

Vickie McKee

List of Publications by Year in descending order

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9,350
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36303

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docs citations

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times ranked

7958
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#	ARTICLE	IF	CITATIONS
1	Nanostructured Fe_2O_3 Thin Films for Photoelectrochemical Hydrogen Generation. <i>Chemistry of Materials</i> , 2009, 21, 3763-3772.	6.7	317
2	Hemocyanin models: synthesis, structure, and magnetic properties of a binucleating copper(II) system. <i>Journal of the American Chemical Society</i> , 1984, 106, 4765-4772.	13.7	276
3	Molecular methods for assessment of non-covalent metal-drug-DNA interactions. <i>Chemical Society Reviews</i> , 2019, 48, 971-988.	38.1	196
4	Further insight into magnetostructural correlations in binuclear copper(II) species related to methemocyanin: x-ray crystal structure of 1,2- μ -nitrito complex. <i>Inorganic Chemistry</i> , 1985, 24, 2914-2919.	4.0	181
5	Caged oxoanions Electronic supplementary information (ESI) available: tables of protonation and stability constants and graphs of species formation as a function of pH for R3Bm + malonate and R3P + malonate and the distribution of protonated species as a function of pH for Me6R3Bm. See http://www.rsc.org/suppdata/cs/b2/b200672n/ . <i>Chemical Society Reviews</i> , 2003, 32, 309.	38.1	177
6	Geometric control of manganese redox state. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1035.	2.0	136
7	Copper(II) hemocyanin models. <i>Journal of the American Chemical Society</i> , 1981, 103, 7000-7001.	13.7	123
8	Highly delocalized Cu(I)/Cu(II); a copper-copper bond?. <i>Journal of the American Chemical Society</i> , 1991, 113, 9684-9685.	13.7	122
9	Self-Assembled Dinuclear Lanthanide Helicates: Substantial Luminescence Enhancement upon Replacing Terminal Benzimidazole Groups by Carboxamide Binding Units. <i>Inorganic Chemistry</i> , 1998, 37, 577-589.	4.0	122
10	Synthesis and anti-Candida activity of copper(II) and manganese(II) carboxylate complexes. <i>Polyhedron</i> , 1999, 18, 2931-2939.	2.2	122
11	Potentially bioactive organotin(IV) compounds: Synthesis, characterization, in vitro bioactivities and interaction with SS-DNA. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 343-363.	5.5	114
12	Structural comparison of a redox pair of copper(I/II) complexes having benzimidazole thioether ligands. <i>Inorganic Chemistry</i> , 1982, 21, 1332-1342.	4.0	108
13	Synthesis and catalytic activity of manganese(II) complexes of heterocyclic carboxylic acids: X-ray crystal structures of $[\text{Mn}(\text{pyr})_2]_n$, $[\text{Mn}(\text{dipic})(\text{bipy})_2] \cdot 4.5\text{H}_2\text{O}$ and $[\text{Mn}(\text{chedam})(\text{bipy})] \cdot \text{H}_2\text{O}$ (pyr=2-pyrazinecarboxylic acid; dipic=pyridine-2,6-dicarboxylic acid; chedam=chelidamic) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 5</i>	2.2	108
14	A Manganese(III) Complex That Exhibits Spin Crossover Triggered by Geometric Tuning. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7192-7195.	13.8	104
15	Dinuclear copper(II) and polymeric tetranuclear copper(II) and copper(II)-copper(I) complexes of macrocyclic ligands capable of forming endogenous alkoxide and phenoxide bridges. Structural, magnetic, and electrochemical studies. <i>Inorganic Chemistry</i> , 1992, 31, 4635-4642.	4.0	102
16	Bis-phenanthroline copper(II) phthalate complexes are potent in vitro antitumour agents with self-activating metallo-nuclease and DNA binding properties. <i>Dalton Transactions</i> , 2011, 40, 1024-1027.	3.3	98
17	Synthesis, characterization and biological assay of Salicylaldehyde Schiff base Cu(II) complexes and their precursors. <i>Journal of Molecular Structure</i> , 2018, 1155, 337-348.	3.6	98
18	Organotin(IV) carboxylate derivatives as a new addition to anticancer and antileishmanial agents: design, physicochemical characterization and interaction with Salmon sperm DNA. <i>RSC Advances</i> , 2014, 4, 57505-57521.	3.6	90

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19	“Silver bullets”™ in antimicrobial chemotherapy: Synthesis, characterisation and biological screening of some new Ag(I)-containing imidazole complexes. <i>Polyhedron</i> , 2006, 25, 1771-1778.	2.2	88
20	Syntheses and X-ray crystal structures of cis-[Mn(bipy)2Cl2] · 2H2O · EtOH and cis-[Mn(phen)2Cl2] (bipy) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102 Td (=d,5,5,7,12,12,14) He 10537-10551.	2.4	85
21	Synthesis, X-ray crystal structure, anti-fungal and anti-cancer activity of [Ag2(NH3)2(salH)2] (salH2=salicylic acid). <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1361-1366.	3.5	84
22	Synthesis and X-ray crystal structure of [Ag(phen)2]ClO4 (phen) = 1,10-phenanthroline-5,6-dione) and its effects on fungal and mammalian cells. <i>BioMetals</i> , 2004, 17, 635-645.	4.1	83
23	Synthesis, antimicrobial activity and chemotherapeutic potential of inorganic derivatives of 2-(4-thiazolyl)benzimidazole{thiabendazole}: X-ray crystal structures of [Cu(TBZH)2Cl] · H2O · EtOH and TBZH2NO3 (TBZH=thiabendazole). <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1023-1031.	3.5	80
24	Cascade complexation of pseudo-halide by dicopper cryptates: a linear Cu“NNN”Cu unit. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 3227-3230.	1.1	77
25	Constrained ferromagnetic coupling in dinuclear 1,3-azido nickel(II) cryptate compounds. Crystal structure and magnetic behaviour of [Ni2(L1)(N3)(H2O)] [CF3SO3]3 · 2H2O · EtOH {L1=...N[(CH2)2NHCH2(C6H4-m)CH2NH(CH2)2]3N} · 3H2O. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 223-228.	1.1	72
26	Macrocyclic Complexes as Models for Nonporphine Metalloproteins. <i>Advances in Inorganic Chemistry</i> , 1993, , 323-410.	1.0	71
27	Towards promising oxoanion extractants: azacages and open-chain counterparts. <i>Dalton Transactions</i> , 2003, , 1961-1968.	3.3	69
28	Polyiron Oxo Chemistry at the Molecular/Solid-State Boundary: Synthesis, Structure, and Magnetic and Moessbauer Properties of [Fe16MO10(OH)10(O2CPh)20] Complexes, M = Mn, Fe, or Co. <i>Journal of the American Chemical Society</i> , 1994, 116, 8061-8069.	13.7	68
29	Cascade chemistry in azacryptand cages: bridging carbonates and methylcarbonates Electronic supplementary information (ESI) available: magnetic data. See http://www.rsc.org/suppdata/dt/b1/b110449g/ . <i>Dalton Transactions RSC</i> , 2002, , 1704-1713.	2.3	68
30	Newly designed organotin(IV) carboxylates with peptide linkage: Synthesis, structural elucidation, physicochemical characterizations and pharmacological investigations. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1903-1918.	5.5	65
31	Tsalen- and Tsalpn-Based Nickel Complexes with Two Aldehyde Functionalities as Potential Synthons for Thiophenolate-Containing Di- and Polynucleating Acyclic and Macrocyclic Ligands. <i>Inorganic Chemistry</i> , 1997, 36, 6080-6085.	4.0	61
32	Synthesis and fungitoxic activity of manganese(II) complexes of fumaric acid: X-ray crystal structures of [Mn(fum)(bipy)(H2O)] and [Mn(Phen)2(H2O)2](fum) · 4H2O (fumH2=fumaric acid; bipy=2,2'-bipyridine;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102 Td (=d,5,5,7,12,12,14) He 10537-10551.	2.2	61
33	Hydrothermal synthesis and crystal structure of two Co phosphonates containing trifunctional phosphonate anions: Co3(O3PCH2NH2CH2PO3)2 and Co3(O3PCH2-NC4H7-CO2)2 · 5H2O. <i>Dalton Transactions</i> , 2003, , 1314-1319.	3.3	61
34	Monodentate Schiff base ligands: Their structural characterization, photoluminescence, anticancer, electrochemical and sensor properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 477-485.	3.9	61
35	Structural and Magnetic Diversity in Cyano-Bridged Bi- and Trimetallic Complexes Assembled from Cyanometalates and [M(rac-CTH)]n+ Building Blocks (CTH) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 Td (=d,5,5,7,12,12,14) He 10537-10551.	4.0	59
36	Binuclear manganese(II) and nickel(II) complexes with a potentially octadentate macrocyclic ligand (H4L1): synthesis and characterisation. X-ray crystal structures of [Mn2(H2L1)(CH3COO)2] · 2CH3OH and [Ni2(H2L1)(H2O)2Cl2] · 2H2O. <i>Inorganica Chimica Acta</i> , 1990, 173, 181-190.	2.4	58

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37	Straightforward Methodology for the Enantioselective Synthesis of Benzo[a]- and Indolo[2,3-a]quinolizidines. <i>Journal of Organic Chemistry</i> , 2007, 72, 5193-5201.	3.2	58
38	Structural characterization of some Schiff base compounds: Investigation of their electrochemical, photoluminescence, thermal and anticancer activity properties. <i>Journal of Luminescence</i> , 2013, 143, 623-634.	3.1	57
39	Binding Properties of Octaaminocryptands. <i>Inorganic Chemistry</i> , 2000, 39, 573-579.	4.0	56
40	Coordination Chemistry of Azacryptands. <i>Progress in Inorganic Chemistry</i> , 2007, , 167-316.	3.0	56
41	An octacopper(II) complex with .mu.5-oxo, and tripod-like perchlorate ligands; formation and x-ray structure of the [Cu4(L)O(CLO4)]2(CLO4)2.2H2O dimer. <i>Inorganic Chemistry</i> , 1989, 28, 2901-2902.	4.0	55
42	Manganese(II) complexes of hexanedioic and heptanedioic acids: X-ray crystal structures of [Mn(O2C(CH2)4CO2(phen)2H2O)]·7H2O and [Mn(phen)2(H2O)2][Mn(O2C(CH2)5CO2)] Tj ETQq0 0 0 rgBT /Ozrlock 105f 50 537		
43	Partial spin crossover behaviour in a dinuclear iron(ii) triple helicate. <i>Dalton Transactions</i> , 2011, 40, 12368.	3.3	55
44	Regulating Bioactivity of Cu²⁺ Bis-1,10-phenanthroline Artificial Metallonucleases with Sterically Functionalized Pendant Carboxylates. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 8599-8615.	6.4	55
45	Formation of a (4 + 4) Schiff-base macrocyclic ligand by a template rearrangement. Crystal and molecular structures of two tetranuclear manganese(II) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 2555.	1.1	54
46	Synthesis and characterisation of a series of tetra- and octa-copper(II) complexes with macrocyclic ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 221.	1.1	54
47	Protonated azacryptate hosts for nitrate and perchlorate. <i>Dalton Transactions RSC</i> , 2000, , 2853-2859.	2.3	54
48	Bu3SnH-mediated radical cyclisation onto azoles. <i>Tetrahedron</i> , 2008, 64, 7745-7758.	1.9	54
49	Potent oxidative DNA cleavage by the di-copper cytotoxin: [Cu2(1/4-terephthalate)(1,10-phen)4]2+. <i>Chemical Communications</i> , 2012, 48, 6906.	4.1	54
50	Synthesis, structure and anti-fungal activity of dimeric Ag(I) complexes containing bis-imidazole ligands. <i>Polyhedron</i> , 2004, 23, 1249-1255.	2.2	53
51	Raman Spectroscopy of Three Average-Valence Dicopper Cryptates: Evidence for Copper-Copper Bonding. <i>Inorganic Chemistry</i> , 1998, 37, 3567-3574.	4.0	52
52	Dicopper cryptates with 1,1 and 1,3 bridging ligands: spectroscopic, magnetic and electrochemical properties. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 1471.	1.1	51
53	ZnFe2O4 thin films from a single source precursor by aerosol assisted chemical vapour deposition. <i>Thin Solid Films</i> , 2010, 518, 3664-3668.	1.8	49
54	Hydrolytically-sensitive hexaimino and hydrolytically-inert octaamino-cryptand hosts for dicopper. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 1739.	1.1	48

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55	Di-, Tri-, and Tetracopper(II) Complexes of a Pseudocalixarene Macrocyclic. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4553-4556.	13.8	48
56	Mannich and O-Alkylation Reactions of Tetraalkoxyresorcin[4]arenes – The Use of Some Products in Ligand-Assisted Reactions. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 5117-5134.	2.4	48
57	Dicopper(II) complexes of a macrocyclic ligand containing single hydroxo-, methoxy-, or 1,1-azido-bridges: synthesis, magnetic properties, electron spin resonance spectra, and the crystal and molecular structure of a μ -hydroxo-derivative. <i>Journal of the Chemical Society Dalton Transactions</i> , 1982, , 1837-1843.	1.1	47
58	The crystal and molecular structures of magnesium tetraphenylporphyrin complexes involving water and methanol coordination. <i>Inorganica Chimica Acta</i> , 1988, 151, 233-236.	2.4	47
59	Synthesis, structural characterization, catalytic, thermal and electrochemical investigations of bidentate Schiff base ligand and its metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 76, 174-181.	3.9	47
60	Synthetic applications of aryl radical building blocks for cyclisation onto azoles. <i>Tetrahedron</i> , 2005, 61, 2689-2696.	1.9	46
61	Schiff base triphenylphosphine palladium (II) complexes: Synthesis, structural elucidation, electrochemical and biological evaluation. <i>Journal of Molecular Structure</i> , 2016, 1118, 250-258.	3.6	46
62	Silver(I) complexes of 9-anthracenecarboxylic acid and imidazoles: synthesis, structure and antimicrobial activity. <i>Dalton Transactions</i> , 2012, 41, 6516.	3.3	45
63	A dinuclear manganese(II) complex with 2,6-pyridinedicarboxylate: Preparation, crystal structure and oxygen evolution activity in the presence of oxone. <i>Catalysis Communications</i> , 2010, 11, 1032-1035.	3.3	44
64	Synthesis, characterization and antimicrobial studies of 2-[(E)-[(2-hydroxy-5-methylphenyl)imino]methyl]-4-[(E)-phenyldiazenyl]phenol as a novel azo-azomethine dye. <i>Journal of Molecular Structure</i> , 2013, 1053, 89-99.	3.6	44
65	Caged anions: perchlorate and perfluoroanion cryptates. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1649.	2.0	43
66	Binuclear and polymeric copper(II) dicarboxylate complexes: syntheses and crystal structures of $[\text{Cu}_2(\text{pda})(\text{Phen})_4](\text{ClO}_4)_2 \cdot 5\text{H}_2\text{O} \cdot \text{C}_2\text{H}_5\text{OH}$, $[\text{Cu}_2(\text{oda})(\text{Phen})_4](\text{ClO}_4)_2 \cdot 2.67\text{H}_2\text{O} \cdot \text{C}_2\text{H}_5\text{OH}$ and $\{[\text{Cu}_2(\text{pda})_2(\text{NH}_3)_4(\text{H}_2\text{O})_2] \cdot 4\text{H}_2\text{O}\}_n$ (odaH ₂ =octanedioic acid; pdaH ₂ =pentanedioic acid; Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 29	3.2	43
67	The first pentanuclear heterobimetallic coordination cation with Ce(III), Ce(IV) and Mn(II). <i>Inorganic Chemistry Communication</i> , 2011, 14, 125-127.	3.9	43
68	Response to steric constraint in azacryptate and related complexes of iron(II) and -(III) d^5 . <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1837-1844.	1.1	42
69	Copper(I) hemocyanin models: variable coordination number and distorted geometries in benzimidazole chelates. <i>Inorganic Chemistry</i> , 1990, 29, 110-119.	4.0	41
70	Chloromercury(II) anions. <i>Coordination Chemistry Reviews</i> , 1994, 135-136, 533-586.	18.8	41
71	Selectivity for dinegative versus mononegative oxoanionic guests within a cryptand host. <i>Dalton Transactions RSC</i> , 2001, , 1395-1397.	2.3	41
72	Synthesis, structure and biological activity of silver(I) complexes of substituted imidazoles. <i>Polyhedron</i> , 2013, 56, 180-188.	2.2	41

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73	Di-copper metallodrugs promote NCI-60 chemotherapy via singlet oxygen and superoxide production with tandem TA/TA and AT/AT oligonucleotide discrimination. <i>Nucleic Acids Research</i> , 2018, 46, 2733-2750.	14.5	41
74	X-Ray structural analysis of a tetra-manganese(II) complex of a new (4 Å– 4) Schiff-base macrocycle incorporating a cubane-like Mn ₄ (alkoxy) ₄ core. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 158-159.	2.0	40
75	Synthesis of Bridged, Multifunctional Calixarenes via Ring Closing Metathesis. <i>Journal of Organic Chemistry</i> , 1998, 63, 946-951.	3.2	40
76	An azo-azomethine ligand and its copper(II) complex: Synthesis, X-ray crystal structure, spectral, thermal, electrochemical and photoluminescence properties. <i>Inorganica Chimica Acta</i> , 2015, 430, 268-279.	2.4	39
77	Crystal and molecular structure and some properties of pyridinium μ -oxo-bis[trichloroferrate(III)] π -pyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1978, , 80-84.	1.1	38
78	The crystal structures of chloro mercury(II) salts found for some Cr ^{N63+} cations and their Cr ⁱ –N bond-ruptured hydrolysis products. <i>Inorganica Chimica Acta</i> , 1989, 157, 15-27.	2.4	38
79	Mn ₂ O ₃ π 4TiO ₂ semiconducting composite thin films for photo-electrochemical water splitting. <i>Polyhedron</i> , 2014, 75, 135-140.	2.2	38
80	Lead(II) and barium(II) complexes of a potentially octadentate macrocyclic ligand (H ₄ L), capable of providing endogenous alkoxy and phenoxy bridges. The X-ray crystal structures of [Pb(H ₄ L)][ClO ₄] ₂ , [Pb ₂ (H ₂ L)][ClO ₄] ₂ , and [(H ₆ L)(H ₂ O) ₂][ClO ₄] ₂ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 19.	1.1	37
81	A new polyhalogen network for bromine - Br ₁₀₂ π . <i>Inorganica Chimica Acta</i> , 1990, 167, 135-137.	2.4	37
82	Complexes of a new mononucleating cage ligand; livelier than sepulchrates?. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1148.	2.0	37
83	Pyridinophane cryptand hosts with dicopper(I) or dicopper(II) preferences. <i>Inorganica Chimica Acta</i> , 1993, 211, 195-202.	2.4	37
84	A new phenanthroline π oxazine ligand: synthesis, coordination chemistry and atypical DNA binding interaction. <i>Chemical Communications</i> , 2013, 49, 2341.	4.1	37
85	New bio-active azo-azomethine based Cu(II) complexes. <i>Inorganica Chimica Acta</i> , 2016, 444, 166-175.	2.4	37
86	Structural systematics of the isomeric di- π /4-chlorobis(N, N-dialkylbenzylamine-2,C, N)dipalladium(II) complexes. The crystal structures of the ortho-, meta- and para-methoxy substituted complexes. <i>Journal of Organometallic Chemistry</i> , 1985, 288, 109-117.	1.8	36
87	Synthesis and Biological Activity of Manganese (II) Complexes of Phthalic and Isophthalic Acid: X-Ray Crystal Structures of [Mn(ph)(Phen) ₂ (H ₂ O)] \cdot 4H ₂ O, [Mn(Phen) ₂ (H ₂ O) ₂] ₂ (Isoph) ₂ (Phen) \cdot 12H ₂ O and {[Mn(Isoph)(bipy)] ₄ \cdot 2.75bipy} _n (phH ₂ = Phthalic Acid; isoph = Isophthalic Acid; phen =) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	3.8	36
88	The Preparation and Absolute Configurations of Enantiomerically Pure C ₄ -Symmetric Tetraalkoxyresorcin[4]arenes Obtained from Camphorsulfonate Derivatives. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 5135-5151.	2.4	36
89	Synthesis, characterization, biological and electrochemical evaluation of novel ether based ON donor bidentate Schiff bases. <i>Journal of Molecular Structure</i> , 2016, 1116, 84-92.	3.6	36
90	Exploration of organotin(IV) derivatives for medicinal applications: Synthesis, spectroscopic characterization, structural elucidation and molecular docking study. <i>Journal of Molecular Structure</i> , 2019, 1181, 93-108.	3.6	36

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91	A furan-derived schiff-base crypt and incorporating the trans,trans dicarbimine link. <i>Polyhedron</i> , 1989, 8, 1143-1145.	2.2	35
92	Tetra- and pentamanganese(II) macrocyclic complexes with bridging carboxylate groups: product control by pretreatment of manganese acetate solutions. <i>Inorganica Chimica Acta</i> , 1996, 246, 171-179.	2.4	35
93	Manganese(II) salicylate complexes as H ₂ O ₂ disproportionation catalysts: X-ray crystal structure of [Mn(Hsal) ₂ (bipy)]·H ₂ O (H ₂ sal = salicylic acid, bipy = 2,2'-bipyridine). <i>Polyhedron</i> , 1996, 15, 2029-2033.	2.2	35
94	Synthesis and catalytic activity of manganese(II) complexes of pentanedioic acid; X-ray crystal structure of [Mn(phen) ₂ (H ₂ O) ₂][Mn(O ₂ C(CH ₂) ₃ CO ₂)(phen) ₂ H ₂ O]·(O ₂ C(CH ₂) ₃ CO ₂) ₂ ·12H ₂ O (phen = 1,10-phenanthroline). <i>Polyhedron</i> , 1996, 15, 2029-2033.	2.2	35
95	Amides as precursors of imidoyl radicals in cyclisation reactions. <i>Tetrahedron</i> , 2007, 63, 191-203.	1.9	35
96	Optically active cis-dianion(tetraamine)chromium(III) complexes. 5. The absolute configuration of (-)-cis-(RRRR)-[CrCl ₂ (cyclam)]ClO ₄ . <i>Inorganic Chemistry</i> , 1984, 23, 4237-4242.	4.0	34
97	Synthesis and structure of Mn(II), Cu(II) and Zn(II) complexes containing bis-imidazole ligands. <i>Polyhedron</i> , 2004, 23, 1731-1737.	2.2	34
98	Synthesis, spectroscopic characterization and in vitro antimicrobial, anticancer and antileishmanial activities as well interaction with Salmon sperm DNA of newly synthesized carboxylic acid derivative, 4-(4-methoxy-2-nitrophenylamino)-4-oxobutanoic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 138, 569-578.	3.9	34
99	The X-ray crystal structure and some properties of a planar tetracopper(II) macrocyclic complex containing a μ ₄ -hydroxo bridge. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 385-387.	2.0	33
100	Linear Cu ²⁺ OH ⁻ Cu: magnetic silence for dicopper(II) in trigonal bipyramidal coordination geometry. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, .	2.0	33
101	Cation Complexation by Chemically Modified Calixarenes. 11. Complexation and Extraction of Alkali Cations by Calix[5]- and -[6]arene Ketones. Crystal and Molecular Structures of Calix[5]arene Ketones and Na ⁺ and Rb ⁺ Complexes. <i>Journal of Organic Chemistry</i> , 1998, 63, 489-501.	3.2	33
102	A new paradigm in N-heterocyclic carbenoid ligands. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 6210-6216.	1.8	33
103	[Ag ₂ (aca) ₂] _n and [Ag ₄ (aca) ₄ (NH ₃) ₂] (acaH=9-anthracenecarboxylic acid): Synthesis, X-ray crystal structures, antimicrobial and anti-cancer activities. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1149-1153.	3.9	33
104	Synthesis, structural characterization, thermal and electrochemical studies of the N,N'-bis[(3,4-dichlorophenyl)methylidene]cyclohexane-1,4-diamine and its Cu(II), Co(II) and Ni(II) metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 71, 1648-1654.	3.9	33
105	X-Ray crystal structure and some properties of a tetranuclear, mixed-valence manganese complex of a macrocyclic ligand. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 1334.	2.0	32
106	Geometric control of redox level in tetranuclear manganese and cobalt systems. <i>Inorganica Chimica Acta</i> , 2000, 297, 220-230.	2.4	32
107	Conformational and coordination plasticity in silver(I) cryptates. <i>Dalton Transactions RSC</i> , 2001, , 3641-3646.	2.3	32
108	Synthesis and antimicrobial activity of (Z)-3-(1H-imidazol-1-yl)-2-phenylpropenenitrile and its metal complexes: X-ray crystal structures of the Zn(II) and Ag(I) complexes. <i>Polyhedron</i> , 2003, 22, 1595-1601.	2.2	32

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109	Tetrahedral cobalt(II) complexes stabilized by the aminodiphosphine PNP ligand [PNP = CH ₃ CH ₂ CH ₂ N(CH ₂ CH ₂ PPh ₂) ₂]. Dalton Transactions, 2003, , 3233.	3.3	32
110	Development of molecular precursors for deposition of indium sulphide thin film electrodes for photoelectrochemical applications. Dalton Transactions, 2013, 42, 10919.	3.3	32
111	Cascade complexation: a single cyano bridge links a pair of Cu(II) cations. Dalton Transactions, 2005, , 2403.	3.3	31
112	Metalloantimalarials: Synthesis, X-ray crystal structure of potent antimalarial copper (II) complex of arylazo-4-hydroxy-1,2-naphthoquinone. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 430-432.	2.2	31
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247	Synthesis, biological evaluation and structure-activity relationships of 5-arylidene tetramic acids with antibacterial activity against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127107.	2.2	5
248	2,9-Dimethyl-4,7-diphenyl-1,10-phenanthroline-tetrachloridoaurate(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m479-m480.	0.2	5
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250	Hydroxo at the heart of a hydrophobic cavity: a square planar Cu ₄ O assembly. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 387.	2.0	4
251	Crystal Structure of Poly[diaquamanganese(II)-mu-nicotinamido-N,O]perchlorate. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2007, 23, X23-X24.	0.1	4
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254	7-[2-(3-Furyl)ethyl]-7,8-dimethyl-3,5,6,6a,7,8,9,10-octahydro-1H-naphtho[1,8a-c]furan-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2529-o2529.	0.2	4
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256	X-Ray Crystallographic Analysis, EPR Studies, and Computational Calculations of a Cu(II) Tetramic Acid Complex. <i>Bioinorganic Chemistry and Applications</i> , 2017, 2017, 1-10.	4.1	4
257	NO sorption, in-crystal nitrite and nitrate production with arylamine oxidation in gasâ€“solid single crystal to single crystal reactions. <i>Chemical Communications</i> , 2019, 55, 10551-10554.	4.1	4
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