asymmetrical Reductive Cleavage, DNA Interaction, and Molecular Docking Studies.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1184-1196	4.1	2
128	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> , 2018 , 1151, 169-176	3.4	7
127	Azine based smart probe for optical recognition and enrichment of Mo(vi). <i>Dalton Transactions</i> , 2018 , 47, 11084-11090	4.3	4
126	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> , 2018 , 57, 10100-10110	5.1	11
125	Filling Tricompartamental Ligands with Gd(III) and Zn(II) Ions: Some Structural and MRI Studies. <i>Crystals</i> , 2018 , 8, 431	2.3	1
124	Field-Induced Single Molecule Magnets of Phosphine- and Arsine-Oxides. <i>Frontiers in Chemistry</i> , 2018 , 6, 420	5	6

123	2D Supramolecular Structure for a Chiral Heterotrinnuclear ZnII2HoIII Complex through Varied HBonds Connecting Solvates and Counterions. <i>Proceedings (mdpi)</i> , 2018 , 2, 1114	0.3	2
122	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> , 2017 , 56, 5646-5656	5.1	31
121	Exploration of an easily synthesized fluorescent probe for detecting copper in aqueous samples. <i>Dalton Transactions</i> , 2017 , 46, 15827-15835	4.3	3
120	ESIPT-Based Nanomolar Zn ²⁺ Sensor for Human Breast Cancer Cell (MCF7) Imaging. <i>ChemistrySelect</i> , 2017 , 2, 7426-7431	1.8	13
119	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> , 2017 , 46, 17000-17009	4.3	22
118	Hierarchical Assembly of Antiparallel Homochiral Sheets Formed by Hydrogen-Bonded Helices of a Trapped-Valence Coll/Coll Complex. <i>Crystal Growth and Design</i> , 2017 , 17, 467-473	3.5	2
117	A Ni ₈ metallacalix[4]arene and a Cu ₄ molecular rhomboid: limiting the nuclearity of carboxysalen-like metal complexes. <i>CrystEngComm</i> , 2016 , 18, 6673-6682	3.3	2
116	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> , 2016 , 45, 19491-19499	4.3	11
115	Degradation of the active species in the catalytic system Pd(OAc) ₂ /NEt ₃ . <i>RSC Advances</i> , 2016 , 6, 103088-103094	3.7	103094
114	Predetermined Ferromagnetic Coupling via Strict Control of M-O-M Angles. <i>Inorganic Chemistry</i> , 2016 , 55, 11707-11715	5.1	9
113	Molecular diversity in several pyridyl based Cu(II) complexes: biophysical interaction and redox triggered fluorescence switch. <i>New Journal of Chemistry</i> , 2016 , 40, 10378-10388	3.6	4
112	Zinc-mediated diastereoselective assembly of a trinuclear circular helicate. <i>RSC Advances</i> , 2016 , 6, 21228-21234	3.7	21234
111	A simple route to dinuclear complexes containing unusual NSulfonamido bridges. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 1358-1370	1.6	3
110	Cu(II) complex of a new isoindole derivative: structure, catecholase like activity, antimicrobial properties and bio-molecular interactions. <i>New Journal of Chemistry</i> , 2016 , 40, 10094-10099	3.6	12
109	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> , 2016 , 29, 5-9	2.6	7
108	Structure, magnetism and catecholase activity of the first dicopper(II) complex having a single alkoxo bridge. <i>RSC Advances</i> , 2015 , 5, 10987-10993	3.7	18
107	A low-cost, environment-friendly and solvent-free route for synthesis of AgBr nanoparticles. <i>Superlattices and Microstructures</i> , 2015 , 82, 18-25	2.8	2
106	Carboxylic decorated Schiff base complexes as metallotectons for hydrogen bonded 3D networks. <i>Polyhedron</i> , 2015 , 101, 78-85	2.7	8

105	Hydrolysis of imidazolidine ligands mediated by CuII: Mononuclear, tetranuclear and 1D CuII-amine complexes. <i>Polyhedron</i> , 2015 , 100, 49-58	2.7	1
104	Controlling ring-chain tautomerism through steric hindrance. <i>RSC Advances</i> , 2015 , 5, 58327-58333	3.7	5
103	Ratiometric sensing of lysine through the formation of the pyrene excimer: experimental and computational studies. <i>Chemical Communications</i> , 2015 , 51, 8536-9	5.8	38
102	Chiral Recognition between Metallohelicates via Strong H Bonds: Homochiral Bishelical Coupling and Mesohelical Polymerization. <i>Crystal Growth and Design</i> , 2015 , 15, 4318-4323	3.5	4
101	A Useful Route to Metal Complexes of Poorly Coordinating Sulfonamides. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2744-2751	2.3	4
100	Visible Light Excitable SCN ⁻ Selective Fluorescence Probe Derived from Thiophene. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 1173-1177	4.9	6
99	Heteroleptic binuclear copper(I) complexes bearing bis(salicylidene)hydrazone ligands: Synthesis, crystal structure and application in catalytic N-alkylation of amines. <i>Polyhedron</i> , 2015 , 89, 62-69	2.7	13
98	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> , 2015 , 427, 203-210	2.7	14
97	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> , 2014 , 38, 2744	3.6	9
96	Dual role of 2-tosylaminomethylaniline as a ligand and a nucleophile in the copper-mediated oxidation of methanol. <i>Dalton Transactions</i> , 2014 , 43, 722-8	4.3	4
95	Visible light excitable ON fluorescence and naked eye detection of Cu ²⁺ via hydrolysis of rhodamine-thiophene conjugate: human breast cancer cell (MCF7) imaging studies. <i>Dalton Transactions</i> , 2014 , 43, 7747-51	4.3	24
94	Structurally Characterized Antipyrine-Based Dual Fluorescent Probe: Enhanced Al ^{III} Selectivity of a Dinuclear ZnII Complex for Intracellular Sensing by a Displacement Approach. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 5675-5682	2.3	12
93	Aluminum(III) induced green luminescence for naked eye detection: Experimental and computational studies. <i>Inorganica Chimica Acta</i> , 2014 , 412, 67-72	2.7	6
92	Fluorescence sensing of arsenate at nanomolar level in a greener way: naphthalene based probe for living cell imaging. <i>Chemical Communications</i> , 2013 , 49, 7231-3	5.8	49
91	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> , 2013 , 42, 16387-95	4.3	12
90	Serendipitous formation of 3-tosyl-1,2,3,4-tetrahydroquinazoline. <i>New Journal of Chemistry</i> , 2013 , 37, 3043	3.6	3
89	Naphthalene based highly selective OFF-ON type fluorescent probe for Al ³⁺ and NO ₂ ⁻ ions for living cell imaging at physiological pH. <i>Inorganica Chimica Acta</i> , 2013 , 398, 64-71	2.7	30
88	Tuning the ring-chain tautomerism of a tetrahydroquinazoline/Schiff base system with unexpected methanol oxidation. <i>Polyhedron</i> , 2013 , 65, 181-186	2.7	4

87	Antipyrine based arsenate selective fluorescent probe for living cell imaging. <i>Analytical Chemistry</i> , 2013 , 85, 1778-83	7.8	58
86	Nickel(II)-induced excimer formation of a naphthalene-based fluorescent probe for living cell imaging. <i>Inorganic Chemistry</i> , 2012 , 51, 5699-704	5.1	67
85	Encapsulation of atmospheric CO ₂ by a self-assembled decanuclear cadmium complex via unfamiliar perchlorato and carbonato bridges. <i>Chemical Communications</i> , 2012 , 48, 9915-7	5.8	16
84	Metal-assisted ring-closing/opening process of a chiral tetrahydroquinazoline. <i>Inorganic Chemistry</i> , 2012 , 51, 1278-93	5.1	18
83	Thiophene anchored coumarin derivative as a turn-on fluorescent probe for Cr ³⁺ : cell imaging and speciation studies. <i>Talanta</i> , 2012 , 91, 18-25	6.2	71
82	Structural variety of zinc and copper complexes based on a 2,3-disubstituted 1,2,3,4-tetrahydroquinazoline ligand. <i>Dalton Transactions</i> , 2012 , 41, 6998-7004	4.3	8
81	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> , 2012 , 4, 3163	3.2	13
80	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> , 2012 , 2, 12447	3.7	44
79	Thiophene anchored naphthalene derivative: Cr ³⁺ selective turn-on fluorescent probe for living cell imaging. <i>Analytical Methods</i> , 2012 , 4, 2254	3.2	21
78	Ferromagnetic heterotrinnuclear Cu-Ni complexes of a compartmental chiral Schiff base. <i>Dalton Transactions</i> , 2011 , 40, 11770-80	4.3	13
77	CuI ₂ L based polymeric ladder using dicyanamide bridges: Synthesis, crystal structure and magnetic studies. <i>Inorganica Chimica Acta</i> , 2011 , 373, 73-78	2.7	17
76	Design of chiral homodinuclear complexes based on the coordinating behaviour of some symmetric ligands. <i>New Journal of Chemistry</i> , 2010 , 34, 1073	3.6	10
75	One pot-synthesis of chiral Ni ₆ clusters involving Ni ₃ subunits: a combined structural, magnetic and DFT study. <i>Dalton Transactions</i> , 2010 , 39, 10888-99	4.3	14
74	Ferromagnetic Tetranuclear and Pentanuclear Copper(II) Complexes Constructed from Cu ₂ Blocks. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2376-2384	2.3	13
73	Evaluation of the antimicrobial activity of some chloro complexes of imidazole-2-carbaldehyde semicarbazone: X-ray crystal structure of cis-NiCl ₂ (H ₂ L)(H ₂ O). <i>Polyhedron</i> , 2010 , 29, 864-870	2.7	23
72	Structural and spectroscopic studies on some metal complexes of an 8-hydroxyquinoline derivative. <i>Inorganica Chimica Acta</i> , 2010 , 363, 193-198	2.7	27
71	Antibacterial and antifungal activity of metal(II) complexes of acylhydrazones of 3-isatin and 3-(N-methyl)isatin. <i>Polyhedron</i> , 2009 , 28, 2187-2195	2.7	53
70	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	2.7	7

69	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> , 2009 , 48, 9861-73	5.1	27
68	Zn(3), Ni(3), and Cu(3) complexes of a novel tricompartamental acyclic ligand. <i>Inorganic Chemistry</i> , 2009 , 48, 4971-9	5.1	16
67	From dinuclear to tetranuclear zinc complexes through carboxylate donors: structural and luminescence studies. <i>New Journal of Chemistry</i> , 2008 , 32, 247-257	3.6	19
66	Dimeric Complexes of a Tridentate Schiff Base Ligand [Crystal Structure of a CuII Complex with Uncommon μ -Nsulfonamido Bridges and Ferromagnetic Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1719-1726	2.3	12
65	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> , 2008 , 27, 2585-2594	2.7	7
64	Asymmetric self-assembly with atmospheric CO ₂ fixation of a pentanuclear carbonate NiII complex based on dissimilar building blocks. <i>Dalton Transactions</i> , 2007 , 414-6	4.3	19
63	Complexes of 2-thiophenecarbonyl and isonicotinoyl hydrazones of 3-(N-methyl)isatin. A study of their antimicrobial activity. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 138-47	4.2	85
62	Trimorphism of an asymmetric disulfonamide Schiff base. <i>New Journal of Chemistry</i> , 2007 , 31, 1605	3.6	13
61	Dinuclear Co(III)/Co(III) and Co(II)/Co(III) mixed-valent complexes: synthetic control of the cobalt oxidation level. <i>Dalton Transactions</i> , 2006 , 4905-13	4.3	43
60	Dinuclear nickel complexes with a Ni(2)O(2) core: a structural and magnetic study. <i>Dalton Transactions</i> , 2006 , 4260-70	4.3	47
59	Self-assembly of a tetranuclear Ni ₄ cluster with an S = 4 ground state: the first 3d metal cluster bearing a μ_4 - η^2 : η^2 -O ₂ carbonate ligand. <i>Inorganic Chemistry</i> , 2006 , 45, 255-62	5.1	60
58	Sodium 2-oxo-3-semicarbazono-2,3-dihydro-1H-indole-5-sulfonate dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006 , 62, m241-2		3
57	Syn Δ and anti Δ conformations of a diimine derived from p-xylylenediamine and its neutral CoII and ZnII dinuclear complexes. <i>Inorganica Chimica Acta</i> , 2006 , 359, 3156-3166	2.7	13
56	Dinuclear neutral complexes of a symmetric N ₂ + N ₂ -donor diimine ligand. <i>Polyhedron</i> , 2006 , 25, 1714-1722		17
55	Ferromagnetism in dinuclear copper(II)-phenolate complexes with exogenous O-donor bridges: a comparative study. <i>Dalton Transactions</i> , 2005 , 3785-94	4.3	31
54	Unexpected ferromagnetic interaction in a new tetranuclear copper(II) complex: synthesis, crystal structure, magnetic properties, and theoretical studies. <i>Inorganic Chemistry</i> , 2005 , 44, 5011-20	5.1	66
53	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> , 2005 , 2005, 3479-3490	2.3	34
52	Copper complexes of imidazole-2-, pyrrole-2- and indol-3-carbaldehyde thiosemicarbazones: inhibitory activity against fungi and bacteria. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 2231-9	4.2	122

51	Isatin 3-semicarbazone and 1-methylisatin 3-semicarbazone. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005 , 61, o589-92		10
50	Dinuclear Cobalt(III) Complexes Showing a Co ₂ O ₂ Metallacycle. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 2041-2045	1.3	9
49	Conformational studies on complexes of a diimine containing a (CH ₂) ₂ spacer: crystal structures of a double-stranded Zn(II) meso-helicate and an enantiopure [Cu(II)] monohelicate. <i>Inorganica Chimica Acta</i> , 2004 , 357, 2561-2569	2.7	28
48	Cobalt and nickel complexes of versatile imidazole- and pyrrole-2-carbaldehyde thiosemicarbazones. Synthesis, characterisation and antimicrobial activity. <i>Inorganica Chimica Acta</i> , 2004 , 357, 2543-2552	2.7	49
47	Synthesis and crystal structure of a mononuclear iron(III) ([η -acetato) complex of a [η -cis folded salen type ligand. <i>Polyhedron</i> , 2004 , 23, 963-967	2.7	31
46	A di- η -phenoxo bridged zinc dimer with unfamiliar spatial arrangement. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 311-314	3.1	41
45	Ferromagnetic exchange in a dinuclear copper(II) complex mediated by a methanolate bridging ligand. <i>Dalton Transactions</i> , 2004 , 3503-7	4.3	27
44	Insights into the absorption of carbon dioxide by zinc substrates: isolation and reactivity of di- and tetranuclear zinc complexes. <i>Dalton Transactions</i> , 2004 , 2135-41	4.3	34
43	Mono- and Dinuclear Complexes of a Flexible Schiff Base Ligand [Crystal Structures of a Bishelicate and Two Acentric Monohelicates. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 3905-3913	2.3	21
42	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> , 2003 , 2003, 3703-3706	2.3	40
41	Monohelical Complexes of a Novel Asymmetric N ₄ Schiff Base: Unfamiliar Tetrahedral Environments of Manganese(II) and Iron(II) Helicates. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 1128-1135	2.3	28
40	Metallo-helicates with an N ₄ -Schiff base containing a flexible alkyl spacer. <i>Inorganica Chimica Acta</i> , 2003 , 347, 53-60	2.7	21
39	Monohelical Metal Complexes of a Bis-Bidentate Schiff Base with a Short Rigid Spacer. The Spontaneous Resolution of P-[Ni(FTs)][CH ₃ CN]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002 , 628, 1068	1.3	14
38	Magnetic properties of a bishelical [4 + 4 + 4] trinuclear copper(II) complex. <i>Dalton Transactions RSC</i> , 2002 , 1030-1035		29
37	Zinc and cadmium complexes with an achiral symmetric helicand. Crystal structure of an enantiomerically pure [Zn(II)] monohelicate. <i>New Journal of Chemistry</i> , 2002 , 26, 1365-1370	3.6	40
36	Metal complexes with a chiral N ₄ symmetrical Schiff base. Crystal structures of the ligand and its Cu(II) and Ni(II) [hono-helicates] <i>Dalton Transactions RSC</i> , 2002 , 870		38
35	Spontaneous carbon dioxide fixation: a [η -4-carbonate bridged tetranuclear zinc(II) complex of a heptadentate Schiff base. <i>Dalton Transactions RSC</i> , 2002 , 4746		49
34	Structural and photolytic studies on new mononuclear and binuclear manganese complexes containing Schiff base ligands. The crystal structure of [Mn(η -5-Brsalpn)(η -O)] ₂ [DMF]. <i>Polyhedron</i> , 2001 , 20, 711-719	2.7	26

33	Metal-assisted supramolecular self-assembly of a versatile Schiff base which tends to act as a helicand. <i>Materials Science and Engineering C</i> , 2001 , 18, 3-8	8.3	7
32	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> , 2001 , 318, 135-142	2.7	12
31	Electrochemical synthesis of manganese(II)-Schiff base complexes and their behaviour towards H2O, H2O2 and SO2. <i>Transition Metal Chemistry</i> , 2001 , 26, 120-126	2.1	6
30	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> , 2000 , 304, 144-149	2.7	10
29	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> , 2000 , 19, 185-192	2.7	69
28	A direct route to obtain manganese(III) complexes with a new class of asymmetrical Schiff base ligands. <i>New Journal of Chemistry</i> , 2000 , 24, 235-241	3.6	44
27	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> , 2000 , 4174-4181		32
26	Unusual high nuclearity and pseudo-tetrahedral Zn8O13 core found in a self-assembled complex. <i>Chemical Communications</i> , 2000 , 795-796	5.8	29
25	N,N'-Bis(2-tosylaminobenzylidene)-1,3-propanediamine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999 , 55, 1545-1547		13
24	Studies of the binding modes of carboxylate donors with manganese(III) complexes containing tetradentate Schiff base ligands. Crystal structures of the complexes [Mn(3-CH3Osalpn)(HO2CC6H4CO2)]n and [Mn(3-CH3Osalpn)(HO2CC6H4CO2)]n. <i>Inorganica Chimica Acta</i> , 1999 , 274, 73-81	2.7	44
23	An unusual [4 + 4 + 4] bischelical complex, Cu3(H2L)(L)2H2O [H4L = N,N'-bis(3-hydroxysalicylidene)-1,4-diaminobutane]: synthesis and crystal structure. <i>Chemical Communications</i> , 1999 , 1953-1954	5.8	44
22	Reactivity of Mn(II) and Cu(II) Adducts Containing 2,6-Dimethylpyridine N-Oxide with SO2. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1999 , 29, 125-142		
21	THE CRYSTAL STRUCTURES OF [(4-MepyO)2H](IB) AND [Co(4-EtO2CpyO)6](I2 8 II) PRODUCTS OF AEROBIC DECOMPOSITION FROM ETHANOLIC SOLUTIONS OF SO2 ADDUCTS CONTAINING PYRIDINE-N-OXIDE DERIVATIVES. <i>Journal of Coordination Chemistry</i> , 1999 , 48, 97-111	1.6	3
20	General synthesis of bisacylaldehyde 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> , 1998 , 274, 73-81	2.7	41
19	The reactivity of sulfur dioxide with transition metal complexes containing 4-cyanopyridine- and 3-pyridylcarbinol-N-oxide: the high temperature isolation of a manganese(II) iodide SO2-adduct. <i>Transition Metal Chemistry</i> , 1998 , 23, 327-331	2.1	
18	A study on the reactivity of cobalt, copper and zinc complexes of 2-methylpyridine-N-oxide towards sulfur dioxide. <i>Polyhedron</i> , 1998 , 17, 413-420	2.7	2
17	Synthesis and characterization of new manganese(III) complexes with asymmetrical onsn Schiff bases. <i>Polyhedron</i> , 1998 , 18, 511-518	2.7	11
16	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> , 1997 , 255, 269-278	2.7	4

15	Manganese(II) Complexes Containing Polystyryl Diphenylphosphine Oxide as Ligand and their Reactivity with Sulfur Dioxide.. <i>Acta Chemica Scandinavica</i> , 1997 , 51, 59-68		7
14	Reactivity of manganese(II) complexes of derivatives of 2-methylpyridine-N-oxide towards sulfur dioxide. <i>Polyhedron</i> , 1996 , 15, 3881-3890	2.7	3
13	The diversity observed in manganese(III) complexes of tetradentate Schiff base ligands: An assessment of structural trends. <i>Polyhedron</i> , 1996 , 15, 4185-4194	2.7	31
12	Synthesis and reactivity with sulfur dioxide of manganese(II) complexes containing pyridine-N-oxide and 4-methylpyridine-N-oxide as ligands. <i>Polyhedron</i> , 1996 , 15, 4479-4488	2.7	3
11	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> , 1996 , 26, 1361-1385		2
10	Direct electrochemical synthesis and characterization of cobalt and nickel complexes with 2-pyridinone and 2-pyridinemethanethiol-1-oxide. <i>Transition Metal Chemistry</i> , 1994 , 19, 209-211	2.1	9
9	A mechanism for the rearrangement of unsymmetrical tetradentate (N2O2) 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> , 1994 , 1265		22
8	Crystallographic characterisation of a possible model for photosystem II. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 1153		52
7	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> , 1994 , 645-646		12
6	Electrochemical Synthesis and Characterization of Complexes of Zn and Cd with 2-Pyridinone and 2-Pyridinemethanethiol-1-Oxide. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1993 , 23, 1259-1275		6
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