

Manuel R Bermejo

List of Publications by Year in descending order

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98
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101
docs citations

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times ranked

2464
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#	ARTICLE	IF	CITATIONS
1	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
2	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 (H ₂ salen) ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 2935-2944.	1.1	110
3	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.	2.2	76
4	Route to Cluster Helicates. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4182-4187.	13.8	73
5	Unexpected Ferromagnetic Interaction in a New Tetranuclear Copper(II) Complex: A Synthesis, Crystal Structure, Magnetic Properties, and Theoretical Studies. <i>Inorganic Chemistry</i> , 2005, 44, 5011-5020.	4.0	71
6	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
7	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 -O ₂ Carbonate Ligand. <i>Inorganic Chemistry</i> , 2006, 45, 255-262.	4.0	64
8	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
9	A 3D network of helicates fully assembled by π -stacking interactions. <i>Chemical Communications</i> , 2003, , 1840-1841.	4.1	59
10	Electrochemical synthesis and structural characterisation of transition metal complexes with 2,6-bis(1-salicyloylhydrazonoethyl)pyridine, H ₄ daps. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2211-2218.	1.1	56
11	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
12	Crystallographic characterisation of a possible model for photosystem II. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1153.	2.0	52
13	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
14	Structurally diverse manganese(III) complexes of tetradentate N ₂ O ₂ Schiff-base ligands with ancillary carboxylate donors. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1805-1814.	1.1	49
15	Dinuclear nickel complexes with a Ni ₂ O ₂ core: a structural and magnetic study. <i>Dalton Transactions</i> , 2006, , 4260-4270.	3.3	49
16	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.	2.8	48
17	Self-Assembly of Dimeric Mn(III) Schiff-Base Complexes Tuned by Perchlorate Anions. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3789-3797.	2.0	48
18	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

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19	Pentadentate thiosemicarbazones as versatile chelating systems. A comparative structural study of their metallic complexes. Dalton Transactions, 2008, , 6776.	3.3	46
20	An unusual [4 + 4 + 4] bischelical complex, Cu ₃ (H ₂ L)(L)·2H ₂ O [H ₄ L ²⁻ = N,N ²⁻ -bis(3-hydroxysalicylidene)-1,4-diaminobutane]: synthesis and crystal structure. Chemical Communications, 1999, , 1953-1954.	4.1	45
21	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
22	Dinuclear Co(III)/Co(III) and Co(II)/Co(III) mixed-valent complexes: synthetic control of the cobalt oxidation level. Dalton Transactions, 2006, , 4905-4913.	3.3	45
23	A di- $\frac{1}{4}$ -phenoxo bridged zinc dimer with unfamiliar spatial arrangement. Inorganic Chemistry Communication, 2004, 7, 311-314.	3.9	43
24	Influence of the geometry around the manganese ion on the peroxidase and catalase activities of Mn(III) \rightarrow Schiff base complexes. Journal of Inorganic Biochemistry, 2011, 105, 1538-1547.	3.5	43
25	Metal complexes with a chiral N ₄ symmetrical Schiff base. Crystal structures of the ligand and its Cu(II) and Ni(II) \rightarrow mono-helicates \rightarrow . Dalton Transactions RSC, 2002, , 870.	2.3	41
26	Zinc and cadmium complexes with an achiral symmetric helicand. Crystal structure of an enantiomerically pure \rightarrow -Zn(II) monohelicate. New Journal of Chemistry, 2002, 26, 1365-1370.	2.8	41
27	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. Journal of the Chemical Society Dalton Transactions, 1993, , 1605.	1.1	39
28	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 ²⁻ -bis(salicylidene)-1,3-diaminopropane]. Journal of the Chemical Society Chemical Communications, 1992, , 1524-1526.	2.0	36
29	Influence of the metal size in the structure of the complexes derived from a pentadentate [N ₃ O ₂] hydrazone. Dalton Transactions, 2006, , 5304-5314.	3.3	36
30	Novel peroxidase mimics: $\frac{1}{4}$ -Aqua manganese \rightarrow Schiff base dimers. Journal of Inorganic Biochemistry, 2006, 100, 1470-1478.	3.5	36
31	Metal \rightarrow Catalysed Oxidation Processes in Thiosemicarbazones: New Complexes with the Ligand \rightarrow -N,N ²⁻ -bis(4-ethylthiosemicarbazone)methylphenyl \rightarrow -p-toluenesulfonamide. Chemistry - A European Journal, 2008, 14, 500-512.	3.3	36
32	Insights into the absorption of carbon dioxide by zinc substrates: isolation and reactivity of di- and tetranuclear zinc complexes. Dalton Transactions, 2004, , 2135-2141.	3.3	35
33	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. European Journal of Inorganic Chemistry, 2005, 2005, 3479-3490.	2.0	34
34	Coordinative trends of a tridentate thiosemicarbazone ligand: synthesis, characterization, luminescence studies and desulfurization processes. Dalton Transactions, 2009, , 8329.	3.3	34
35	Manganese-Schiff base complexes as catalysts for water photolysis. Physical Chemistry Chemical Physics, 2011, 13, 18069.	2.8	34
36	Zinc and cadmium complexes with versatile hexadentate Schiff base ligands. The supramolecular self-assembly of a 3-D cage-like complex \rightarrow S \rightarrow . Dalton Transactions RSC, 2000, , 4174-4181.	2.3	33

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37	Ferromagnetism in dinuclear copper(ii)-phenolate complexes with exogenous O-donor bridges: a comparative study. Dalton Transactions, 2005, , 3785.	3.3	33
38	Sulfonamide-imines as selective fluorescent chemosensors for the fluoride anion. Organic and Biomolecular Chemistry, 2010, 8, 357-362.	2.8	33
39	Checking the Route to Cluster Helicates. European Journal of Inorganic Chemistry, 2008, 2008, 3852-3863.	2.0	32
40	Synthesis and crystal structure of a mononuclear iron(III) (η^2 -acetato) complex of a η^2 -cis folded salen type ligand. Polyhedron, 2004, 23, 963-967.	2.2	31
41	Unusual high nuclearity and pseudo-tetrahedral Zn ₈ O ₁₃ core found in a self-assembled complex. Chemical Communications, 2000, , 795-796.	4.1	29
42	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 η^2 -Cu(II) monohelicate. Inorganica Chimica Acta, 2004, 357, 2561-2569.	2.4	29
43	Structurally diverse manganese(III) carboxylate complexes of N ₂ O ₂ donor set symmetrical Schiff base ligands. Journal of the Chemical Society Chemical Communications, 1994, , 2193.	2.0	27
44	Ferromagnetic exchange in a dinuclear copper(ii) complex mediated by a methanolate bridging ligand. Dalton Transactions, 2004, , 3503-3507.	3.3	27
45	Supramolecular Aggregation of Pd(II) Monohelicates Directed by Discrete (H ₂ O) ₈ Clusters in a 1,4-Diaxially Substituted Hexameric Chairlike Conformation. Crystal Growth and Design, 2008, 8, 2083-2086.	3.0	26
46	A metallo-supramolecular approach to a half-subtractor. New Journal of Chemistry, 2008, 32, 1473.	2.8	26
47	Mn(III) complexes with asymmetrical N ₂ O ₃ Schiff bases. The unusual crystal structure of [Mn(phenglydisal-3-Br,5-Cl)(dmsO)] (H ₃ phenglydisal-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
48	Supramolecular networks of Mn(III) Schiff base complexes assembled by nitrate counterions: X-ray crystal structures of 1D chains and 2D networks. Polyhedron, 2012, 31, 379-385.	2.2	23
49	Alkali-Metal-Ion-Directed Self-Assembly of Redox-Active Manganese(III) Supramolecular Boxes. Inorganic Chemistry, 2015, 54, 2512-2521.	4.0	23
50	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. Journal of the Chemical Society Dalton Transactions, 1994, , 1265.	1.1	22
51	Structural characterisation of metal complexes containing 1-[(4-methylphenyl)sulfonamido]-2-[(2-pyridylmethylene) amino]benzene. New Journal of Chemistry, 2001, 25, 647-654.	2.8	22
52	The first neutral Sn(II) complex derived from a pentadentate thiosemicarbazone ligand. Inorganic Chemistry Communication, 2004, 7, 4-8.	3.9	21
53	From dinuclear to tetranuclear zinc complexes through carboxylate donors: structural and luminescence studies. New Journal of Chemistry, 2008, 32, 247-257.	2.8	20
54	Endogenous Arene Hydroxylation Promoted by Copper(I) Cluster Helicates. Chemistry - A European Journal, 2010, 16, 14175-14180.	3.3	20

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55	Asymmetric self-assembly with atmospheric CO ₂ fixation of a pentanuclear carbonate Ni(II) complex based on dissimilar building blocks. <i>Dalton Transactions</i> , 2007, , 414-416.	3.3	19
56	Synthesis and Photophysical Properties of Ln(III)-DOTA-Bipy Complexes and Ln(III)-DOTA-Bipy-Ru(II) Coordination Conjugates. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4532-4545.	2.0	19
57	Metal self-recognition: a pathway to control the formation of dihelicates and mesocates. <i>Dalton Transactions</i> , 2012, 41, 13395.	3.3	19
58	Crystallisation Solvent Influence on the Crystal Structures of Mn(II) and Ni(II) Complexes with 2,6-bis(1-salicyloylhydrazonoethyl)pyridine, H ₄ daps. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2000, 626, 506-513.	1.2	18
59	Dinuclear neutral complexes of a symmetric N ₂ +N ₂ -donor diimine ligand. <i>Polyhedron</i> , 2006, 25, 1714-1722.	2.2	18
60	Electrochemical synthesis of manganese(II) and (III) complexes derived from alicylaldehyde and 2-(2-aminoethyl)pyridine. <i>Polyhedron</i> , 1996, 15, 3717-3724.	2.2	17
61	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
62	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
63	Trimorphism of an asymmetric disulfonamide Schiff base. <i>New Journal of Chemistry</i> , 2007, 31, 1605.	2.8	15
64	Versatile coordination behaviour of an asymmetric half-salen ligand bearing a dansyl fluorophore. <i>Dalton Transactions</i> , 2012, 41, 10832.	3.3	15
65	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
66	Monohelical Metal Complexes of a Bis-Bidentate Schiff Base with a Short Rigid Spacer. The Spontaneous Resolution of P-[Ni(FTs)] ₂ ·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
67	Syn ^{anti} and anti ^{anti} conformations of a diimine derived from p-xylylenediamine and its neutral Cu(II) and Zn(II) dinuclear complexes. <i>Inorganica Chimica Acta</i> , 2006, 359, 3156-3166.	2.4	14
68	N,N'-Bis(2-tosylaminobenzylidene)-1,2-ethanediamine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 347-348.	0.4	13
69	Dimeric Complexes of a Tridentate Schiff Base Ligand ^{anti} Crystal Structure of a Cu(II) Complex with Uncommon 1/2-Nsulfonamido Bridges and Ferromagnetic Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1719-1726.	2.0	13
70	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
71	N,N'-Bis(2-tosylaminobenzylidene)benzene-1,2-diamine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 492-493.	0.4	12
72	Rearrangement and co-ordination of 1-[(4-methylphenyl)sulfonamido]-2-[1-(2-pyridylmethylidene)amino]benzene. <i>New Journal of Chemistry</i> , 2000, 24, 33-38.	2.8	12

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73	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
74	“The Golden Method”: Electrochemical Synthesis Is an Efficient Route to Gold Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 7823-7825.	4.0	12
75	Mono- and dinuclear Ni(II) complexes with N ₃ O Schiff base ligands. Crystal structure of [Ni(AEPyz)]ClO ₄ (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.	2.4	11
76	Dinuclear Cobalt(III) Complexes Showing a Co ₂ O ₂ Metallacycle. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2041-2045.	1.2	11
77	New Neutral Metal Complexes from the 4-Phenylthiosemicarbazone-pyridinecarboxaldehyde Ligand ¹¹³ Cd and ²⁰⁷ Pb NMR Studies. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1911-1918.	1.2	11
78	A sequentially assembled grid composed of supramolecular meso-helical nodes. <i>Chemical Communications</i> , 2011, 47, 9633.	4.1	11
79	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
80	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
81	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-methylphenyl)-salicylideneiminato)-manganese(II)]. <i>Polyhedron</i> , 1996, 15, 1375-1382.	2.2	9
82	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
83	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
84	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
85	A water reduction process performed by zinc metal under very mild conditions. <i>Chemical Communications</i> , 2010, 46, 5115.	4.1	8
86	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
87	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
88	Title is missing!. <i>Transition Metal Chemistry</i> , 2001, 26, 120-126.	1.4	6
89	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
90	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

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91	Chains or grids of cadmium(ii) helicates?. CrystEngComm, 2012, 14, 4270.	2.6	5
92	Fixation of Sulphur Dioxide by Manganese(II)-Schiff Base Complexes: Thermal Stability of these Adducts and the Possible Conversion of the Coordinated SO ₂ to Sulphate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2000-2005.	1.2	4
93	Interaction of Mn(acac) ₃ with Asymmetrical Schiff Base Ligands containing an Amido Group. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2167-2173.	1.2	2
94	2019 ANO INTERNACIONAL DO SISTEMA PERIÓDICO. UN PROXECTO PARA UN PAÍS. , 2019, 87, 11-19.		0
95	A IUPAC NA AXUDA DA CONFECCIÃO DO SISTEMA PERIÓDICO. , 2019, 87, 103-115.		0
96	O GALICION FOI NOMEADO OGANESSON. A UTILIDADE DA PREDICIBILIDADE QUÍMICA DE MENDELEEV NA DIDÁCTICA DA AULA. , 2019, 87, 155-165.		0
97	A METALURXIA NA HISTORIA DO SISTEMA PERIÓDICO. , 2019, 87, 129-144.		0
98	O SISTEMA PERIÓDICO COMO FERRAMENTA NO ENSINO DA QUÍMICA. , 2019, 87, 195-208.		0