

Francesco Demartin

List of Publications by Year in descending order

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271
papers

6,791
citations

76196

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docs citations

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times ranked

5061
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#	ARTICLE	IF	CITATIONS
1	New Class of Chiral Diphosphine Ligands for Highly Efficient Transition Metal-Catalyzed Stereoselective Reactions: The Bis(diphenylphosphino) Five-membered Biheteroaryls. <i>Journal of Organic Chemistry</i> , 1996, 61, 6244-6251.	1.7	172
2	Fluorometric Chemosensors. Interaction of Toxic Heavy Metal Ions PbII, CdII, and HgII with Novel Mixed-Donor Phenanthroline-Containing Macrocycles: A Spectrofluorometric, Conductometric, and Crystallographic Studies. <i>Inorganic Chemistry</i> , 2002, 41, 6623-6632.	1.9	151
3	Copper(II) Complexes of salen Analogues with Two Differently Substituted (Push~Pull) Salicylaldehyde Moieties. A Study on the Modulation of Electronic Asymmetry and Nonlinear Optical Properties. <i>Inorganic Chemistry</i> , 2006, 45, 10976-10989.	1.9	135
4	A Selective, Nontoxic, OFF~ON Fluorescent Molecular Sensor Based on 8~Hydroxyquinoline for Probing Cd²⁺ in Living Cells. <i>Chemistry - A European Journal</i> , 2010, 16, 919-930.	1.7	129
5	Synthesis and Structure of the [Ni ₃₈ Pt ₆ (CO) ₄₈ H ₆] _n (n=5, 4) Ions: Ni-Pt Clusters as Models for ?Cherry? Crystallites. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 697-698.	4.4	126
6	Deoxygenation reactions of ortho-nitrostyrenes with carbon monoxide catalysed by metal carbonyls: a new route to indoles. <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 784.	2.0	98
7	Conductivity, FT-Raman spectra, and x-ray crystal structures of two novel [D ₂]In (n = 3 and D =) Tj ETQq1 1 0.784314 rgBT /Overlock 11 First example of I-3I2 heptaiodide. <i>Inorganic Chemistry</i> , 1993, 32, 3694-3699.	1.9	97
8	Anti-Thyroid Drug Methimazole: X-ray Characterization of Two Novel Ionic Disulfides Obtained from Its Chemical Oxidation by I ₂ . <i>Journal of the American Chemical Society</i> , 2002, 124, 4538-4539.	6.6	96
9	Chiral atropisomeric five-membered biheteroaromatic diphosphines: New ligands of the bibenzimidazole and biindole series. <i>Journal of Organometallic Chemistry</i> , 1997, 529, 445-453.	0.8	93
10	Preparation and characterization of palladium(II) and platinum(II) complexes with bis(pyrazolyl)alkanes. crystal and molecular structures of [Pd ₂ (pz) ₂][BF ₄] ₂ and of [PdCl ₂ {(CH ₃) ₂ C(pz) ₂ }] (pzH = pyrazole), a new example of a Pd~H~C agostic interaction. <i>Journal of Organometallic Chemistry</i> , 1986, 315, 387-399.	0.8	85
11	New [M(R,R~timdt) ₂] Metal-Dithiolenes and Related Compounds (M = Ni, Pd, Pt; R,R~timdt = Monoanion) Tj ETQq1 1 0.784314 rgB of the American Chemical Society, 1999, 121, 7098-7107.	6.6	85
12	Mechanistic Study of the Carbonylation of Nitrobenzene Catalyzed by the [Rh(CO) ₄]/Nitrogen Base System. X-ray Structure of [cyclic] [PPN][Rh(CO) ₂ ON(C ₆ H ₃ Cl ₂)C(O)O]. <i>Organometallics</i> , 1994, 13, 1178-1189.	1.1	81
13	X-ray Diffraction and Theoretical Studies for the Quantitative Assessment of Intermolecular Arene~Perfluoroarene Stacking Interactions. <i>Chemistry - A European Journal</i> , 2006, 12, 3538-3546.	1.7	77
14	1,1'-Bis(diphenylphosphino)ferrocene complexes of platinum(II) and platinum(I). Crystal and molecular structure of [(L-L)Pt(.mu.-H)(.mu.-CO)Pt(L-L)][BF ₄].0.5H ₂ O, where L-L = Fe(.eta.-5-C ₅ H ₄ PPH ₂) ₂ . <i>Inorganic Chemistry</i> , 1989, 28, 404-410.	1.9	73
15	Charge-Transfer Complexes of N-Methylthiazolidine-2(3H)-selone (1) and N-Methylbenzothiazole-2(3H)-selone (2) with I ₂ and IBr: Crystal Structures of 1.cntdot.I ₂ , 1.cntdot.I.1.25Br.0.75, 2.cntdot.2I ₂ and 2.cntdot.2IBr. <i>Inorganic Chemistry</i> , 1994, 33, 6315-6324.	1.9	73
16	Synthesis, Characterization, and Crystal Structures of New Dications Bearing the ~Se~Se~ Bridge. <i>Inorganic Chemistry</i> , 1996, 35, 3194-3201.	1.9	72
17	From red to near infra-red OLEDs: the remarkable effect of changing from X = ~Cl to ~NCS in a cyclometallated [Pt(N~SC~N)X] complex {N~SC~N = 5-mesityl-1,3-di-(2-pyridyl)benzene}. <i>Chemical Communications</i> , 2012, 48, 3182.	2.2	72
18	Mechanistic Aspects of the Reaction between Br ₂ and Chalcogenone Donors (LE; E=S, Se): Competitive Formation of 10-E-3, T-Shaped 1:1 Molecular Adducts, Charge-Transfer Adducts, and [(LE) ₂] ²⁺ Dications. <i>Chemistry - A European Journal</i> , 2001, 7, 3122-3133.	1.7	68

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19	Structures of two isomers of hexairidium hexadecacarbonyl. <i>Journal of the American Chemical Society</i> , 1984, 106, 6664-6667.	6.6	67
20	Synthesis and x-ray structure of the [Hf ₁₈ (CO) ₄₂ C ₆] ⁵⁻ cluster: an extended fragment of the Cr ₂₃ C ₆ lattice stabilized in a molecular carbonyl nickel cluster. <i>Journal of the American Chemical Society</i> , 1986, 108, 8091-8092.	6.6	60
21	Palladium(II) and platinum(II) derivatives with chiral 2,2'-bipyridines. X-ray structure of C ₁₈ H ₁₅ ClN ₂ Pd; C- and N-intramolecular coordination in a six-membered metallacycle. <i>Journal of Organometallic Chemistry</i> , 1986, 307, 107-114.	0.8	59
22	Redox chemosensors: coordination chemistry towards Cu(I), Zn(II), Cd(II), Hg(II), and Pb(II) of 1-aza-4,10-dithia-7-oxacyclododecane ([12]aneNS ₂ O) and its N-ferrocenylmethyl derivative. Electronic supplementary information (ESI) available: synthetic details including analytical and spectroscopic data for the isolated complexes. Ortep views of the coordination sphere around the metal centres in 1, 2 and 5. See http://www.rsc.org/suppdata/dt/b2/b210806m/ . <i>Dalton Transactions</i> , 2003, , 901-909.	1.6	55
23	Synthesis and X-ray characterization of an iodine-bridged tetranuclear gold cluster, di-μ-iodo-tetrakis(triphenylphosphine)-tetrahydro-tetragold. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 222-223.	2.0	54
24	Synthesis and X-ray structure of [CuPPh ₃ Ci-¼CPh] ₄ , an electron deficient molecule with ¼-bridging phenylacetylide ligands. <i>Journal of Organometallic Chemistry</i> , 1985, 279, c42-c44.	0.8	53
25	Efficient Copper Mediators Based on Bulky Asymmetric Phenanthrolines for DSSCs. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13945-13955.	4.0	53
26	The role of fluoride complexes in REE geochemistry and the importance of 4f electrons: some examples in minerals. <i>European Journal of Mineralogy</i> , 1999, 11, 983-992.	0.4	53
27	The importance of accurate crystal structure determination of uranium minerals. I. Phosphuranylite KCa(H ₃ O) ₃ (UO ₂) ₇ (PO ₄) ₄ O ₄ ·8H ₂ O. <i>Acta Crystallographica Section B: Structural Science</i> , 1991, 47, 439-446.	1.8	52
28	The importance of accurate crystal structure determination of uranium minerals. II. Soddyite (UO ₂) ₂ (SiO ₄) ₂ ·2H ₂ O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1992, 48, 1-4.	0.4	52
29	Novel Er ³⁺ Perfluorinated Complexes for Broadband Sensitized Near Infrared Emission. <i>Chemistry of Materials</i> , 2009, 21, 128-135.	3.2	52
30	Cyclometallation of indole derivatives: cyclopalladation of gramine and 1-methyl gramine and CO insertion. <i>Journal of Organometallic Chemistry</i> , 1997, 527, 93-102.	0.8	47
31	Investigation of the reactivity of palladium(0) complexes with nitroso compounds: relevance to the palladium-phenanthroline-catalysed carbonylation reactions of nitroarenes. <i>Journal of Organometallic Chemistry</i> , 1999, 586, 190-195.	0.8	46
32	Ring-Opening of Lawesson's Reagent: New Syntheses of Phosphono- and Amidophosphono-Dithioato Complexes and Structural and CP-MAS ³¹ P-NMR Characterization of [p-CH ₃ OPh(X)PS ₂] ₂ M (X = MeO, iPrNH); Tj ETQ 10 0 0 rg 016/Overlock	1.0	46
33	Reactivity of phosphonodithioato Ni(II) complexes: solution equilibria, solid state studies and theoretical calculations on the adduct formation with some pyridine derivatives. <i>Dalton Transactions RSC</i> , 2001, , 2671-2677.	2.3	46
34	Further investigations of the reactivity of 1-2-bonded nitroso complexes of platinum. The crystal structure of Pt(PPh ₃) ₂ (PhNO). <i>Journal of Organometallic Chemistry</i> , 1987, 330, 265-278.	0.8	45
35	Nickel carbonyl clusters containing interstitial carbon-congener atoms: synthesis and structural characterisation of the [Ni ₁₂ (μ ₁₂ -E)(CO) ₂₂] ²⁻ (E = Ge, Sn) and [Ni ₁₀ (μ ₁₀ -Ge)(CO) ₂₀] ²⁻ dianions. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 786-787.	2.0	45
36	Redox behavior of the black roussinate heptanitrosyltrisulfotetraferate(1-) monoanion. Synthesis and spectroscopic characterization of the [Fe ₄ S ₃ (NO) ₇] ⁿ⁻ (n = 2, 3) anions and crystal structures of the mono- and dianions in their [NEt ₄] ⁺ salts. <i>Inorganic Chemistry</i> , 1993, 32, 1153-1160.	1.9	45

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37	Coordination chemistry of N-aminopropyl pendant arm derivatives of mixed N/S-, and N/S/O-donor macrocycles, and construction of selective fluorimetric chemosensors for heavy metal ions. Dalton Transactions, 2005, , 2994.	1.6	44
38	Interaction of Methimazole with I ₂ : X-ray Crystal Structure of the Charge Transfer Complex Methimazole-I ₂ . Implications for the Mechanism of Action of Methimazole-Based Antithyroid Drugs. Journal of Medicinal Chemistry, 2008, 51, 4050-4053.	2.9	43
39	Charge transfer complexes of benzoxazole-2(3H)-thione and benzoxazole-2(3H)-selone with diiodine: X-ray crystal structure of benzoxazole-2(3H)-thione bis(diiodine). Polyhedron, 1995, 14, 2937-2943.	1.0	41
40	The role of 5-R-1,10-phenanthroline (R=CH ₃ , NO ₂) on the emission properties and second-order NLO response of cationic Ir(III) organometallic chromophores. Inorganica Chimica Acta, 2008, 361, 4070-4076.	1.2	41
41	Mixed-1,10-phenanthroline-Cu(II) complexes: Synthesis, cytotoxic activity versus hematological and solid tumor cells and complex formation equilibria with glutathione. Journal of Inorganic Biochemistry, 2012, 114, 28-37.	1.5	41
42	Synthesis and structural characterization of the [H ₆ -nNi ₃₄ (CO) ₃₈ C ₄] _n - (n = 6,5) and [Ni ₃₅ (CO) ₃₉ C ₄] ₆ - clusters: molecular models for carbidized metal crystallites. Journal of the American Chemical Society, 1986, 108, 5370-5371.	6.6	40
43	Novel ruthenium(II) complexes with substituted 1,10-phenanthroline or 4,5-diazafluorene linked to a fullerene as highly active second order NLO chromophores. Dalton Transactions, 2010, 39, 10314.	1.6	40
44	Synthesis of carbazole by Ru ₃ (CO) ₁₂ -catalyzed reductive carbonylation of 2-nitrobiphenyl: the crystal and molecular structure of Ru ₃ (¹⁴³ NC ₆ H ₄ -o-C ₆ H ₅) ₂ (CO) ₉ . Journal of Molecular Catalysis, 1991, 70, 175-187.	1.2	38
45	An X-ray, spectroscopic and semiempirical quantum-mechanical study on complexes of thiones and selones with molecular diiodine. Journal of the Chemical Society Dalton Transactions, 1992, , 3553.	1.1	36
46	Complexes with platinum-hydrogen-silver bonds. Journal of the American Chemical Society, 1993, 115, 169-175.	6.6	36
47	Interaction of Mixed-Donor Macrocycles Containing the 1,10-Phenanthroline Subunit with Selected Transition and Post-Transition Metal Ions: Metal Ion Recognition in Competitive Liquid-Liquid Solvent Extraction of CuII, ZnII, PbII, CdII, AgI, and HgII. Inorganic Chemistry, 2008, 47, 8391-8404.	1.9	36
48	Structure of the new mineral sarrabusite, Pb ₅ CuCl ₄ (SeO ₃) ₄ , solved by manual electron-diffraction tomography. Acta Crystallographica Section B: Structural Science, 2012, 68, 15-23.	1.8	36
49	An unprecedented example of a cis-phosphonodithioato nickel(II) complex built by an extensive hydrogen bonding supramolecular network. Chemical Communications, 2002, , 1170-1171.	2.2	35
50	Fast-dissolving mucoadhesive microparticulate delivery system containing piroxicam. European Journal of Pharmaceutical Sciences, 2005, 24, 355-361.	1.9	35
51	DFT calculations, structural and spectroscopic studies on the products formed between IBr and N,N-dimethylbenzimidazole-2(3H)-thione and -2(3H)-selone. Dalton Transactions, 2005, , 2252.	1.6	35
52	Coordination of Dimethyl(aminomethyl)phosphine Oxide with Zinc(II), Nickel(II), and Palladium(II). Inorganic Chemistry, 1994, 33, 5430-5437.	1.9	34
53	Gold-rhodium and gold-iridium hydride clusters. Journal of the American Chemical Society, 1989, 111, 2115-2125.	6.6	33
54	Binuclear Co(II)Co(II), Co(II)Co(III) and Co(III)Co(III) complexes of α -salen homologues derived from the condensation of salicylaldehyde and methanediamine or phenylmethanediamines. Synthesis, structures and magnetism Electronic supplementary information (ESI) available: Appendix, derivation of the expression for the average magnetic susceptibility of a Co(II)Co(II) dimer. See http://www.rsc.org/suppdata/dt/b1/b105594c/ . Dalton Transactions RSC, 2001, , 3611-3616.	2.3	33

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55	PYRACMONITE, (NH ₄) ₃ Fe(SO ₄) ₃ , A NEW AMMONIUM IRON SULFATE FROM LA FOSSA CRATER, VULCANO, AEOLIAN ISLANDS, ITALY. <i>Canadian Mineralogist</i> , 2010, 48, 307-313.	0.3	33
56	³¹ P-CP-MAS-NMR, Vibrational, and X-Ray Characterization of the Adducts of Triphenylphosphine Sulfide with ICl and IBr. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1998, 624, 745-749.	0.6	32
57	Synthesis, X-ray crystal structure and spectroscopic characterization of the new dithiolene [Pd(Et ₂ timdt) ₂] and of its adduct with molecular diiodine [Pd(Et ₂ timdt) ₂] ₂ ·I ₂ ·CHCl ₃ (Et ₂ timdt = monoanion of 1,3-diethylimidazolidine-2,4,5-trithione). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3731-3736.	1.1	32
58	Electron-Sink Behaviour of the Carbonylnickel Clusters [Ni ₃ 2C ₆ (CO) ₃₆] ⁶⁻ and [Ni ₃ 8C ₆ (CO) ₄₂] ⁶⁻ : Synthesis and Characterization of the Anions [Ni ₃ 2C ₆ (CO) ₃₆] ⁿ⁻ (n = 5-10) and [Ni ₃ 8C ₆ (CO) ₄₂] ⁿ⁻ (n = 1-10). <i>Journal of Inorganic Chemistry</i> , 1999, 1999, 663-671.	1.0	32
59	Nitrile functionalised pendant-arm derivatives of aza- and mixed donor macrocyclic ligands as new building blocks for inorganic crystal engineering. <i>Dalton Transactions RSC</i> , 2002, , 1662-1670.	2.3	32
60	Demicheleite-(I), BiSi, a new mineral from La Fossa Crater, Vulcano, Aeolian Islands, Italy. <i>Mineralogical Magazine</i> , 2010, 74, 141-145.	0.6	32
61	Novel copper(II) complexes as new promising antitumour agents. A crystal structure of [Cu(1,10-phenanthroline-5,6-dione) ₂ (OH ₂) ₂](ClO ₄) ₂ . <i>Journal of Inorganic Biochemistry</i> , 2014, 141, 103-113.	1.5	32
62	Synthesis, NMR, and structural characterization of the [Ni ₉ Pt ₃ (CO) ₂₁ H ₄] ⁿ⁻ (n = 4, 3, 2) anionic clusters. <i>Journal of Organometallic Chemistry</i> , 1986, 301, C5-C8.	0.8	31
63	Icosahedral carbonyl clusters [Ni ₁₀ Sb ₂ (μ ₂ -Ni) ₂ {Ni(CO) ₃ } ₂ (CO) ₁₈] ⁿ⁻ (n = 2, 3 or 4); synthesis, spectroscopic, electrochemical and bonding analysis. Crystal structures of [Ni ₁₀ Sb ₂ (μ ₂ -Ni) ₂ {Ni(CO) ₃ } ₂ (CO) ₁₈] ⁿ⁻ (n = 2 or 3). <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 739-748.	1.1	31
64	Synthesis and Chemical and Electrochemical Characterization of Fe ²⁺ S Carbonyl Clusters. X-ray Crystal Structures of [N(PPh ₃) ₂] ₂ [Fe ₅ S ₂ (CO) ₁₄] and [N(PPh ₃) ₂] ₂ [Fe ₆ S ₆ (CO) ₁₂]. <i>Inorganic Chemistry</i> , 1996, 35, 898-905.	1.9	31
65	A new class of mixed aza-thioether crown containing a 1,10-phenanthroline sub-unit. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 3705-3712.	1.1	31
66	Conformationally locked mixed aza-thioether macrocycles: synthesis and structures of complexes of PdII, PtII and RhIII of 2,5,8-trithia[9](2,9)-1,10-phenanthrolinephane. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 4401-4406.	1.1	31
67	Conformationally locked pentadentate macrocycles containing the 1,10-phenanthroline unit. Synthesis and crystal structure of 5-oxa-2,8-dithia[9](2,9)-1,10-phenanthrolinephane (L) and its coordination properties to NiII, PdII, PtII, RhIII and RuII. <i>Dalton Transactions RSC</i> , 2001, , 1180-1188.	2.3	31
68	Reaction of N,N'-dimethylimidazolidine-2-selone (L) with I ₂ . Crystal structure of the mixed-valence (L·I ₂)(L ₂) ₂ ·2I ₃ compound. <i>Inorganica Chimica Acta</i> , 1997, 255, 203-205.	1.2	30
69	Oxidative properties of iodine-adducts of propylthiouracil and methimazole: Direct synthesis of mercury(II) complexes from the reaction with liquid mercury. <i>Dalton Transactions</i> , 2011, 40, 4505.	1.6	30
70	Synthesis and characterization of gold(III) complexes of 1,4-benzodiazepin-2-ones. Crystal structure of trichloro-[7-chloro-1-(cyclopropylmethyl)-1,3-dihydro-5-phenyl-2H-1,4-benzodiazepin-2-one]gold(III). <i>Inorganica Chimica Acta</i> , 1984, 86, 93-100.	1.2	29
71	Dynamic behaviour and X-ray analysis of chiral 1,3-allylpalladium complexes. II. <i>Journal of Organometallic Chemistry</i> , 1989, 370, 407-419.	0.8	29
72	Mechanistic studies of the carbonylation of nitrobenzene catalysed by the [Rh(CO) ₄]/bipy system. <i>the Chemical Society Chemical Communications</i> , 1992, .	2.0	29

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73	New Ni-Pt Carbonyl Clusters with a Tetrahedron of Platinum Atoms Encapsulated in an Incomplete Tetrahedron of Nickel Atoms: $[\text{Ni}_{36}\text{Pt}_4(\text{CO})_{45}]^{6+}$ and $[\text{Ni}_{37}\text{Pt}_4(\text{CO})_{46}]^{6+}$. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 531-533.	7.2	29
74	Chemistry of iridium carbonyl cluster complexes. Synthesis and x-ray crystal structure of bis(tetraphenylphosphonium) octa- μ -carbonyloctadecacarbonyldodecairidate(2-), the first example of a medium-size iridium carbonyl cluster complex. <i>Inorganic Chemistry</i> , 1987, 26, 3487-3491.	1.9	28
75	Reactions of N-methylbenzothiazole-2(3H)-thione (1) and -selone (2) with ICl. <i>Polyhedron</i> , 1999, 18, 3107-3113.	1.0	28
76	A new assembly of diiodine molecules at the triphenylphosphine sulfide template. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3069-3073.	1.1	28
77	Molecular structure of a mono-peroxo vanadium(V) complex formed by d,l-lactic acid. <i>Inorganica Chimica Acta</i> , 2000, 299, 123-127.	1.2	28
78	Novel copper(II) complexes of short-salen homologues. Structure and magnetic properties of the tetranuclear complex $[\text{Cu}_2(\text{L}_2)_2][\text{H}_2\text{L}_2\text{phenyl-N,N-bis(salicylidene)ethanediamine}]$. <i>Dalton Transactions RSC</i> , 2000, , 3467-3472.	1.0	28
79	A new class of planar (platinum-mercury) mixed metal clusters containing a $[\text{Pt}_3(\text{CO})_3(\text{PR}_3)_3]$ moiety capped by two HgX units. <i>Inorganic Chemistry</i> , 1992, 31, 2223-2229.	1.9	27
80	The redox behaviour of the cluster anion $[\text{Fe}_4\text{N}(\text{CO})_{12}]^{4-}$. <i>Electron transfer chain catalytic</i> 1-8.	1.2	27
81	Novel cyclometallated Pd(II) and Pt(II) complexes with indole derivatives and their use as catalysts in Heck reaction. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2017-2026.	0.8	27
82	Ion pairing, H-bonding, and π - π interactions in copper(II) complex-organo-networks derived from a proton-transfer compound of the 1,10-phenanthroline-2,9-dicarboxylic acid. <i>Journal of Molecular Structure</i> , 2005, 750, 166-173.	1.8	27
83	A Series of monohapto pyrazolates of iridium(I) and iridium(III). <i>Journal of Organometallic Chemistry</i> , 1984, 269, 91-105.	0.8	26
84	Synthesis and X-ray structure of the $[\text{Ni}_{13}\text{Sb}_2(\text{CO})_{24}]^{n-}$ ($n = 2, 3, 4$) cluster anions containing an icosahedral $[\text{Ni}_{11}\text{Sb}_2(\text{CO})_{18}]^{n-}$ moiety behaving as a distibine ligand and displaying an unexpected electron count. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 547-548.	2.0	26
85	Nuclear magnetic resonance and crystallographic studies of chiral η^3 -allyl palladium(II) complexes and asymmetric allylic alkylation of propen-2-yl acetates. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 2073-2082.	1.1	26
86	Synthesis, X-ray structure and reactivity of cyclopalladated complexes of hydrazones of 1H-indole-3-carboxaldehyde. <i>Journal of Organometallic Chemistry</i> , 1995, 488, 79-83.	0.8	26
87	Crystal structure and vibrational characterization of the reaction products of N-methylthiazolidine-2(3H)-selone (1) and N-methylbenzothiazole-2(3H)-selone (2) with Br ₂ . <i>Polyhedron</i> , 1998, 17, 305-312.	1.0	26
88	Unexpected Formation of a Weak Metal-Metal Bond: Synthesis, Electronic Properties, and Second-Order NLO Responses of Push-Pull Late-Early Heteronuclear Bimetallic Complexes with $\text{W}(\text{CO})_3(1,10\text{-phenanthroline})$ Acting as a Donor Ligand. <i>Organometallics</i> , 2003, 22, 4001-4011.	1.1	26
89	X-ray diffraction and packing analysis on vintage crystals: Wilhelm Koerner's nitrobenzene derivatives from the School of Agricultural Sciences in Milano. <i>Acta Crystallographica Section B: Structural Science</i> , 2004, 60, 609-620.	1.8	26
90	Aspirin and paracetamol removal using a commercial micro-sized TiO ₂ catalyst in deionized and tap water. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12646-12654.	2.7	26

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91	A new synthesis and the X-ray crystal structure of bis(trimethylbenzylammonium) tri- μ -carbonyl-dodecacarbonyl-octahydro-hexairidate($2\mu^2$). <i>Journal of the Chemical Society Chemical Communications</i> , 1980, .	2.0	25
92	Chemistry of iridium carbonyl cluster complexes. Synthesis and characterization of mixed-metal carbonyl clusters via capping reactions with HgCl_2 and $\text{Au}(\text{PPh}_3)\text{Cl}$. Crystal structures of $[\text{N}(\text{PPh}_3)_2][\text{Ir}_6(\mu_3\text{-CO})_3(\text{CO})_{12}(\mu_3\text{-HgCl})]$ and $[\text{NMe}_3(\text{CH}_2\text{Ph})][\text{Ir}_6(\mu_3\text{-CO})_3(\text{CO})_{12}(\mu_3\text{-Au}(\text{PPh}_3))]$. <i>Organometallics</i> , 1991, 10, 2239-2247.	1.1	25
93	New icosahedral heterometallic nickel carbonyl clusters containing bismuth. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 497.	1.1	25
94	Cyclometallated derivatives of platinum(II) derived from 1,4-benzodiazepin-2-ones. Crystal and molecular structure of $\text{Pt}(\text{L})(\text{HL})\text{Cl}(\text{HL})$ (7-chloro-1,3-dihydro-1-methyl-5-phenyl-2H-1,4-benzodiazepin-2-one). <i>Chimica Acta</i> , 1994, 215, 17-26.	1.2	25
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