

Manuel R Bermejo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Comparative study of the antitumoral activity of phosphine-thiosemicarbazone gold(I) complexes obtained by different methodologies. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110931.	3.5	17
2	2019 ANO INTERNACIONAL DO SISTEMA PERIÓDICO. UN PROXECTO PARA UN PAÍS. , 2019, 87, 11-19.		0
3	A IUPAC NA AXUDA DA CONFECCIÓ DO SISTEMA PERIÓDICO. , 2019, 87, 103-115.		0
4	O GALICION FOI NOMEADO OGANESSON. A UTILIDADE DA PREDICIBILIDADE QUÍMICA DE MENDELEEV NA DIDÁCTICA DA AULA. , 2019, 87, 155-165.		0
5	A METALURXIA NA HISTORIA DO SISTEMA PERIÓDICO. , 2019, 87, 129-144.		0
6	O SISTEMA PERIÓDICO COMO FERRAMENTA NO ENSINO DA QUÍMICA. , 2019, 87, 195-208.		0
7	Synthesis, Characterization, and Catalytic Studies of Mn(III)-Schiff Base-Dicyanamide Complexes: Checking the Rhombicity Effect in Peroxidase Studies. <i>Journal of Chemistry</i> , 2017, 2017, 1-10.	1.9	15
8	“The Golden Method” Electrochemical Synthesis Is an Efficient Route to Gold Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 7823-7825.	4.0	12
9	Alkali-Metal-Ion-Directed Self-Assembly of Redox-Active Manganese(III) Supramolecular Boxes. <i>Inorganic Chemistry</i> , 2015, 54, 2512-2521.	4.0	23
10	Versatile coordination behaviour of an asymmetric half-salen ligand bearing a dansyl fluorophore. <i>Dalton Transactions</i> , 2012, 41, 10832.	3.3	15
11	Chains or grids of cadmium(ii) helicates?. <i>CrystEngComm</i> , 2012, 14, 4270.	2.6	5
12	Metal self-recognition: a pathway to control the formation of dihelicates and mesocates. <i>Dalton Transactions</i> , 2012, 41, 13395.	3.3	19
13	Supramolecular networks of Mn(III)-Schiff base complexes assembled by nitrate counterions: X-ray crystal structures of 1D chains and 2D networks. <i>Polyhedron</i> , 2012, 31, 379-385.	2.2	23
14	A sequentially assembled grid composed of supramolecular meso-helical nodes. <i>Chemical Communications</i> , 2011, 47, 9633.	4.1	11
15	Manganese-Schiff base complexes as catalysts for water photolysis. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 18069.	2.8	34
16	Influence of the geometry around the manganese ion on the peroxidase and catalase activities of Mn(III)-Schiff base complexes. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1538-1547.	3.5	43
17	Synthesis and Photophysical Properties of Ln(III)-DOTA-Bipy Complexes and Ln(III)-DOTA-Bipy-Rull Coordination Conjugates. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4532-4545.	2.0	19
18	Endogenous Arene Hydroxylation Promoted by Copper(I) Cluster Helicates. <i>Chemistry - A European Journal</i> , 2010, 16, 14175-14180.	3.3	20

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19	Sulfonamide-imines as selective fluorescent chemosensors for the fluoride anion. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 357-362.	2.8	33
20	A double-stranded dinuclear cadmium(ii) helicate that assembles into chains in the solid state. <i>Dalton Transactions</i> , 2010, 39, 1191-1194.	3.3	9
21	A water reduction process performed by zinc metal under very mild conditions. <i>Chemical Communications</i> , 2010, 46, 5115.	4.1	8
22	The coordination preferences of metal centres modulate superexchange coupling interactions in a metallo-supramolecular helical assembly. <i>Chemical Communications</i> , 2010, 46, 4797.	4.1	16
23	Unprecedented Isolation of a Mixture of Conformational and Linkage Isomers in a Thiosemicarbazone Cobalt Mesocate. <i>Inorganic Chemistry</i> , 2009, 48, 10862-10864.	4.0	9
24	Coordinative trends of a tridentate thiosemicarbazone ligand: synthesis, characterization, luminescence studies and desulfurization processes. <i>Dalton Transactions</i> , 2009, , 8329.	3.3	34
25	Metal-Catalysed Oxidation Processes in Thiosemicarbazones: New Complexes with the Ligand $[2\text{-}([4\text{-}(\text{N}(\text{ethylthiosemicarbazone})\text{methyl})\text{phenyl})\text{-}p\text{-}\text{toluenesulfonamide}]$. <i>Chemistry - A European Journal</i> , 2008, 14, 500-512.	3.3	36
26	Dimeric Complexes of a Tridentate Schiff Base Ligand - Crystal Structure of a CuII Complex with Uncommon μ_2 -Nsulfonamido Bridges and Ferromagnetic Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1719-1726.	2.0	13
27	Checking the Route to Cluster Helicates. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3852-3863.	2.0	32
28	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.	2.2	7
29	Delving into the second supramolecular event approach: Aggregation of small metallo-supramolecular units supported by one or two types of non-covalent forces. <i>Inorganic Chemistry Communication</i> , 2008, 11, 995-998.	3.9	5
30	Pentadentate thiosemicarbazones as versatile chelating systems. A comparative structural study of their metallic complexes. <i>Dalton Transactions</i> , 2008, , 6776.	3.3	46
31	From dinuclear to tetranuclear zinc complexes through carboxylate donors: structural and luminescence studies. <i>New Journal of Chemistry</i> , 2008, 32, 247-257.	2.8	20
32	Supramolecular Aggregation of Pd(II) Monohelicates Directed by Discrete (H ₂ O) ₈ Clusters in a 1,4-Diaxially Substituted Hexameric Chairlike Conformation. <i>Crystal Growth and Design</i> , 2008, 8, 2083-2086.	3.0	26
33	A metallo-supramolecular approach to a half-subtractor. <i>New Journal of Chemistry</i> , 2008, 32, 1473.	2.8	26
34	Trimorphism of an asymmetric disulfonamide Schiff base. <i>New Journal of Chemistry</i> , 2007, 31, 1605.	2.8	15
35	Asymmetric self-assembly with atmospheric CO ₂ fixation of a pentanuclear carbonate NiII complex based on dissimilar building blocks. <i>Dalton Transactions</i> , 2007, , 414-416.	3.3	19
36	Self-Assembly of Dimeric MnIII Schiff-Base Complexes Tuned by Perchlorate Anions. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3789-3797.	2.0	48

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37	Electrochemical Synthesis: a Convenient Method for the Preparation of Neutral Metal Complexes with a Thiosemicarbazone Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 807-813.	1.2	10
38	New Neutral Metal Complexes from the 4 <i>N</i> -Phenylthiosemicarbazone-2-pyridinecarboxaldehyde Ligand ¹¹³ Cd and ²⁰⁷ Pb NMR Studies. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1911-1918.	1.2	11
39	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, , 4905-4913.	3.3	45
40	Influence of the metal size in the structure of the complexes derived from a pentadentate [N3O2] hydrazone. <i>Dalton Transactions</i> , 2006, , 5304-5314.	3.3	36
41	Dinuclear nickel complexes with a Ni2O2 core: a structural and magnetic study. <i>Dalton Transactions</i> , 2006, , 4260-4270.	3.3	49
42	Self-Assembly of a Tetranuclear Ni4 Cluster with an S = 4 Ground State: The First 3d Metal Cluster Bearing a $\mu_4\text{-}\mu_2\text{-}\mu_2\text{-O}_2\text{O}$ Carbonate Ligand. <i>Inorganic Chemistry</i> , 2006, 45, 255-262.	4.0	64
43	Syn-anti and anti-anti conformations of a diimine derived from <i>p</i> -xylylenediamine and its neutral Co(II) and Zn(II) dinuclear complexes. <i>Inorganica Chimica Acta</i> , 2006, 359, 3156-3166.	2.4	14
44	Dinuclear neutral complexes of a symmetric N2+N2-donor diimine ligand. <i>Polyhedron</i> , 2006, 25, 1714-1722.	2.2	18
45	Novel peroxidase mimics: μ_4 -Aqua manganese-Schiff base dimers. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 1470-1478.	3.5	36
46	The first [5+5] isomer of a Zn(II) dimer helicate derived from pentadentate thiosemicarbazones. <i>Inorganic Chemistry Communication</i> , 2005, 8, 1036-1040.	3.9	8
47	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.	2.0	34
48	Route to Cluster Helicates. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4182-4187.	13.8	73
49	Fixation of Sulphur Dioxide by Manganese(II)-Schiff Base Complexes: Thermal Stability of these Adducts and the Possible Conversion of the Coordinated SO2 to Sulphate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2000-2005.	1.2	4
50	Dinuclear Cobalt(III) Complexes Showing a Co2O2 Metallacycle. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2041-2045.	1.2	11
51	Electrochemical Synthesis of M(II) Complexes with a Schiff Base containing an Amido Group. Crystal Structure of a Cobalt(II) Complex with a Reorganised Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2161-2166.	1.2	5
52	Interaction of Mn(acac)3 with Asymmetrical Schiff Base Ligands containing an Amido Group. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2167-2173.	1.2	2
53	Ferromagnetism in dinuclear copper(II)-phenolate complexes with exogenous O-donor bridges: a comparative study. <i>Dalton Transactions</i> , 2005, , 3785.	3.3	33
54	Syntheses and X-ray characterization of metal complexes with the pentadentate thiosemicarbazone ligand bis(4-N-methylthiosemicarbazone)-2,6-diacetylpyridine. The first pentacoordinate lead(II) complex with a pentagonal geometry. <i>Dalton Transactions</i> , 2005, , 572-579.	3.3	70

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55	Unexpected Ferromagnetic Interaction in a New Tetranuclear Copper(II) Complex: Synthesis, Crystal Structure, Magnetic Properties, and Theoretical Studies. <i>Inorganic Chemistry</i> , 2005, 44, 5011-5020.	4.0	71
56	A Colorimetric Approach to Anion Sensing: A Selective Chemosensor of Fluoride Ions, in which Color is Generated by Anion-Enhanced π -Delocalization. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1962-1965.	13.8	211
57	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 λ^2 -Cu(II) monohelicate. <i>Inorganica Chimica Acta</i> , 2004, 357, 2561-2569.	2.4	29
58	Synthesis and crystal structure of a mononuclear iron(III) (λ^2 -acetato) complex of a λ^2 -cis folded salen type ligand. <i>Polyhedron</i> , 2004, 23, 963-967.	2.2	31
59	The first neutral Sn(II) complex derived from a pentadentate thiosemicarbazone ligand. <i>Inorganic Chemistry Communication</i> , 2004, 7, 4-8.	3.9	21
60	A di- λ^2 -phenoxo bridged zinc dimer with unfamiliar spatial arrangement. <i>Inorganic Chemistry Communication</i> , 2004, 7, 311-314.	3.9	43
61	Ferromagnetic exchange in a dinuclear copper(II) complex mediated by a methanolate bridging ligand. <i>Dalton Transactions</i> , 2004, , 3503-3507.	3.3	27
62	Insights into the absorption of carbon dioxide by zinc substrates: isolation and reactivity of di- and tetranuclear zinc complexes. <i>Dalton Transactions</i> , 2004, , 2135-2141.	3.3	35
63	Conformational rearrangement of 2,6-bis(1-salicyloylhydrazonoethyl)pyridine (H ₄ daps) on complexation. Synthesis and X-ray characterisation of H ₄ daps and its copper helicate complex [Cu(H ₂ daps)(H ₂ O)] \cdot 2CH ₃ CN. <i>New Journal of Chemistry</i> , 2003, 27, 1753-1759.	2.8	53
64	A 3D network of helicates fully assembled by π -stacking interactions. <i>Chemical Communications</i> , 2003, , 1840-1841.	4.1	59
65	A new type of manganese-Schiff base complex, catalysts for the disproportionation of hydrogen peroxide as peroxidase mimics. <i>New Journal of Chemistry</i> , 2003, 27, 727-733.	2.8	63
66	Metal complexes with a chiral N ₄ symmetrical Schiff base. Crystal structures of the ligand and its Cu(II) and Ni(II) λ^2 -helicates. <i>Dalton Transactions RSC</i> , 2002, , 870.	2.3	41
67	Spontaneous carbon dioxide fixation: a μ^4 -carbonate bridged tetranuclear zinc(II) complex of a heptadentate Schiff base. <i>Dalton Transactions RSC</i> , 2002, , 4746.	2.3	52
68	Monohelical Metal Complexes of a Bis-Bidentate Schiff Base with a Short Rigid Spacer. The Spontaneous Resolution of P-[Ni(FTs)] \cdot CH ₃ CN Dedicated to Professor Joachim Strähle in the Occasion of his 65th Birthday. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 1068.	1.2	14
69	Zinc and cadmium complexes with an achiral symmetric helicand. Crystal structure of an enantiomerically pure λ^2 -Zn(II) monohelicate. <i>New Journal of Chemistry</i> , 2002, 26, 1365-1370.	2.8	41
70	Structural characterisation of metal complexes containing 1-[(4-methylphenyl)sulfonamido]-2-[(2-pyridylmethylene) amino]benzene. <i>New Journal of Chemistry</i> , 2001, 25, 647-654.	2.8	22
71	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.	7.3	7
72	Co(II), Ni(II) and Cu(II) mononuclear and polynuclear complexes influenced by the aliphatic spacer length of their O ₂ N ₂ O ₂ Schiff bases. <i>Inorganica Chimica Acta</i> , 2001, 318, 135-142.	2.4	12

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73	Title is missing!. Transition Metal Chemistry, 2001, 26, 120-126.	1.4	6
74	Crystallisation Solvent Influence on the Crystal Structures of MnII and NiII Complexes with 2,6-bis(1-salicyloylhydrazonoethyl)pyridine, H4daps. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 506-513.	1.2	18
75	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). Inorganica Chimica Acta, 2000, 304, 144-149.	2.4	11
76	N,N'-Bis(2-tosylaminobenzylidene)benzene-1,2-diamine. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 492-493.	0.4	12
77	N,N'-Bis(2-tosylaminobenzylidene)-1,2-ethanediamine. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 347-348.	0.4	13
78	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. Polyhedron, 2000, 19, 185-192.	2.2	76
79	A direct route to obtain manganese(III) complexes with a new class of asymmetrical Schiff base ligands. New Journal of Chemistry, 2000, 24, 235-241.	2.8	48
80	Zinc and cadmium complexes with versatile hexadentate Schiff base ligands. The supramolecular self-assembly of a 3-D cage-like complex. Dalton Transactions RSC, 2000, , 4174-4181.	2.3	33
81	Unusual high nuclearity and pseudo-tetrahedral Zn8O13 core found in a self-assembled complex. Chemical Communications, 2000, , 795-796.	4.1	29
82	Rearrangement and co-ordination of 1-[(4-methylphenyl)sulfonamido]-2-[1-(2-pyridylmethylidene)amino]benzene. New Journal of Chemistry, 2000, 24, 33-38.	2.8	12
83	Mn(III) complexes with asymmetrical N2O3 Schiff bases. The unusual crystal structure of [Mn(phenglydisal-3-Br,5-Cl)(dmsO)] (H3phenglydisal...=...3-aza-N-[2-[1-aza-2-(2-hydroxyphenyl)vinyl]phenyl]-4-(2-hydroxyphenyl)but-3-enamide), a mononuclear single-stranded helical manganese(III) complex. Dalton Transactions RSC, 2000, , 3122-3127.	2.3	25
84	Electrochemical synthesis and structural characterisation of transition metal complexes with 2,6-bis(1-salicyloylhydrazonoethyl)pyridine, H4daps. Journal of the Chemical Society Dalton Transactions, 1999, , 2211-2218.	1.1	56
85	An unusual [4 + 4 + 4] bis-helical complex, Cu3(H2L)(L)·2H2O [H4L = N,N'-bis(3-hydroxysalicylidene)-1,4-diaminobutane]: synthesis and crystal structure. Chemical Communications, 1999, , 1953-1954.	4.1	45
86	Further attempts to rationalise the co-ordination chemistry of manganese with Schiff base ligands and supplementary carboxylate donors. Journal of the Chemical Society Dalton Transactions, 1999, , 31-42.	1.1	45
87	Structurally diverse manganese(III) complexes of tetradentate N2O2 Schiff-base ligands with ancillary carboxylate donors. Journal of the Chemical Society Dalton Transactions, 1997, , 1805-1814.	1.1	49
88	Electronic and steric effects in manganese Schiff-base complexes as models for the water oxidation complex in photosystem II. The isolation of manganese-(II) and -(III) complexes of 3- and 3,5-substituted N,N'-bis(salicylidene)ethane-1,2-diamine (H2salen) ligands. Journal of the Chemical Society Dalton Transactions, 1996, , 2935-2944.	1.1	110
89	The use of electrochemical methods in the preparation of new manganese(II) complexes of bidentate schiff base ligands and 1,10-phenanthroline: The X-ray crystal structure of 1,10-phenanthroline bis-N-[2-(4-methyl)phenyl]-salicylideneimato- manganese(II). Polyhedron, 1996, 15, 1375-1382.	2.2	9
90	Electrochemical synthesis of manganese(II) and (III) complexes derived from alicylaldehyde and 2-(2-aminoethyl)pyridine. Polyhedron, 1996, 15, 3717-3724.	2.2	17

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91	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.	1.4	9
92	Structurally diverse manganese(III) carboxylate complexes of N ₂ O ₂ donor set symmetrical Schiff base ligands. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2193.	2.0	27
93	A mechanism for the rearrangement of unsymmetrical tetradentate (N ₂ O ₂) 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.	1.1	22
94	Crystallographic characterisation of a possible model for photosystem II. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1153.	2.0	52
95	Isolation of a remarkably stable hydrogen bonded dimeric manganese(II) complex, [Mn(L)(OH ₂) ₂ (Me ₂ SO) 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.	2.0	12
96	Synthesis and characterisation of manganese(III) unsymmetrical Schiff-base complexes: a unique example of a cocrystallised manganese(III) unsymmetrical Schiff-base complex, and a symmetric Schiff-base complex arising from rearrangement of the former. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1605.	1.1	39
97	The crystal structure of [Mn(salpn)(acetate)] ₂ (H ₂ O) ₃ ; the first example of a manganese(III) Schiff base polymeric complex containing a dimeric repeat unit [salpn = N,N'-bis(salicylidene)-1,3-diaminopropane]. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1524-1526.	2.0	36
98	The visible light induced rearrangement of a manganese(III) complex of an unsymmetrical tetradentate Schiff's base ligand, 4-[2-(2-hydroxyphenylmethyleneamino)ethylamino]pent-3-en-2-one, to a manganese(III) complex of the symmetrical ligand salen. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 728.	2.0	47