

Donald Darensbourg

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2052882/donald-darensbourg-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

424
papers

20,323
citations

70
h-index

124
g-index

557
ext. papers

21,820
ext. citations

7
avg, IF

7.35
L-index

#	Paper	IF	Citations
4 ²⁴	Making plastics from carbon dioxide: salen metal complexes as catalysts for the production of polycarbonates from epoxides and CO ₂ . <i>Chemical Reviews</i> , 2007 , 107, 2388-410	68.1	1326
4 ²³	Cobalt catalysts for the coupling of CO ₂ and epoxides to provide polycarbonates and cyclic carbonates. <i>Chemical Society Reviews</i> , 2012 , 41, 1462-84	58.5	901
4 ²²	Catalysts for the reactions of epoxides and carbon dioxide. <i>Coordination Chemistry Reviews</i> , 1996 , 153, 155-174	23.2	705
4 ²¹	Construction of ultrastable porphyrin Zr metal-organic frameworks through linker elimination. <i>Journal of the American Chemical Society</i> , 2013 , 135, 17105-10	16.4	700
4 ²⁰	Copolymerization of CO ₂ and epoxides catalyzed by metal salen complexes. <i>Accounts of Chemical Research</i> , 2004 , 37, 836-44	24.3	418
4 ¹⁹	Mechanistic aspects of the copolymerization reaction of carbon dioxide and epoxides, using a chiral salen chromium chloride catalyst. <i>Journal of the American Chemical Society</i> , 2002 , 124, 6335-42	16.4	320
4 ¹⁸	Chemistry of carbon dioxide relevant to its utilization: a personal perspective. <i>Inorganic Chemistry</i> , 2010 , 49, 10765-80	5.1	299
4 ¹⁷	Comparative kinetic studies of the copolymerization of cyclohexene oxide and propylene oxide with carbon dioxide in the presence of chromium salen derivatives. In situ FTIR measurements of copolymer vs cyclic carbonate production. <i>Journal of the American Chemical Society</i> , 2003 , 125, 7586-91	16.4	282
4 ¹⁶	What's new with CO ₂ ? Recent advances in its copolymerization with oxiranes. <i>Green Chemistry</i> , 2012 , 14, 2665	10	280
4 ¹⁵	Catalytic Activity of Zinc(II) Phenoxides Which Possess Readily Accessible Coordination Sites. Copolymerization and Terpolymerization of Epoxides and Carbon Dioxide. <i>Macromolecules</i> , 1995 , 28, 7577-7579	5.5	271
4 ¹⁴	Catalytic Activity of a Series of Zn(II) Phenoxides for the Copolymerization of Epoxides and Carbon Dioxide. <i>Journal of the American Chemical Society</i> , 1999 , 121, 107-116	16.4	270
4 ¹³	Role of the cocatalyst in the copolymerization of CO ₂ and cyclohexene oxide utilizing chromium salen complexes. <i>Journal of the American Chemical Society</i> , 2005 , 127, 14026-38	16.4	232
4 ¹²	A convenient synthesis of cis-Mo(CO) ₄ L ₂ derivatives (L = Group 5a ligand) and a qualitative study of their thermal reactivity toward ligand dissociation. <i>Inorganic Chemistry</i> , 1978 , 17, 2680-2682	5.1	230
4 ¹¹	Bis(2,6-difluorophenoxide) Dimeric Complexes of Zinc and Cadmium and Their Phosphine Adducts: Lessons Learned Relative to Carbon Dioxide/Cyclohexene Oxide Alternating Copolymerization Processes Catalyzed by Zinc Phenoxides. <i>Journal of the American Chemical Society</i> , 2000 , 122, 12487-12496	16.4	225
4 ¹⁰	Ring-Opening Polymerization of Cyclic Monomers by Complexes Derived from Biocompatible Metals. Production of Poly(lactide), Poly(trimethylene carbonate), and Their Copolymers. <i>Macromolecules</i> , 2008 , 41, 3493-3502	5.5	222
4 ⁰⁹	Perfectly alternating copolymerization of CO ₂ and epichlorohydrin using cobalt(III)-based catalyst systems. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15191-9	16.4	173
4 ⁰⁸	Ring-opening polymerization of lactides catalyzed by natural amino-acid based zinc catalysts. <i>Inorganic Chemistry</i> , 2010 , 49, 2360-71	5.1	169

407	Kinetic Studies of the Alternating Copolymerization of Cyclic Acid Anhydrides and Epoxides, and the Terpolymerization of Cyclic Acid Anhydrides, Epoxides, and CO ₂ Catalyzed by (salen)Cr(III)Cl. <i>Macromolecules</i> , 2012 , 45, 2242-2248	5.5	167
406	The Activation of Carbon Dioxide by Metal Complexes. <i>Advances in Organometallic Chemistry</i> , 1983 , 22, 129-168	3.8	167
405	Formation of Cyclic Carbonates from Carbon Dioxide and Epoxides Coupling Reactions Efficiently Catalyzed by Robust, Recyclable One-Component Aluminum-Salen Complexes. <i>ACS Catalysis</i> , 2012 , 2, 2029-2035	13.1	163
404	A quest for polycarbonates provided via sustainable epoxide/CO ₂ copolymerization processes. <i>Green Chemistry</i> , 2017 , 19, 4990-5011	10	160
403	Cyclohexene oxide/CO ₂ copolymerization catalyzed by chromium(III) salen complexes and N-methylimidazole: effects of varying salen ligand substituents and relative cocatalyst loading. <i>Inorganic Chemistry</i> , 2004 , 43, 6024-34	5.1	157
402	Switchable-polarity solvents prepared with a single liquid component. <i>Journal of Organic Chemistry</i> , 2008 , 73, 127-32	4.2	149
401	Aluminum salen complexes and tetrabutylammonium salts: a binary catalytic system for production of polycarbonates from CO ₂ and cyclohexene oxide. <i>Inorganic Chemistry</i> , 2005 , 44, 1433-42	5.1	145
400	Ring-Opening Polymerization of L-Lactide and ε-Caprolactone Utilizing Biocompatible Zinc Catalysts. Random Copolymerization of L-Lactide and ε-Caprolactone. <i>Macromolecules</i> , 2010 , 43, 8880-8886	5.5	138
399	Ring-Opening Polymerization of Cyclic Monomers by Biocompatible Metal Complexes. Production of Poly(lactide), Polycarbonates, and Their Copolymers. <i>Macromolecules</i> , 2007 , 40, 3521-3523	5.5	136
398	Synthesis and physical characterization of poly(cyclohexane carbonate), synthesized from CO ₂ and cyclohexene oxide. <i>Polymer</i> , 2001 , 42, 3995-4004	3.9	134
397	Water-soluble organometallic compounds. 4. Catalytic hydrogenation of aldehydes in an aqueous two-phase solvent system using a 1,3,5-triaza-7-phosphadamantane complex of ruthenium. <i>Inorganic Chemistry</i> , 1994 , 33, 200-208	5.1	131
396	Highly Selective Synthesis of CO ₂ Copolymer from Styrene Oxide. <i>Macromolecules</i> , 2010 , 43, 9202-9204	5.5	127
395	Stereoselective Ring-Opening Polymerization of rac-Lactides Catalyzed by Chiral and Achiral Aluminum Half-Salen Complexes. <i>Organometallics</i> , 2010 , 29, 5627-5634	3.8	126
394	Highly Selective and Reactive (salen)CrCl Catalyst for the Copolymerization and Block Copolymerization of Epoxides with Carbon Dioxide. <i>Macromolecules</i> , 2009 , 42, 6992-6998	5.5	126
393	Carbon dioxide-based functional polycarbonates: Metal catalyzed copolymerization of CO ₂ and epoxides. <i>Coordination Chemistry Reviews</i> , 2018 , 372, 85-100	23.2	122
392	Tandem metal-coordination copolymerization and organocatalytic ring-opening polymerization via water to synthesize diblock copolymers of styrene oxide/CO ₂ and lactide. <i>Journal of the American Chemical Society</i> , 2012 , 134, 17739-45	16.4	118
391	Pressure Dependence of the Carbon Dioxide/Cyclohexene Oxide Coupling Reaction Catalyzed by Chromium Salen Complexes. Optimization of the Comonomer-Alternating Enchainment Pathway. <i>Organometallics</i> , 2005 , 24, 144-148	3.8	116
390	Perfectly Alternating and Regioselective Copolymerization of Carbonyl Sulfide and Epoxides by Metal-Free Lewis Pairs. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5774-5779	16.4	115

- 389 Mechanistic studies of the copolymerization reaction of oxetane and carbon dioxide to provide aliphatic polycarbonates catalyzed by (Salen)CrX complexes. *Journal of the American Chemical Society*, **2008**, 130, 6523-33 16.4 113
- 388 1,3,5-Triaza-7-Phosphatricyclo[3.3.1.1^{3,7}]Decane and Derivatives. *Inorganic Syntheses*, **2007**, 40-45 112
- 387 Water-soluble organometallic compounds. 2. Catalytic hydrogenation of aldehydes and olefins by new water-soluble 1,3,5-triaza-7-phosphaadamantane complexes of ruthenium and rhodium. *Organometallics*, **1992**, 11, 1990-1993 3.8 110
- 386 Reactions of transition metal carbonyls with organolithium compounds. II. Prediction of nucleophilic attack at carbon and resultant stereochemistry. *Inorganic Chemistry*, **1970**, 9, 1691-1694 5.1 109
- 385 Ring-opening polymerization of cyclic esters and trimethylene carbonate catalyzed by aluminum half-salen complexes. *Inorganic Chemistry*, **2011**, 50, 6775-87 5.1 107
- 384 A one-pot synthesis of a triblock copolymer from propylene oxide/carbon dioxide and lactide: intermediacy of polyol initiators. *Angewandte Chemie - International Edition*, **2013**, 52, 10602-6 16.4 105
- 383 (Salen)Cr(III) catalysts for the copolymerization of carbon dioxide and epoxides: role of the initiator and cocatalyst. *Inorganic Chemistry*, **2004**, 43, 1831-3 5.1 105
- 382 Intensities of CO stretching modes in the infrared spectra of adsorbed CO and metal carbonyls. *Inorganic Chemistry*, **1967**, 6, 971-977 5.1 105
- 381 Ring-Opening Polymerization of Trimethylene Carbonate Using Aluminum(III) and Tin(IV) Salen Chloride Catalysts. *Macromolecules*, **2005**, 38, 5406-5410 5.5 103
- 380 Poly(monothiocarbonate)s from the Alternating and Regioselective Copolymerization of Carbonyl Sulfide with Epoxides. *Accounts of Chemical Research*, **2016**, 49, 2209-2219 24.3 100
- 379 Carbon dioxide/epoxide coupling reactions utilizing Lewis base adducts of zinc halides as catalysts. Cyclic carbonate versus polycarbonate production. *Inorganic Chemistry*, **2003**, 42, 581-9 5.1 94
- 378 Bis-Salicylaldiminato Complexes of Zinc. Examination of the Catalyzed Epoxide/CO₂ Copolymerization. *Inorganic Chemistry*, **2001**, 40, 986-993 5.1 94
- 377 Solid-state structures of zinc(II) benzoate complexes. Catalyst precursors for the coupling of carbon dioxide and epoxides. *Inorganic Chemistry*, **2002**, 41, 973-80 5.1 91
- 376 A concise review of computational studies of the carbon dioxide-epoxide copolymerization reactions. *Polymer Chemistry*, **2014**, 5, 3949-3962 4.9 89
- 375 Alternating copolymerization of CO₂ and styrene oxide with Co(III)-based catalyst systems: differences between styrene oxide and propylene oxide. *Energy and Environmental Science*, **2011**, 4, 5084 25.4 88
- 374 Water-soluble organometallic compounds. 5. The regio-selective catalytic hydrogenation of unsaturated aldehydes to saturated aldehydes in an aqueous two-phase solvent system using 1,3,5-triaza-7-phosphaadamantane complexes of rhodium. *Journal of Organometallic Chemistry*, **2007**, 688, 100-106 2.3 87
- 373 Mechanistic Insights into Water-Mediated Tandem Catalysis of Metal-Coordination CO₂/Epoxide Copolymerization and Organocatalytic Ring-Opening Polymerization: One-Pot, Two Steps, and Three Catalysis Cycles for Triblock Copolymers Synthesis. *Macromolecules*, **2016**, 49, 807-814 5.5 86
- 372 Facile reduction of carbon dioxide by anionic Group 6b metal hydrides. Chemistry relevant to catalysis of the water-gas shift reaction. *Journal of the American Chemical Society*, **1981**, 103, 3223-3224 16.4 85

371	Mechanistic Pathways for Ligand Substitution Processes in Metal Carbonyls. <i>Advances in Organometallic Chemistry</i> , 1982 , 21, 113-150	3.8	84
370	Inquiry into the Formation of Cyclic Carbonates during the (Salen)CrX Catalyzed CO ₂ /Cyclohexene Oxide Copolymerization Process in the Presence of Ionic Initiators. <i>Macromolecules</i> , 2007 , 40, 7727-7729 ^{5.5}	5.5	83
369	Water-Soluble Organometallic Compounds. 6.1 Synthesis, Spectral Properties, and Crystal Structures of Complexes of 1,3,5-Triaza-7-phosphaadamantane with Group 10 Metals. <i>Inorganic Chemistry</i> , 1997 , 36, 4218-4226	5.1	82
368	Supercritical carbon dioxide as solvent for the copolymerization of carbon dioxide and propylene oxide using a heterogeneous zinc carboxylate catalyst. <i>Journal of Molecular Catalysis A</i> , 1995 , 104, L1-L4		80
367	Biometal Derivatives as Catalysts for the Ring-Opening Polymerization of Trimethylene Carbonate. Optimization of the Ca(II) Salen Catalyst System. <i>Macromolecules</i> , 2006 , 39, 4374-4379	5.5	79
366	Depolymerization of Polycarbonates Derived from Carbon Dioxide and Epoxides to Provide Cyclic Carbonates. A Kinetic Study. <i>Macromolecules</i> , 2012 , 45, 5916-5922	5.5	78
365	A facile catalytic synthesis of trimethylene carbonate from trimethylene oxide and carbon dioxide. <i>Green Chemistry</i> , 2010 , 12, 1376	10	78
364	Mechanistic Aspects of the Copolymerization of CO ₂ and Epoxides by Soluble Zinc Bis(phenoxide) Catalysts as Revealed by Their Cadmium Analogues. <i>Journal of the American Chemical Society</i> , 1998 , 120, 4690-4698	16.4	77
363	Anionic Group 6B metal carbonyl hydrides and formates. Chemistry relevant to catalysis of the water-gas shift reaction by Group 6B metal hexacarbonyls. <i>Organometallics</i> , 1982 , 1, 1685-1693	3.8	76
362	Mechanistic insight into the initiation step of the coupling reaction of oxetane or epoxides and CO ₂ catalyzed by (salen)CrX complexes. <i>Inorganic Chemistry</i> , 2008 , 47, 10000-8	5.1	74
361	Directed Self-Assembly of Polystyrene-b-poly(propylene carbonate) on Chemical Patterns via Thermal Annealing for Next Generation Lithography. <i>Nano Letters</i> , 2017 , 17, 1233-1239	11.5	73
360	Crystalline CO ₂ Copolymer from Epichlorohydrin via Co(III)-Complex-Mediated Stereospecific Polymerization. <i>Macromolecules</i> , 2013 , 46, 2128-2133	5.5	73
359	Synthesis of poly(indene carbonate) from indene oxide and carbon dioxide--a polycarbonate with a rigid backbone. <i>Journal of the American Chemical Society</i> , 2011 , 133, 18610-3	16.4	73
358	Infrared and kinetic studies of Group VI metal pentacarbonyl amine compounds. <i>Inorganic Chemistry</i> , 1972 , 11, 72-77	5.1	73
357	Tuning the Selectivity of the Oxetane and CO ₂ Coupling Process Catalyzed by (Salen)CrCl/n-Bu ₄ NX: Cyclic Carbonate Formation vs Aliphatic Polycarbonate Production. <i>Macromolecules</i> , 2010 , 43, 5996-6003 ^{5.5}	5.5	72
356	Water-Soluble Organometallic Compounds. 7.1 Further Studies of 1,3,5-Triaza-7-Phosphaadamantane Derivatives of Group 10 Metals, Including Metal Carbonyls and Hydrides. <i>Inorganic Chemistry</i> , 1999 , 38, 2473-2481	5.1	72
355	Responses of the Fe(CN) ₂ (CO) Unit to Electronic Changes as Related to Its Role in [NiFe]Hydrogenase. <i>Journal of the American Chemical Society</i> , 1998 , 120, 10103-10114	16.4	70
354	Effective, selective coupling of propylene oxide and carbon dioxide to poly(propylene carbonate) using (salen)CrN ₃ catalysts. <i>Inorganic Chemistry</i> , 2005 , 44, 4622-9	5.1	69

- 353 .pi. Acidity of tris(2-cyanoethyl)phosphine. X-ray structural studies of $M(\text{CO})_5\text{P}(\text{CH}_2\text{CH}_2\text{CN})_3$ ($M =$ chromium, molybdenum) and $\text{Mo}(\text{CO})_5\text{P}(\text{C}_6\text{H}_5)_3$. *Inorganic Chemistry*, **1981**, 20, 578-583 5.1 69
- 352 A New Water-Soluble Phosphine Derived from 1,3,5-Triaza-7-phosphaadamantane (PTA), \square 3,7-Diacetyl-1,3,7-triaza-5-phosphabicyclo[3.3.1]nonane. Structural, Bonding, and Solubility Properties. *Organometallics*, **2004**, 23, 1747-1754 3.8 68
- 351 Toward the design of double metal cyanides for the copolymerization of CO_2 and epoxides. *Inorganic Chemistry*, **2001**, 40, 6543-4 5.1 65
- 350 Synthesis, spectral properties, and reactions of manganese and rhenium pentacarbonyl phosphine and phosphite cation derivatives and related complexes. *Inorganic Chemistry*, **1975**, 14, 1579-1584 5.1 65
- 349 Insertion reactions of carbon dioxide with square-planar rhodium alkyl and aryl complexes. *Inorganic Chemistry*, **1987**, 26, 3827-3830 5.1 63
- 348 Spectroscopic studies of some carbene pentacarbonyl complexes of chromium(0) and tungsten(0). *Inorganic Chemistry*, **1970**, 9, 32-39 5.1 63
- 347 (Salen)Co(II)/n-Bu₄NX Catalysts for the Coupling of CO_2 and Oxetane: Selectivity for Cyclic Carbonate Formation in the Production of Poly-(trimethylene carbonate). *Macromolecules*, **2009**, 42, 4063-4070 5.5 62
- 346 Synthesis, structure, and reactivity of zerovalent group 6 metal pentacarbonyl aryl oxide complexes. Reactions with carbon dioxide. *Journal of the American Chemical Society*, **1989**, 111, 7094-7103 16.4 62
- 345 Anionic Group 6B metal carbonyls as homogeneous catalysts for carbon dioxide/hydrogen activation. The production of alkyl formates. *Journal of the American Chemical Society*, **1984**, 106, 3750-3754 16.4 62
- 344 Construction of Versatile and Functional Nanostructures Derived from CO_2 -based Polycarbonates. *Angewandte Chemie - International Edition*, **2015**, 54, 10206-10 16.4 61
- 343 Infrared intensities of the carbonyl stretching modes and electronic spectra of substituted molybdenum carbonyls. *Inorganic Chemistry*, **1968**, 7, 959-966 5.1 61
- 342 Copolymerization and Cycloaddition Products Derived from Coupling Reactions of 1,2-Epoxy-4-cyclohexene and Carbon Dioxide. Postpolymerization Functionalization via Thiol \square ene Click Reactions. *Macromolecules*, **2014**, 47, 7347-7353 5.5 59
- 341 Catalytic Coupling of Cyclopentene Oxide and CO_2 Utilizing Bifunctional (salen)Co(III) and (salen)Cr(III) Catalysts: Comparative Processes Involving Binary (salen)Cr(III) Analogs. *ACS Catalysis*, **2013**, 3, 3050-3057 13.1 59
- 340 Manganese(III) Schiff base complexes: chemistry relevant to the copolymerization of epoxides and carbon dioxide. *Inorganic Chemistry*, **2007**, 46, 5967-78 5.1 59
- 339 Infrared, conductance, and kinetic evidence for alkali metal ion interactions with derivatives of manganese carbonylates. *Journal of the American Chemical Society*, **1976**, 98, 3127-3136 16.4 58
- 338 Electronic and steric control of reactions of benzylmagnesium chloride with substituted metal carbonyls. *Journal of the American Chemical Society*, **1973**, 95, 5919-5924 16.4 58
- 337 Homogeneous catalysts for carbon dioxide/hydrogen activation. Alkyl formate production using anionic ruthenium carbonyl clusters as catalysts. *Journal of the American Chemical Society*, **1983**, 105, 5937-5939 16.4 57
- 336 Thermodynamics of the Carbon Dioxide \square epoxide Copolymerization and Kinetics of the Metal-Free Degradation: A Computational Study. *Macromolecules*, **2013**, 46, 83-95 5.5 56

335	Analysis of an Organometallic Iron Site Model for the Heterodimetallic Unit of [NiFe]Hydrogenase. <i>Journal of the American Chemical Society</i> , 1997 , 119, 7903-7904	16.4	56
334	Postpolymerization Functionalization of Copolymers Produced from Carbon Dioxide and 2-Vinylloxirane: Amphiphilic/Water-Soluble CO ₂ -Based Polycarbonates. <i>Macromolecules</i> , 2014 , 47, 3806-3813	5.5	55
333	(Salen)CrCl, an effective catalyst for the copolymerization and terpolymerization of epoxides and carbon dioxide. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 127-133	2.5	55
332	(Tetramethyltetraazaannulene)chromium chloride: a highly active catalyst for the alternating copolymerization of epoxides and carbon dioxide. <i>Inorganic Chemistry</i> , 2007 , 46, 5474-6	5.1	55
331	Solution and solid-state structures of phosphine adducts of monomeric zinc bisphenoxide complexes. Importance of these derivatives in CO ₂ /epoxide copolymerization processes. <i>Inorganic Chemistry</i> , 2000 , 39, 1578-85	5.1	55
330	An Efficient Method of Depolymerization of Poly(cyclopentene carbonate) to Its Comonomers: Cyclopentene Oxide and Carbon Dioxide. <i>Macromolecules</i> , 2013 , 46, 5850-5855	5.5	54
329	Aliphatic Polycarbonates Produced from the Coupling of Carbon Dioxide and Oxetanes and Their Depolymerization via Cyclic Carbonate Formation. <i>Macromolecules</i> , 2011 , 44, 2568-2576	5.5	54
328	Detailed analysis of the carbonyl stretching vibrations in axial and equatorial substituted iron carbonyl compounds. Absolute infrared intensities and force constants of the carbonyl ligands. <i>Inorganic Chemistry</i> , 1974 , 13, 2135-2145	5.1	54
327	Solution structure and reactivity of hydridoiron tetracarbonyl anion, [HFe(CO) ₄] ⁻ . <i>Inorganic Chemistry</i> , 1978 , 17, 297-301	5.1	54
326	Synthesis and structural characterization of double metal cyanides of iron and zinc: catalyst precursors for the copolymerization of carbon dioxide and epoxides. <i>Inorganic Chemistry</i> , 2003 , 42, 7809-7818	5.1	52
325	Characterization of steric and electronic properties of NiN ₂ S ₂ complexes as S-donor metallodithiolate ligands. <i>Journal of the American Chemical Society</i> , 2005 , 127, 17323-34	16.4	51
324	Water-Soluble Organometallic Compounds. 9.1 Catalytic Hydrogenation and Selective Isomerization of Olefins by Water-Soluble Analogues of Vaska's Complex. <i>Organometallics</i> , 2000 , 19, 3963-3969	3.8	51
323	Aqueous organometallic chemistry: the mechanism of catalytic hydrogenations with chlorotris(1,3,5-triaza-7-phosphaadamantane) rhodium(I). <i>Journal of Organometallic Chemistry</i> , 1996 , 512, 45-50	2.3	51
322	A kinetic investigation of carbon dioxide insertion processes involving anionic tungsten-alkyl and -aryl derivatives: effects of carbon dioxide pressure, counterions, and ancillary ligands. Comparisons with migratory carbon monoxide insertion processes. <i>Journal of the American Chemical Society</i> , 1995 , 117, 7463-7473	16.4	51
321	Catalytic Coupling of Carbon Dioxide and 2,3-Epoxy-1,2,3,4-tetrahydronaphthalene in the Presence of a (Salen)Cr(III)Cl Derivative. <i>Organometallics</i> , 2004 , 23, 924-927	3.8	50
320	Investigations into the coupling of cyclohexene oxide and carbon disulfide catalyzed by (salen)CrCl. Selectivity for the production of copolymers vs. cyclic thiocarbonates. <i>Dalton Transactions</i> , 2009 , 8891-943	4.3	49
319	Probing the mechanistic aspects of the chromium salen catalyzed carbon dioxide/epoxide copolymerization process using in situ ATR/FTIR. <i>Catalysis Today</i> , 2004 , 98, 485-492	5.3	49
318	Mechanistic studies of the copolymerization reaction of aziridines and carbon monoxide to produce poly-beta-peptoids. <i>Journal of the American Chemical Society</i> , 2004 , 126, 13808-15	16.4	49

317	Chain transfer agents utilized in epoxide and CO ₂ copolymerization processes. <i>Green Chemistry</i> , 2019 , 21, 2214-2223	10	48
316	Water-soluble organometallic compounds. 3. Kinetic investigations of dissociative phosphine substitution processes involving water-soluble Group 6 metal derivatives in miscible aqueous/organic media. <i>Inorganic Chemistry</i> , 1993 , 32, 47-53	5.1	48
315	Sequestering CO ₂ for Short-Term Storage in MOFs: Copolymer Synthesis with Oxiranes. <i>ACS Catalysis</i> , 2014 , 4, 1511-1515	13.1	45
314	Oxygen/Sulfur Scrambling During the Copolymerization of Cyclopentene Oxide and Carbon Disulfide: Selectivity for Copolymer vs Cyclic [Thio]carbonates. <i>Macromolecules</i> , 2013 , 46, 8102-8110	5.5	45
313	Copolymerization of epoxides and carbon dioxide. Evidence supporting the lack of dual catalysis at a single metal site. <i>Inorganic Chemistry</i> , 2009 , 48, 8668-77	5.1	45
312	Metal salen derivatives as catalysts for the alternating copolymerization of oxetanes and carbon dioxide to afford polycarbonates. <i>Inorganic Chemistry</i> , 2006 , 45, 3831-3	5.1	45
311	Intramolecular isomerization of an octahedral complex: bis(tri-n-butylphosphine)molybdenum tetracarbonyl. <i>Inorganic Chemistry</i> , 1979 , 18, 14-17	5.1	45
310	Solution and solid-state structural studies of epoxide adducts of cadmium phenoxides. Chemistry relevant to epoxide activation for ring-opening reactions. <i>Journal of the American Chemical Society</i> , 2002 , 124, 7075-83	16.4	44
309	Syntheses and Structures of Epoxide Adducts of Soluble Cadmium(II) Carboxylates. Models for the Initiation Process in Epoxide/CO ₂ Coupling Reactions. <i>Journal of the American Chemical Society</i> , 1995 , 117, 538-539	16.4	44
308	Reduction of carbon dioxide and carbonyl sulfide by anionic Group VIB metal hydrides and alkyls. Carbon-hydrogen and carbon-carbon bond formation processes and the structure of [PNP][Cr(CO) ₅ SC(O)H]. <i>Journal of the American Chemical Society</i> , 1982 , 104, 349-350	16.4	44
307	Base initiated depolymerization of polycarbonates to epoxide and carbon dioxide co-monomers: a computational study. <i>Green Chemistry</i> , 2013 , 15, 1578	10	43
306	Investigations into the steric influences on the reaction mechanism of carbon dioxide insertion into metal-oxygen bonds. Carbonyl sulfide activation as a model for CO ₂ . <i>Inorganic Chemistry</i> , 1991 , 30, 2418-2424	5.1	43
305	Length of a tungsten-phosphine bond free of excessive steric interactions: crystal structure of pentacarbonyl(trimethylphosphine)tungsten. <i>Inorganic Chemistry</i> , 1981 , 20, 4440-4442	5.1	43
304	Steric contributions to the solid-state structures of bis(phosphine) derivatives of molybdenum carbonyl. X-ray structural studies of cis-Mo(CO) ₄ [PPh ₃ -nMen] ₂ (n = 0, 1, 2). <i>Inorganic Chemistry</i> , 1982 , 21, 294-299	5.1	43
303	Terpolymerization of propylene oxide and vinyl oxides with CO ₂ : copolymer cross-linking and surface modification via thiol-ene click chemistry. <i>Polymer Chemistry</i> , 2015 , 6, 1768-1776	4.9	42
302	Synthesis and structural characterization of iron(III) salen complexes possessing appended anionic oxygen donor ligands. <i>Inorganica Chimica Acta</i> , 2004 , 357, 2143-2149	2.7	42
301	Copolymerization and Terpolymerization of CO ₂ and Epoxides Using a Soluble Zinc Crotonate Catalyst Precursor. <i>Macromolecules</i> , 1999 , 32, 2137-2140	5.5	42
300	Anionic group 6 hydrides and carboxylates as homogeneous catalysts for reduction of aldehydes and ketones. <i>Journal of the American Chemical Society</i> , 1986 , 108, 5465-5470	16.4	42

299	The solution photosubstitution chemistry of triphenylphosphine derivatives of molybdenum hexacarbonyl. <i>Journal of the American Chemical Society</i> , 1978 , 100, 463-468	16.4	42
298	Thermal and photochemical reactivity of manganese tricarbonyl and tetracarbonyl complexes with a bulky diazabutadiene ligand. <i>Inorganic Chemistry</i> , 2014 , 53, 4081-8	5.1	41
297	Synthesis of CO ₂ -Derived Poly(indene carbonate) from Indene Oxide Utilizing Bifunctional Cobalt(III) Catalysts. <i>Macromolecules</i> , 2013 , 46, 5929-5934	5.5	41
296	(Meta- Sulfonatophenyl) Diphenylphosphine, Sodium Salt and its Complexes with Rhodium(I), Ruthenium(II), Iridium(I). <i>Inorganic Syntheses</i> , 2007 , 1-8		41
295	N ₂ S ₂ Ni metathiolates as a class of ligands that support organometallic and bioorganometallic reactivity. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1217-20	16.4	41
294	Reaction of (Cy ₃ P) ₂ Ni(H)(CH ₃) with carbon dioxide. Formation of an hydridonickel formate complex, HNi(O ₂ CH)(Cy ₃ P) ₂ . <i>Journal of the American Chemical Society</i> , 1987 , 109, 7539-7540	16.4	41
293	Role of the Metal Center in the Homogeneous Catalytic Decarboxylation of Select Carboxylic Acids. Copper(I) and Zinc(II) Derivatives of Cyanoacetate. <i>Journal of the American Chemical Society</i> , 1995 , 117, 318-328	16.4	40
292	Mechanistic studies of carbon dioxide insertion into metal hydrides and extrusion from the corresponding metal formates utilizing Group 6 metal carbonyl derivatives as reaction probes. <i>Journal of the American Chemical Society</i> , 1990 , 112, 9252-9257	16.4	40
291	Water-soluble organometallic compounds. 1. The synthesis, characterization, and x-ray structure of (kryptofix-221)sodium pentacarbonyl[tris(m-sulfonatophenyl)phosphine]tungstate(3-). <i>Inorganic Chemistry</i> , 1991 , 30, 1144-1147	5.1	40
290	Phase-transfer-catalyzed nucleophilic reactions of hydroxide ions at metal-bound carbon monoxide centers. <i>Journal of the American Chemical Society</i> , 1980 , 102, 4688-4694	16.4	40
289	An Examination of the Steric and Electronic Effects in the Copolymerization of Carbonyl Sulfide and Styrene Oxide. <i>Macromolecules</i> , 2015 , 48, 6057-6062	5.5	39
288	Environmentally Benign CO ₂ -Based Copolymers: Degradable Polycarbonates Derived From Dihydroxybutyric Acid and Their Platinum-Polymer Conjugates. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4626-33	16.4	39
287	The copolymerization of carbon dioxide and [2-(3,4-epoxycyclohexyl)ethyl]trimethoxysilane catalyzed by (salen)CrCl. Formation of a CO ₂ soluble polycarbonate. <i>Inorganic Chemistry</i> , 2003 , 42, 4498-500	5.1	39
286	Synthesis and X-ray Structure of the Novel Aluminum Complex [(eta ³ -HB(3-Phpz)(2)(5-Phpz)}(2)Al][AlCl(4)]. Catalysis of CO(2)/Propylene Oxide to Propylene Carbonate by the AlCl(4)(-) Anion. <i>Inorganic Chemistry</i> , 1996 , 35, 2682-2684	5.1	39
285	Formate ion as a monodentate ligand. Synthesis, structure, and decarboxylation of (.eta.5-cyclopentadienyl)dicarbonyl(formato)iron. <i>Journal of the American Chemical Society</i> , 1981 , 103, 1297-1298	16.4	39
284	Photochemical substitution reactions of Group 6B metal tetracarbonyl norbornadiene complexes with carbon-13 monoxide, kinetics of subsequent thermal rearrangements in the stereospecifically labeled species, and relation of these results to the photoinduced hydrogenation process. <i>Journal of the American Chemical Society</i> , 1977 , 99, 896-903	16.4	39
283	A phase separable polycarbonate polymerization catalyst. <i>Chemical Communications</i> , 2008 , 975-7	5.8	38
282	An exploration of the coupling reactions of epoxides and carbon dioxide catalyzed by tetramethyltetraazaannulene chromium(III) derivatives: formation of copolymers versus cyclic carbonates. <i>Inorganic Chemistry</i> , 2008 , 47, 11868-78	5.1	38

- 281 Insertion of carbon dioxide into metal alkoxide bonds. Synthesis and structure of tungsten tetracarbonyl carbonate. *Journal of the American Chemical Society*, **1987**, 109, 290-292 16.4 38
- 280 Steric contributions to the solution dynamics involving phosphorus ligand dissociation in substituted derivatives of molybdenum hexacarbonyl. *Inorganic Chemistry*, **1979**, 18, 1257-1261 5.1 38
- 279 Poly(trimethylene monothiocarbonate) from the Alternating Copolymerization of COS and Oxetane: A Semicrystalline Copolymer. *Macromolecules*, **2016**, 49, 8863-8868 5.5 37
- 278 Bis(triphenylphosphine)copper(I) Complexes of Orotate and L-Dihydroorotate. *Inorganic Chemistry*, **1998**, 37, 6125-6128 5.1 37
- 277 An Investigation of the Pathways for Oxygen/Sulfur Scramblings during the Copolymerization of Carbon Disulfide and Oxetane. *Macromolecules*, **2015**, 48, 5526-5532 5.5 36
- 276 Homogeneous catalytic synthesis of alkyl formates from the reaction of alkyl halides, carbon dioxide, and hydrogen in the presence of anionic Group 6 carbonyl catalysts and sodium salts. *Journal of the American Chemical Society*, **1987**, 109, 3330-3336 16.4 36
- 275 Syntheses, Structures, and Binding Constants of Cyclic Ether and Thioether Adducts of Soluble Cadmium(II) Carboxylates. Intermediates in the Homopolymerization of Oxiranes and Thiiranes and in Carbon Dioxide Coupling Processes. *Inorganic Chemistry*, **1997**, 36, 2426-2432 5.1 35
- 274 The stereochemical course of reactions leading to formation of mono-ligated (phenylacetyl)manganese tetracarbonyl compounds. *Journal of Organometallic Chemistry*, **1975**, 85, 73-84³ 35
- 273 Intramolecular and intermolecular hydrogen bonding in triphenylphosphine derivatives of copper(I) carboxylates, (Ph₃P)₂CuO₂C(CH₂)_nCOOH. Role of copper(I) in the decarboxylation of malonic acid and its derivatives. *Inorganic Chemistry*, **1994**, 33, 531-537 5.1 34
- 272 Kinetic studies of thermal decomposition and substitution reactions of cis-Mo(CO)₄[P(C₆H₅)₃](amine) compounds. Competitive study of Lewis bases for the intermediate [Mo(CO)₄P(C₆H₅)₃]. *Inorganic Chemistry*, **1973**, 12, 1286-1291 5.1 34
- 271 CO₂-Based Block Copolymers: Present and Future Designs. *Trends in Chemistry*, **2020**, 2, 750-763 14.8 34
- 270 Kinetic Study of the Insertion and Deinsertion of Carbon Dioxide into fac-(CO)₃(dppe)MnOR Derivatives. *Organometallics*, **2003**, 22, 5585-5588 3.8 33
- 269 A More Intimate Examination of the Role of Copper(I) in the Decarboxylation of Derivatives of Malonic Acid. Comparisons with Zinc(II) Analogs. *Inorganic Chemistry*, **1995**, 34, 2389-2398 5.1 33
- 268 Dramatic Behavioral Differences of the Copolymerization Reactions of 1,4-Cyclohexadiene and 1,3-Cyclohexadiene Oxides with Carbon Dioxide. *Macromolecules*, **2015**, 48, 1679-1687 5.5 32
- 267 Highly regioselective and alternating copolymerization of carbonyl sulfide with phenyl glycidyl ether. *Polymer Chemistry*, **2015**, 6, 6955-6958 4.9 32
- 266 Coordinatively Unsaturated Derivatives of Group 6 Metal Carbonyls Containing the pi-Donating Ligand 3,5-Di-tert-butylcatecholate. *Inorganic Chemistry*, **1996**, 35, 1529-1534 5.1 32
- 265 X-ray structural studies of cis-Mo(CO)₄(PR₃)₂ (R = Me, Et, n-Bu) derivatives and their relationship to solution isomerization processes in these octahedral species. *Inorganic Chemistry*, **1982**, 21, 2661-2666 5.1 32
- 264 Ligand substitution processes in tetranuclear carbonyl clusters. 6. Steric contribution to ligand dissociation in multisubstituted tetrairidium dodecacarbonyl derivatives. *Journal of the American Chemical Society*, **1982**, 104, 3906-3910 16.4 32

- 263 Oxygen exchange reactions of water (oxygen-18) with hexacarbonyl cations of manganese and rhenium. *Journal of the American Chemical Society*, **1977**, 99, 4726-4729 16.4 32
- 262 Organometallic Derivatives of Orotic Acid. CO π -Stabilizing Ability of the Amido Group in Chromium and Tungsten Carbonyl Complexes. *Inorganic Chemistry*, **1998**, 37, 2538-2546 5.1 31
- 261 Coordinatively and Electronically Unsaturated Tungsten(0) Carbonyl Complexes Stabilized by pi-Donating Amido Ligands. *Inorganic Chemistry*, **1996**, 35, 1535-1539 5.1 31
- 260 Mechanistic aspects of decarboxylation reactions of Group 10 metal formate hydrido tricyclohexylphosphine [(PCy₃)₂M(H)O₂CH] derivatives. *Journal of the American Chemical Society*, **1990**, 112, 5759-5762 16.4 31
- 259 Ligand substitution processes in tetranuclear carbonyl clusters. 7. Molecular structure and carbon monoxide exchange processes of Co₄(CO)₉(tripod), tripod = 1,1,1-tris(diphenylphosphino)methane or HC(PPh₂)₃. *Organometallics*, **1984**, 3, 1210-1217 3.8 31
- 258 Photochemical substitution reactions of substituted Group VI metal carbonyls. *Inorganic Chemistry*, **1972**, 11, 1967-1970 5.1 31
- 257 Availability of Other Aliphatic Polycarbonates Derived from Geometric Isomers of Butene Oxide and Carbon Dioxide Coupling Reactions. *Macromolecules*, **2014**, 47, 4943-4948 5.5 30
- 256 Synthesis and characterization of carbonyl thiolato [Et₄N][M(CO)₅SR] and [Et₄N]₂[M₂(CO)₈(SR)₂] complexes (M = chromium, molybdenum, tungsten). Ligand substitution reactions and x-ray crystal structure of [Et₄N]₂[W₂(CO)₈(SPh)₂]. *Inorganic Chemistry*, **1988**, 27, 3636-3643 5.1 30
- 255 MECHANISTIC ASPECTS OF CATALYTIC CARBON DIOXIDE METHANATION. *Reviews in Inorganic Chemistry*, **1985**, 7, 315-340 2.4 30
- 254 Ligand substitution processes in tetranuclear carbonyl clusters. 4. Molecular structure and reactivity of octacarbonyltetrakis(trimethylphosphine)tetrairidium. *Inorganic Chemistry*, **1981**, 20, 3846-3850 5.1 30
- 253 Kinetics of the (salen)Cr(III)- and (salen)Co(III)-catalyzed copolymerization of epoxides with CO₂, and of the accompanying degradation reactions. *Polymer Chemistry*, **2015**, 6, 1103-1117 4.9 29
- 252 Cation-anion interaction in the [Na-kryptofix-221][W(CO)₅O₂CH] derivative and its relevance in carbon dioxide reduction processes. *Journal of the American Chemical Society*, **1985**, 107, 5687-5693 16.4 29
- 251 Depolymerization of Poly(indene carbonate). A Unique Degradation Pathway. *Macromolecules*, **2013**, 46, 3228-3233 5.5 28
- 250 Intramolecular rearrangement of carbonyl ligands in the octahedral complex pentacarbonyl(trimethyl phosphite) tungsten by a nondissociative process: an example of the utility of the oxygen-18 isotope shift on the carbon-13 NMR of the carbonyl ligand. *Journal of the American Chemical Society*, **1978**, 101, 1117-1119 16.4 28
- 249 Molecular and electronic structures of three pyridine- and piperidine-substituted chromium carbonyl compounds: Cr(CO)₅(C₅H₅N), Cr(CO)₅(C₅H₁₀NH) and cis-Cr(CO)₄(C₅H₁₀NH)[P(OMe)₃]. *Inorganic Chemistry*, **1981**, 20, 4090-4096 5.1 28
- 248 Perfectly Alternating and Regioselective Copolymerization of Carbonyl Sulfide and Epoxides by Metal-Free Lewis Pairs. *Angewandte Chemie*, **2017**, 129, 5868-5873 3.6 27
- 247 ¹¹³Cd Shielding Tensors of Monomeric Cadmium Compounds Containing Nitrogen Donor Atoms. 3. Syntheses, Crystal Structure, and ¹¹³Cd NMR Spectroscopy of the Six-Coordinate Complexes [HB(pz)₃]₂Cd, [HB(3-Phpz)₃]₂Cd, and [B(pz)₄][Cd{HB(3-Phpz)₃}] (pz = pyrazolyl). *Journal of the American Chemical Society*, **1995**, 117, 10998-11005 16.4 27
- 246 The Reversible Insertion Reaction of Carbon Dioxide with the W(CO)₅OH(-) Anion. Isolation and Characterization of the Resulting Bicarbonate Complex [PPN][W(CO)₅O(2)COH]. *Inorganic Chemistry*, **1996**, 35, 4406-4413 5.1 27

- 245 Catalytic carbon dioxide methanation by alumina-supported mono- and polynuclear ruthenium carbonyls. *Inorganic Chemistry*, **1986**, 25, 1603-1609 5.1 27
- 244 Ligand substitution processes in tetranuclear metal carbonyl clusters. 2. Tris(μ -carbonyl)-nonacarbonyltetracobalt derivatives. *Inorganic Chemistry*, **1980**, 19, 2585-2590 5.1 27
- 243 Electrochemical investigations of compounds having isomeric forms with similar standard redox potentials: oxidation of bis(tri-*n*-butylphosphine)molybdenum tetracarbonyl and related complexes. *Journal of the American Chemical Society*, **1981**, 103, 6827-6832 16.4 27
- 242 Labile Copper (I) Chloride Complexes: Preparation and Handling. *Inorganic Syntheses*, **2007**, 222-228 26
- 241 Mixed metal cyanide complexes derived from the CpCo(CN)₃ anion. *Inorganica Chimica Acta*, **2004**, 357, 1603-1607 2.7 26
- 240 Water-Soluble Organometallic Compounds. 8[1]. Synthesis, Spectral Properties, and Crystal Structures of 1,3,5-Triaza-7-phosphaadamantane (PTA) Derivatives of Metal Carbonyl Clusters: Ru₃(CO)₉(PTA)₃ and Ir₄(CO)₇(PTA)₅. *Journal of Cluster Science*, **2000**, 11, 95-107 3 26
- 239 Coordination Chemistry, Structure, and Reactivity of Thiouracil Derivatives of Tungsten(0) Hexacarbonyl: A Theoretical and Experimental Investigation into the Chelation/Dechelation of Thiouracil via CO Loss and Addition. *Inorganic Chemistry*, **1999**, 38, 4715-4723 5.1 26
- 238 Synthesis, reactivity, and x-ray structure of fac-(acetonitrile)tricarbonyl[bis(diphenylphosphino)methane]tungsten. Stereoselective preparation of fac-W(CO)₃(13CO)(dppm) and subsequent intramolecular rearrangement processes. *Inorganic Chemistry*, **1987**, 26, 3727-3732 5.1 26
- 237 Cluster synthesis via aggregation: synthesis and solution and solid-state characterization of sulfur-capped group 6 metal carbonyl clusters. *Inorganic Chemistry*, **1988**, 27, 821-829 5.1 26
- 236 The separation of pure lateral and diagonal isomers of cyclopentadienyldibromodicarbonylrhenium. *Journal of Organometallic Chemistry*, **1975**, 93, C23-C25 2.3 26
- 235 Switchable catalytic processes involving the copolymerization of epoxides and carbon dioxide for the preparation of block polymers. *Inorganic Chemistry Frontiers*, **2017**, 4, 412-419 6.8 25
- 234 Amino Acid Complexes of Metal Carbonyls: Mechanistic Aspects of the CO-Labilizing Ability of Glycinate Ligands in Zero-Valent Chromium and Tungsten Derivatives. *Inorganic Chemistry*, **1997**, 36, 3648-3656 5.1 25
- 233 Stereochemical nonrigidity in six-coordinate Group VIB metal carbonyl derivatives via a nondissociative pathway. *Inorganic Chemistry*, **1984**, 23, 2993-2996 5.1 25
- 232 Ligand additivity in the valence photoelectron spectroscopy of phosphine-substituted molybdenum carbonyls. *Inorganic Chemistry*, **1984**, 23, 4361-4365 5.1 25
- 231 Ligand substitution processes in tetranuclear carbonyl clusters. 9. Reactions of Co₄(CO)₉(tripod), tripod = HC(PPh₂)₃, and its derivatives. *Organometallics*, **1985**, 4, 92-97 3.8 25
- 230 Solution photosubstitution chemistry of amine pentacarbonyl derivatives of the Group 6B metals in the presence of carbon-13 monoxide. An example of stereospecific incorporation of carbon-13 monoxide. *Inorganic Chemistry*, **1978**, 17, 884-888 5.1 25
- 229 Construction of Autonomic Self-Healing CO₂-Based Polycarbonates via One-Pot Tandem Synthetic Strategy. *Macromolecules*, **2018**, 51, 1308-1313 5.5 24
- 228 Carbon monoxide induced reductive elimination of disulfide in an N-heterocyclic carbene (NHC)/thiolate dinitrosyl iron complex (DNIC). *Journal of the American Chemical Society*, **2013**, 135, 8423-8430 16.4 24

227	Structural characterization of bidentate carboxylate derivatives of copper(I) bistrisphenylphosphine. <i>Inorganica Chimica Acta</i> , 1994 , 227, 223-232	2.7	24
226	Nucleophilic addition of a water-soluble phosphine to aldehydes. Isolation of (1-hydroxyalkyl)phosphonium salts and the crystal structure of the (1-methoxy-1-benzyl)(m-sulfonatophenyl)diphenylphosphonium salt. <i>Inorganic Chemistry</i> , 1994 , 33, 175-177	5.1	24
225	Chemical and x-ray structural studies on the (acetato)- and (trifluoroacetato)pentacarbonylmetalates of chromium and molybdenum. <i>Journal of the American Chemical Society</i> , 1981 , 103, 398-405	16.4	24
224	Comments on the depolymerization of polycarbonates derived from epoxides and carbon dioxide: A mini review. <i>Polymer Degradation and Stability</i> , 2018 , 149, 45-51	4.7	23
223	2-Thia-1,3,5-triaza-7-phosphaadamantane 2,2-Dioxide (PASO ₂). Comparative Structural and Reactivity Investigation with the Water-Soluble Phosphine Ligand 1,3,5-triaza-7-phosphaadamantane (PTA). <i>Organometallics</i> , 2003 , 22, 2050-2056	3.8	23
222	Synthesis and structures of nickel and palladium salicylaldiminato 1,3,5-triaza-7-phosphaadamantane (PTA) complexes. <i>Inorganic Chemistry</i> , 2003 , 42, 6915-22	5.1	23
221	Phosphine Adducts of Monomeric Zinc(bis-phenoxides): Solution and Solid-State Structures of (2,6-Di-tert-butylphenoxide)ZnL Complexes (L = PMePh ₂ and PCy ₃). <i>Inorganic Chemistry</i> , 1998 , 37, 2852-2853	5.1	23
220	Catecholates as π and σ Donating Ligands: The Synthesis and Structure of (Et ₄ N) ₂ [W(CO) ₄ (O ₂ C ₆ H ₄)] and the Sixteen Electron Analogue Resulting from CO Dissociation. <i>Angewandte Chemie International Edition in English</i> , 1992 , 31, 1503-1504		23
219	Potential intermediates in carbon dioxide reduction processes. Synthesis and structure of (μ -formato)decacarbonyltriruthenium and (μ -acetato)decacarbonyltriruthenium anions. <i>Organometallics</i> , 1983 , 2, 1285-1291	3.8	23
218	Synthesis and characterization of polynuclear chromium carbonyl tetraanions. <i>Inorganic Chemistry</i> , 1985 , 24, 3465-3468	5.1	23
217	Ligand-substitution processes in tetranuclear carbonyl clusters. 5. A kinetic and infrared investigation of carbon-13 monoxide incorporation into tri- μ -carbonyl-nonacarbonyltetracobalt and its monosubstituted derivatives. <i>Organometallics</i> , 1982 , 1, 306-311	3.8	23
216	Relative basicities of cyclic ethers and esters. Chemistry of importance to ring-opening co- and terpolymerization reactions. <i>Polyhedron</i> , 2013 , 58, 139-143	2.7	22
215	Further studies related to the copolymerization of cyclohexene oxide and carbon dioxide catalyzed by chromium Schiff base complexes. Crystal structures of two hydroxo-bridged Schiff base dimers of chromium(III). <i>Inorganica Chimica Acta</i> , 2007 , 360, 523-528	2.7	22
214	Synthesis and Structures of (Dialkylamino)ethylcyclopentadienyl Derivatives of Zinc. <i>Organometallics</i> , 2001 , 20, 4413-4417	3.8	22
213	Amino Acid Derivatives of Tungsten Carbonyl. Structure and Reactivity Investigations of Zerovalent Tungsten Glycine Derivatives. <i>Inorganic Chemistry</i> , 1994 , 33, 5230-5237	5.1	22
212	Crystal structure and reactivity of bis[bis(1,2-dimethylphosphino)ethane]copper(2+) bis(tetracarbonylcobalt)curprate(2-): staggered and eclipsed conformations of [(CO) ₄ CoCuCo(CO) ₄]- anions. <i>Inorganic Chemistry</i> , 1990 , 29, 2153-2157	5.1	22
211	Homogeneous catalysis of methyl formate production from carbon monoxide and methanol in the presence of metal carbonyl catalysts. <i>Journal of Molecular Catalysis</i> , 1985 , 29, 285-290		22
210	Chemical and infrared spectral details of reactions involving stereospecific incorporation of oxygen-18 into substituted manganese and rhenium carbonyl derivatives via exchange reactions with water (oxygen-18). <i>Journal of the American Chemical Society</i> , 1977 , 99, 5940-5946	16.4	22

- 209 A One-Pot Synthesis of a Triblock Copolymer from Propylene Oxide/Carbon Dioxide and Lactide: Intermediacy of Polyol Initiators. *Angewandte Chemie*, **2013**, 125, 10796-10800 3.6 21
- 208 Trigonal-Planar Zinc(II) and Cadmium(II) Tris(phenoxide) Complexes. *Inorganic Chemistry*, **1999**, 38, 1356-1359 21
- 207 Cyanide-Bridged Heterobimetallic Complexes of the Group 6 Metal Carbonyls and Copper(I). X-ray Structures of (CO)₅MCNCu(PPh₃)₃ (M = Cr, W) Derivatives. *Inorganic Chemistry*, **1996**, 35, 4764-4769 5.1 21
- 206 Reversible decarboxylation of phosphine derivatives of Cu(I) cyanoacetate. Mechanistic aspects germane to catalytic decarboxylation of carboxylic acids. *Journal of the American Chemical Society*, **1993**, 115, 8839-8840 16.4 21
- 205 Ligand substitution processes in tetranuclear carbonyl clusters. 3. Molecular structures of Co₄(CO)₈(μ-CO)₃[P(C₆H₅)₃] and Co₄(CO)₇(μ-CO)₃[P(OCH₃)₃]₂. *Inorganic Chemistry*, **1981**, 20, 1911-1918 5.1 21
- 204 Studies using tributylphosphine oxide as a carbon monoxide labilizing ligand in the synthesis of metal carbonyl complexes highly enriched in carbon-13 monoxide. *Inorganic Chemistry*, **1981**, 20, 1918-1921 5.1 21
- 203 X-ray molecular structures of Mn(CO)₅(O₂CCF₃) and Mn(CO)₃(C₅H₅N)₂(O₂CCF₃). *Inorganic Chemistry*, **1981**, 20, 1287-1291 5.1 21
- 202 Stereospecific photochemical reactions of Group VIb metal tetracarbonyl norbornadiene complexes with carbon-13 monoxide. *Journal of the American Chemical Society*, **1974**, 96, 6511-6513 16.4 21
- 201 Intramolecular hydrogen-bonding implications on the lability of the molybdenum-piperidine bond. Molecular structure of cis-Mo(CO)₄[P(OCH₃)₃]NHC₅H₁₀. *Inorganic Chemistry*, **1977**, 16, 2314-2317 5.1 21
- 200 Mechanistic Study of Regio-Defects in the Copolymerization of Propylene Oxide/Carbonyl Sulfide Catalyzed by (Salen)CrX Complexes. *Macromolecules*, **2017**, 50, 8426-8437 5.5 20
- 199 Synthesis of CO₂-Based Block Copolymers via Chain Transfer Polymerization Using Macroinitiators: Activity, Blocking Efficiency, and Nanostructure. *Macromolecules*, **2018**, 51, 791-800 5.5 20
- 198 Coordination Complexes of Bis(triphenylphosphine) Copper(I) Carbonate and Bicarbonate. *Inorganic Chemistry*, **1995**, 34, 5390-5394 5.1 20
- 197 Synthesis and reactivity of tungsten pentacarbonyl hydroxo and bicarbonato complexes. Molecular structure of [PPN][W(CO)₅HCO₃], an organometallic analog for carbonic anhydrase. *Inorganic Chemistry*, **1993**, 32, 4675-4676 5.1 20
- 196 Metal-induced transformations of carbon dioxide. Carbon-carbon bond-forming processes involving anionic Group VIb metal derivatives, and the x-ray structure of [PNP][cis-MeW(CO)₄PMe₃]. *Journal of the American Chemical Society*, **1984**, 106, 3672-3673 16.4 20
- 195 Five-coordinate Schiff base complexes of gallium. Potential catalysts for the copolymerization of carbon dioxide and epoxides. *Comptes Rendus Chimie*, **2004**, 7, 755-761 2.7 19
- 194 Structural and Spectroscopic Studies of 16-Electron, Unsaturated Derivatives of Low-Valent, Group 6 Carbonyl Complexes Containing π-Donor Ligands. *Inorganic Chemistry*, **1999**, 38, 4705-4714 5.1 19
- 193 Ligand substitution processes in tetranuclear carbonyl clusters. 10. X-ray structural characterization of products resulting from reactions of nonacarbonyl[tris(diphenylphosphino)methane]tetracobalt with phosphine ligands. *Inorganic Chemistry*, **1986**, 25, 3281-3290 5.1 19
- 192 Preparation and structure of W(CO)₅OPPh₂NPPH₃, a novel complex containing a ligand derived from the bis(triphenylphosphine)nitrogen(1+) cation. *Inorganic Chemistry*, **1986**, 25, 125-127 5.1 19

191	Solid-state and solution structures of [PNP][W(CO)5O2CCH3] and [PNP][W(CO)4(PEt3)O2CCH3] and the carbonyl-labilizing ability of the acetato ligand in these anionic derivatives. <i>Inorganic Chemistry</i> , 1982 , 21, 1656-1662	5.1	19
190	Phase-transfer catalyzed oxygen-18 labeling studies of carbonyl ligands in neutral metal carbonyl derivatives. <i>Journal of the American Chemical Society</i> , 1978 , 100, 338-340	16.4	19
189	Infrared intensities of the carbonyl stretching vibrations in cyclopentadienyliron dicarbonyl derivatives. <i>Inorganic Chemistry</i> , 1972 , 11, 1606-1609	5.1	19
188	Copolymerization of carbon dioxide and cyclohexene oxide catalyzed by chromium complexes bearing semirigid [ONSO]-type ligands. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 1938-1944	2.5	19
187	Catalyst-Free Construction of Versatile and Functional CS ₂ -Based Polythioureas: Characteristics from Self-Healing to Heavy Metal Absorption. <i>Macromolecules</i> , 2019 , 52, 8596-8603	5.5	18
186	The propensity of alkoxide and aryloxo derivatives of tungsten carbonyls to aggregate in solution. Synthesis and X-ray structures of dinuclear, trinuclear and tetranuclear complexes derived from the MeOW(CO)5 ⁻ anion. <i>Inorganica Chimica Acta</i> , 1998 , 270, 405-413	2.7	18
185	Structural characterizations of coordination complexes of bis-triphenylphosphine copper(I) dicarboxylates. <i>Polyhedron</i> , 1996 , 15, 2341-2349	2.7	18
184	The effect of phosphonium salt formation on the kinetics of homogeneous hydrogenations in water utilizing a rhodium meta-sulfonatophenyl-diphenylphosphine complex. <i>Journal of Molecular Catalysis</i> , 1993 , 84, 157-163		18
183	Chemistry of zerovalent tungsten alkoxides. Synthesis, x-ray structure and reactivity toward carbon dioxide. <i>Inorganic Chemistry</i> , 1990 , 29, 1789-1791	5.1	18
182	Selective homogeneous production of alkyl formate from CO and alcohol using metal carbonyl/alkoxide catalyst systems. <i>Journal of Molecular Catalysis</i> , 1987 , 41, 329-347		18
181	Stereochemical studies of the carbon dioxide insertion reactions into the tungsten-alkyl bond. <i>Journal of the American Chemical Society</i> , 1985 , 107, 7473-7476	16.4	18
180	Reaction of iron pentacarbonyl with oxygen-18-enriched hydroxide. Decarboxylation vs. oxygen exchange in the [Fe(COOH)] intermediate. <i>Inorganic Chemistry</i> , 1979 , 18, 1401-1402	5.1	18
179	Relative importance of .sigma. and .pi. bonding of molecular nitrogen and carbonyl in osmium(II) complexes as determined by infrared intensities of the molecular nitrogen and carbonyl stretching vibrations. <i>Inorganic Chemistry</i> , 1971 , 10, 2399-2403	5.1	18
178	Stereospecific introduction of carbon monoxide into metal carbonyl chelate complexes. <i>Journal of Organometallic Chemistry</i> , 1974 , 66, C11-C13	2.3	18
177	Catalysis of carbon dioxide and oxetanes to produce aliphatic polycarbonates. <i>Green Chemistry</i> , 2020 , 22, 7707-7724	10	18
176	Kinetics and thermodynamics of the decarboxylation of 1,2-glycerol carbonate to produce glycidol: computational insights. <i>Green Chemistry</i> , 2014 , 16, 247-252	10	17
175	CO-Labilizing Ability of the Fluoride Ligand in Tungsten(0) Carbonyl Fluorides. X-ray Structure of [Et4N]3[W2(CO)6F3]. <i>Inorganic Chemistry</i> , 1995 , 34, 4933-4934	5.1	17
174	A linear, monomeric copper(I) acetate derivative, bis[bis(phenanthroline)copper] bis(acetato)cuprate(1-) hydrogen bis(acetate). An effective catalyst for the decarboxylation of carboxylic acids. <i>Inorganic Chemistry</i> , 1992 , 31, 3951-3955	5.1	17

173	A convenient route to carbon-13-enriched triruthenium dodecacarbonyl. Chemistry relevant to methyl formate production from carbon monoxide and methanol. <i>Organometallics</i> , 1984 , 3, 1928-1930	3.8	17
172	The X-ray structural characterization of a tetrameric binuclear bis(η oxo) molybdenum(V) compound bridged by methoxide ligands. <i>Inorganica Chimica Acta</i> , 1985 , 98, L39-L42	2.7	17
171	Further studies of the unusual nature of tris(β -cyanoethyl)phosphine: structures of the phosphine and the phosphine oxide. <i>Inorganic Chemistry</i> , 1981 , 20, 1869-1872	5.1	17
170	Kinetics of the thermal decomposition and substitution reactions of molybdenum pentacarbonyl amine compounds. <i>Inorganic Chemistry</i> , 1968 , 7, 1679-1680	5.1	17
169	Nature of the intermediate procreated in substitution reactions of Group VI metal carbonyls. <i>Journal of the American Chemical Society</i> , 1971 , 93, 2807-2808	16.4	17
168	Infrared intensities and calculation of infrared band shapes of the carbon monoxide stretching vibrations in substituted tungsten carbonyl derivatives. <i>Inorganic Chemistry</i> , 1973 , 12, 1075-1081	5.1	17
167	Copolymerization of Epoxides and CO ₂ : Polymer Chemistry for Incorporation in Undergraduate Inorganic Chemistry. <i>Journal of Chemical Education</i> , 2017 , 94, 1691-1695	2.4	16
166	An experimental and theoretical investigation of the carbon dioxide insertion process into the tungsten-nitrogen bond of an anionic W(0) complex. <i>Inorganic Chemistry</i> , 2001 , 40, 1993-9	5.1	16
165	Chromium Tricarbonyl Catecholate Derivatives. Structural and Reactivity Studies of "16-Electron" Complexes. <i>Inorganic Chemistry</i> , 1995 , 34, 4676-4681	5.1	16
164	Further studies on the role of neighboring group participation in carbonyl substitution reactions of group 6 metal carboxylates. <i>Inorganic Chemistry</i> , 1991 , 30, 1137-1142	5.1	16
163	Carbon dioxide insertion processes involving metal-carbon bonds: solid-state and solution structure of (18-crown-6) sodium pentacarbonylmethyltungstate(1-). <i>Inorganic Chemistry</i> , 1987 , 26, 977-980	5.1	16
162	Reactions of cryptand-solubilized sodium sulfide (NaSH) in aprotic solvents with the Group 6B metal hexacarbonyls. X-ray structural analysis and ligand lability studies of the isolated M(CO) ₅ SH ⁻ anions. <i>Organometallics</i> , 1982 , 1, 1161-1166	3.8	16
161	Synthesis of cyclic monothiocarbonates via the coupling reaction of carbonyl sulfide (COS) with epoxides. <i>Catalysis Science and Technology</i> , 2016 , 6, 188-192	5.5	15
160	Structural Diversity in Monomeric Cadmium Phenoxides. <i>Inorganic Chemistry</i> , 1997 , 36, 5686-5688	5.1	15
159	SYNTHESIS AND STRUCTURE OF 1,2-BIS(DIPHENYLPHOSPHINO)ETHANE COMPLEXES OF COPPER(I) ACETATE. CATALYSTS FOR THE DECARBOXYLATION OF CARBOXYLIC ACIDS. <i>Journal of Coordination Chemistry</i> , 1994 , 32, 27-37	1.6	15
158	Synthesis and x-ray crystal structure of zerovalent tungsten aryloxide dimers. <i>Inorganic Chemistry</i> , 1988 , 27, 3269-3270	5.1	15
157	Evidence for the fluxionality and structure in solution of intermediates of the type W(CO) ₄ (L) (L = lewis base). <i>Journal of Organometallic Chemistry</i> , 1976 , 116, C17-C20	2.3	15
156	Carbon Dioxide Copolymerization Study with a Sterically Encumbering Naphthalene-Derived Oxide. <i>ACS Catalysis</i> , 2015 , 5, 5421-5430	13.1	14

155	Non-Isocyanate and Catalyst-Free Synthesis of a Recyclable Polythiourethane with Cyclic Structure. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 5693-5703	8.3	14
154	Kinetic and Thermodynamic Investigations of CO ₂ Insertion Reactions into Ru π and Ru σ Bonds An Experimental and Computational Study. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 4024-4031	2.3	14
153	Construction of Versatile and Functional Nanostructures Derived from CO ₂ -based Polycarbonates. <i>Angewandte Chemie</i> , 2015 , 127, 10344-10348	3.6	14
152	What is the Real Steric Impact of Triphenylphosphite? Solid-State and Solution Structural Studies of cis- and trans-Isomers of M(CO) ₄ [P(OPh) ₃] ₂ (M = Mo and W). <i>Organometallics</i> , 2007 , 26, 6832-6838	3.8	14
151	The catalytic decarboxylation of cyanoacetic acid: anionic tungsten carboxylates as homogeneous catalysts. <i>Journal of the American Chemical Society</i> , 1993 , 115, 4675-4682	16.4	14
150	Photochemically enhanced carbon-carbon bond-forming reaction between carbon disulfide and methylpentacarbonyltungstate. X-ray structure of [PPN][W(CO) ₄ (η -2-S ₂ CCH ₃)]. <i>Organometallics</i> , 1991 , 10, 6-8	3.8	14
149	Oxygen-Exchange and Ligand Substitution Reactions in Cr(CO) ₆ and η [Cr(CO) ₅] ₂ -, and the Water Gas Shift Reaction. <i>Advances in Chemistry Series</i> , 1979 , 106-120		14
148	Structural characterizations of cis-Mo(CO) ₄ (PPhMe ₂)(NHC ₅ H ₁₀) and cis-Mo(CO) ₄ (PPhMe ₂)(PPh ₃) and their solution reactivities toward carbon monoxide. <i>Inorganic Chemistry</i> , 1982 , 21, 1651-1655	5.1	14
147	Reaction of cationic Group 7B metal carbonyl derivatives with sodium hydrogen sulfide. Production of metal hydrides. <i>Inorganic Chemistry</i> , 1977 , 16, 960-962	5.1	14
146	Preparation of oxygen-18-labeled derivatives of [Mn(CO) ₃ (dipho)H] via reaction of [Mn(CO) ₄ (dipho)][PF ₆] with water (oxygen-18) in the presence of triethylamine. Decarboxylation of a [Mn(COOH)] intermediate. <i>Inorganic Chemistry</i> , 1978 , 17, 3300-3302	5.1	14
145	Zwitterionic Alternating Polymerization to Generate Semicrystalline and Recyclable Cyclic Polythiourethanes. <i>ACS Macro Letters</i> , 2020 , 9, 866-871	6.6	13
144	Diamond-Shaped Heterometallic Complexes of Iron(II) and Copper(I) Bridged by Cyanide Groups. <i>Inorganic Chemistry</i> , 1999 , 38, 1378-1379	5.1	13
143	Aryloxo and Alkoxido Derivatives of Metal Clusters. Syntheses, Structures, and Reactivities of the μ -Oxo-Bridged Triruthenium Clusters Ru ₃ (CO) ₈ (μ - η -2-OC ₆ H ₄ Cl) ₂ and Ru ₃ (CO) ₈ (μ - η -2-OCH ₂ C ₅ H ₄ N) ₂ . <i>Inorganic Chemistry</i> , 1994 , 33, 3526-3532	5.1	13
142	Photochemistry of piperidine pentacarbonyl complexes of the Group 6B metals isolated in an argon matrix at 10 K. <i>Inorganic Chemistry</i> , 1980 , 19, 3455-3461	5.1	13
141	Stereospecific incorporation of oxygen-18 into manganese and rhenium pentacarbonyl derivatives via exchange reactions with water (oxygen-18). <i>Journal of the American Chemical Society</i> , 1976 , 98, 275-276	16.4	13
140	Oxygen Exchange Reactions of Cationic Carbonyl Derivatives of Manganese and Rhenium with H ₂ ¹⁸ O and Related Processes. <i>Israel Journal of Chemistry</i> , 1976 , 15, 247-252	3.4	13
139	Infrared intensities of the molecular nitrogen and carbonyl stretching vibrations in iridium(I) complexes. <i>Inorganic Chemistry</i> , 1971 , 10, 431-432	5.1	13
138	The synthesis and spectral properties of manganese pentacarbonyl phosphine and phosphite cation derivatives and related complexes. <i>Journal of Organometallic Chemistry</i> , 1974 , 74, C33-C36	2.3	13

- 137 The Use of 1,3,5-Triaza-7-Phosphaadamantane (PTA), A Water-Soluble , Air Stable Ligand, in Organometallic Chemistry and Catalysis **1995**, 61-80 13
- 136 Mechanism of CO displacement from an unusually labile rhenium complex: an experimental and theoretical investigation. *Inorganic Chemistry*, **2012**, 51, 13041-9 5.1 12
- 135 X-Ray crystal structures of five-coordinate (salen)MnN₃ derivatives and their binding abilities towards epoxides: chemistry relevant to the epoxide-CO₂ copolymerization process. *Dalton Transactions*, **2008**, 5031-6 4.3 12
- 134 A kinetic study of the ring-opening process in tungsten carbonyl complexes containing hemilabile metallodithiolate ligands. *Inorganic Chemistry*, **2006**, 45, 119-26 5.1 12
- 133 Organometallic Complexes of Uracil and Orotic Acid Derivatives: Coordination Mode, Structure, and Reactivity. *European Journal of Inorganic Chemistry*, **2000**, 2000, 2487-2495 2.3 12
- 132 Anionic Group 6 metal carbonyl oxalate complexes. X-ray structures of [Et₄N]₂[W(CO)₄C₂O₄] and [PPN]₂[W₂(CO)₈C₂O₄].cndot.1/2(CH₃CH₂)₂O. *Inorganic Chemistry*, **1992**, 31, 3428-3433 5.1 12
- 131 Comparative reactivities of anionic group 6 alkyl, silyl, and stannyl pentacarbonyl metalates toward carbon dioxide and sulfur dioxide. Crystal structure of bis(triphenylphosphine)nitrogen(1+) pentacarbonyl(trimethylsilyl)tungstate(1-). *Inorganic Chemistry*, **1988**, 27, 4203-4207 5.1 12
- 130 Oxygen-18 isotope shifts on the ¹³C nuclear magnetic resonance of metal carbonyl derivatives. *Journal of Organometallic Chemistry*, **1979**, 174, C70-C76 2.3 12
- 129 Ligand substitution process in tetranuclear metal carbonyl clusters. *Journal of Organometallic Chemistry*, **1979**, 171, 89-96 2.3 12
- 128 Crystal and molecular structure of dicarbonyl(eta.5-cyclopentadienyl)(formato)iron(II). *Inorganic Chemistry*, **1981**, 20, 3577-3579 5.1 12
- 127 Intermediates in the reaction of trans-Cr(CO)₄(PPh₃)₂ with carbon-13 monoxide and fluxionality in octahedral Group VIB metal carbonyls via a nondissociative mechanism. *Inorganic Chemistry*, **1982**, 21, 2488-2491 5.1 12
- 126 The solution behavior of unsaturated molybdenum carbonyl species as evidenced via stereospecific carbon-13 monoxide labeling studies. *Journal of the American Chemical Society*, **1978**, 100, 4119-4124 16.4 12
- 125 Photochemical reactions of transition-metal dinitrogen compounds in the presence of carbon monoxide. *Inorganic and Nuclear Chemistry Letters*, **1972**, 8, 529-532 12
- 124 Acrylic acid derivatives of group 8 metal carbonyls: a structural and kinetic study. *Inorganic Chemistry*, **2013**, 52, 5438-47 5.1 11
- 123 Crystal structures of aryloxy complexes of zinc embracing sodium aryl group interactions: Na[Zn(2,6-diphenylphenoxide)₃(H₂O)] and Na[Zn₂(2,6-diisopropylphenoxide)₄Cl][BTHF]. *Inorganica Chimica Acta*, **1998**, 274, 115-121 2.7 11
- 122 Studies of the carbon dioxide and epoxide coupling reaction in the presence of fluorinated manganese(III) acacen complexes: kinetics of epoxide ring-opening. *Inorganic Chemistry*, **2008**, 47, 4977-87 5.1 11
- 121 Methylene (Carbene) Complexes of Transition Metals. *Inorganic Syntheses*, **2007**, 164-172 11
- 120 ¹¹³Cd NMR Determination of the Binding Parameters of Alicyclic Epoxides to [Hydrotris(3-phenylpyrazol-1-yl)borate]Cd(II) Acetate. *Organometallics*, **2004**, 23, 5286-5290 3.8 11

119	Carbon monoxide ligand substitutional processes involving anionic Group 6 metal carboxylates and their relevance to decarboxylation mechanisms. <i>Inorganic Chemistry</i> , 1990 , 29, 592-597	5.1	11
118	Synthesis and characterization of sulfur-capped trinuclear group 6B metal clusters. <i>Organometallics</i> , 1984 , 3, 1598-1600	3.8	11
117	The Importance of Reactions of Oxygen Bases with Metal Carbonyl Derivatives in Catalysis. <i>ACS Symposium Series</i> , 1981 , 107-121	0.4	11
116	Syntheses and Structures of $[CH_2(NC_nH_{2n})_2]Mo(CO)_4$ ($n = 4, 5$) Complexes with Bis(cycloamine) Ligands Easily Prepared from CH_2Cl_2 . <i>Organometallics</i> , 2015 , 34, 3598-3602	3.8	10
115	Hammett correlations as test of mechanism of CO-induced disulfide elimination from dinitrosyl iron complexes. <i>Chemical Science</i> , 2014 , 5, 3795-3802	9.4	10
114	Ligand Displacement from $TpMn(CO)_2L$ Complexes: A Large Rate Enhancement in Comparison to the $CpMn(CO)_2L$ Analogues. <i>Organometallics</i> , 2011 , 30, 3054-3063	3.8	10
113	Polymers from Carbon Dioxide: Polycarbonates, Polythiocarbonates, and Polyurethanes	213-248	10
112	Displacement kinetics of $\eta(2)$ -bound furan and 2,3-dihydrofuran from Mn and Cr centers: evidence for the partial dearomatization of the furan ligand. <i>Inorganic Chemistry</i> , 2009 , 48, 7787-93	5.1	10
111	Biomimetic study of a polymeric composite material for joint repair applications. <i>Journal of Materials Research</i> , 2007 , 22, 1632-1639	2.5	10
110	Binucleating Coordination of N,N' -Ethylenebis(salicylideneamine) (H_2salen) to Low-Valent Group 6 Carbonyl Complexes. <i>Inorganic Chemistry</i> , 1998 , 37, 5383-5386	5.1	10
109	Rational Synthesis of Dinuclear Mixed-Valence $Cu(I)/Cu(II)$ Carboxylate Derivatives. Steric Influence of Phosphine Ligands on the Structures of the Complexes. <i>Inorganic Chemistry</i> , 1994 , 33, 2036-2040	5.1	10
108	Structural and reactivity studies of a cyanoacetic acid derivative of tungsten pentacarbonyl. X-ray structure of $W(CO)_5NCCH_2COOH$. <i>Inorganic Chemistry</i> , 1992 , 31, 4475-4480	5.1	10
107	FT-IR, photoacoustic and micro-Raman spectra of the dodecacarbonyltriruthenium (O) complexes $Ru_3(13CO)_{12}$ and $Ru_3(CO)_{12}$. <i>Journal of Raman Spectroscopy</i> , 1987 , 18, 357-363	2.3	10
106	Solution photochemistry of anionic metal carbonyl hydride derivatives. Substitution and dimer disruption processes in $\mu_3-H[M(CO)_5]_2^-$ ($M =$ chromium and tungsten). <i>Inorganic Chemistry</i> , 1979 , 18, 18-22	5.1	10
105	Kinetic studies of ligand substitution reactions and general-base catalysis in amine-ligand exchange processes for Group 6B metal carbonyl amine derivatives. Kinetic and spectroscopic evidence for hydrogen-bonded intermediates. <i>Inorganic Chemistry</i> , 1981 , 20, 4168-4177	5.1	10
104	Design of Betaine Functional Catalyst for Efficient Copolymerization of Oxirane and CO_2 . <i>Macromolecules</i> , 2018 , 51, 6057-6062	5.5	9
103	Structural Characterization of Several $(CO)_3(dppp)MnX$ Derivatives, $dppp =$ 1,3-Bis(diphenylphosphino)propane and $X = H, OTs, OC_2H_5, Cl, Br,$ or N_3 . An Assessment of Their Efficacy for Catalyzing the Coupling of Carbon Dioxide and Epoxides. <i>Organometallics</i> , 2004 , 23, 6025-6030	3.8	9
102	Synthesis, characterization and crystal structure of a zinc bis-dithiocarboxylate derivative. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 38-41	3.1	9

101	Synthesis and Structural Characterization of Potassium Salts of Phosphane-Substituted (Cyclopentadienyl)iron Dicyanides, and Their Use as Bridging Ligands for Copper(I) Phosphane Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 3639-3648	2.3	9
100	Solution ³¹ P and ¹¹³ Cd NMR Studies of Phosphine Adducts of Monomeric Cadmium (Bisphenoxide) Complexes and the Solid-State Structures of (2,6-Di-tert-butylphenoxide) ₂ Cd(PCy ₃) and (2,6-Di-tert-butylphenoxide) ₂ Cd(PMe ₃) ₂ . <i>Inorganic Chemistry</i> , 2000 , 39, 473-479	5.1	9
99	Multinuclear Metal Carbonyl Alkoxide and Aryloxy Derivatives as Models for Metal Carbonyls Adsorbed on Metal Oxide Supports. <i>Israel Journal of Chemistry</i> , 1990 , 30, 369-376	3.4	9
98	Carbon dioxide insertion and deinsertion processes involving metal-carbon bonds: solid-state structure of [PPN][W(CO)5CH2CN]. <i>Organometallics</i> , 1991 , 10, 3407-3410	3.8	9
97	Synthesis of metal carbonyl complexes highly enriched in carbon-13: utilization of the carbon monoxide-labilizing ability of (n-Bu) ₃ P:O. <i>Journal of the American Chemical Society</i> , 1980 , 102, 1213-1214	16.4	9
96	Reactions of M ₂ Cl ₄ (PR ₃) ₄ (M = Mo and W) with carbon monoxide. <i>Journal of Organometallic Chemistry</i> , 1981 , 217, C14-C16	2.3	9
95	Infrared determination of stereochemistry in metal complexes. The determination of symmetry coordinates. <i>Journal of Chemical Education</i> , 1974 , 51, 787	2.4	9
94	Kinetic ambiguity between the Id and D mechanisms in ligand substitution reactions. The intimate mechanism for axial base-ligand exchange reactions in alkyl(base)cobaloximes and related species. <i>Journal of the American Chemical Society</i> , 1976 , 98, 4317-4319	16.4	9
93	Thermal Dehydrogenation of Dimethylamine Borane Catalyzed by a Bifunctional Rhenium Complex. <i>Organometallics</i> , 2019 , 38, 2602-2609	3.8	8
92	Facile Synthesis of Well-Defined Branched Sulfur-Containing Copolymers: One-Pot Copolymerization of Carbonyl Sulfide and Epoxide. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13633-13637	16.4	8
91	Estimating the strength of the M-H-B interaction: a kinetic approach. <i>Dalton Transactions</i> , 2013 , 42, 6720-6723	4.3	8
90	Time resolved infrared spectroscopy: kinetic studies of weakly binding ligands in an iron-iron hydrogenase model compound. <i>Inorganic Chemistry</i> , 2012 , 51, 7362-9	5.1	8
89	Salen Metal Complexes as Catalysts for the Synthesis of Polycarbonates from Cyclic Ethers and Carbon Dioxide. <i>Advances in Polymer Science</i> , 2011 , 1-27	1.3	8
88	Ligand substitution from the (eta ⁵ -DMP)Mn(CO) ₂ (Solv) [DMP = 2,5-dimethylpyrrole, Solv = solvent] complexes: to ring slip or not to ring slip?. <i>Inorganic Chemistry</i> , 2010 , 49, 7597-604	5.1	8
87	N ₂ S ₂ Ni Metallothiolates as a Class of Ligands that Support Organometallic and Bioorganometallic Reactivity. <i>Angewandte Chemie</i> , 2005 , 117, 1243-1246	3.6	8
86	Synthesis and characterization of a monocyanide-bridged bimetallic iron(II) and copper(I) complex. <i>Inorganic Chemistry</i> , 2001 , 40, 6533-6	5.1	8
85	The synthesis and X-ray structure of a phenoxide-bridged heterobimetallic anion, W(CO) ₅ OPh(Cr(CO) ₃) and its reactivity with carbon dioxide and carbonyl sulfide. <i>Journal of Organometallic Chemistry</i> , 1993 , 451, 83-87	2.3	8
84	Synthesis and x-ray structure of anionic chelating phosphine-acyl derivative of tungsten, [cyclic] [PPh ₄][W(CO) ₄ C(O)CH ₂ CH ₂ CH ₂ PPh ₂], and the reactivity of its decarbonylated analog with carbon dioxide. <i>Organometallics</i> , 1985 , 4, 1094-1097	3.8	8

83	Infrared intensities and calculation of infrared band shapes of the $\nu(\text{C=O})$ and $\nu(\text{C-C})$ vibrational modes in Group 6B (norbornadiene)tetracarbonylmetal derivatives. <i>Inorganic Chemistry</i> , 1977 , 16, 534-540	5.1	8
82	Correlation between the stretching frequency and the absolute infrared intensity of the dinitrogen ligand in isoelectronic transition metal compounds. <i>Inorganic Chemistry</i> , 1972 , 11, 1436-1437	5.1	8
81	Randomly Distributed Sulfur Atoms in the Main Chains of CO ₂ -Based Polycarbonates: Enhanced Optical Properties. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4315-4321	16.4	8
80	One-Pot Synthesis of Ion-Containing CO ₂ -Based Polycarbonates Using Protic Ionic Liquids as Chain Transfer Agents. <i>Macromolecules</i> , 2018 , 51, 9122-9130	5.5	8
79	Approach for Introducing a Single Metal Complex into a Polymer Chain: Metallo-Chain Transfer Agents in CO ₂ or COS/Epoxy Copolymerization Processes. <i>Macromolecules</i> , 2019 , 52, 5217-5222	5.5	7
78	Personal Adventures in the Synthesis of Copolymers from Carbon Dioxide and Cyclic Ethers. <i>Advances in Inorganic Chemistry</i> , 2014 , 1-23	2.1	7
77	Tricarbonyl(Hydrido) [1,2-Bis (Diphenyl-phosphino)Ethane]Manganese as Precursor to Labile Site Derivatives. <i>Inorganic Syntheses</i> , 2007 , 298-302		7
76	Intermolecular hydrogen-bonding in the solid-state structure of CpFe(CN) ₂ (PTAH). <i>Journal of Organometallic Chemistry</i> , 2003 , 666, 49-53	2.3	7
75	Tricyclohexylphosphine derivatives of bis(2,6-difluorophenoxy)cadmium: a solution and solid-state NMR study. <i>Inorganic Chemistry</i> , 2001 , 40, 3639-42	5.1	7
74	Intramolecular hydrogen-bonding implications on the lability of the molybdenum-piperidine bond. Kinetic and mechanistic studies of the reaction of cis-Mo(CO) ₄ [P(OCH ₃) ₃]NHC ₅ H ₁₀ with carbon monoxide. <i>Inorganic Chemistry</i> , 1979 , 18, 2821-2825	5.1	7
73	On the use of ¹³ C- ¹³ C coupling in establishing intramolecular versus intermolecular CO ligand reorganization processes in metal carbonyl derivatives. <i>Journal of Organometallic Chemistry</i> , 1981 , 209, C37-C40	2.3	7
72	Evidence for hydrogen-bonded intermediates in amine substitution reactions involving Group 6B metal pentacarbonyl amine derivatives with phosphines. <i>Journal of the American Chemical Society</i> , 1975 , 97, 6874-6876	16.4	7
71	Preparation of a stereospecifically carbon-13 monoxide-labeled $[(\mu\text{-H})[\text{Mo}(\text{CO})_5]_2]$ - species and analysis of its carbonyl stretching vibrational modes. <i>Inorganic Chemistry</i> , 1978 , 17, 2677-2680	5.1	7
70	Sustainable synthesis of CO ₂ -derived polycarbonates from D-xylose. <i>Polymer Chemistry</i> , 2021 , 12, 5271-5278	4.9	7
69	Crystal structure of di-Ethloro-tris(triphenylphosphine)dicopper(I)-dichloromethane, C ₅₅ H ₄₇ Cl ₄ Cu ₂ P ₃ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1995 , 210, 615-616	1	6
68	Preparation and solid-state structure of a novel carboxylate derivative of copper(I), (Ph ₃ P) ₂ Cu(O ₂ CCH ₂ CN) ₂ H. <i>Inorganic Chemistry</i> , 1991 , 30, 357-358	5.1	6
67	Metal-Induced Transformations of Carbon Dioxide. <i>ACS Symposium Series</i> , 1988 , 26-41	0.4	6
66	Chemical and structural characterization of W(CO) ₅ OPPh ₂ NPPPh ₃ . A novel tungsten carbonyl complex containing a phosphine oxide ligand derived from the bis(triphenylphosphine)nitrogen(1+) cation. <i>Inorganic Chemistry</i> , 1986 , 25, 3537-3541	5.1	6

- 65 Stereospecific incorporation of ^{13}CO into olefinic substituted metal carbonyl compounds. *Journal of Organometallic Chemistry*, **1976**, 117, C90-C92 2.3 6
- 64 The lack of intramolecular carbonyl ligand rearrangement in the stereospecifically ^{13}Co labelled (diamine)molybdenum tetracarbonyl derivatives. *Journal of Organometallic Chemistry*, **1977**, 137, C1-C7 2.3 6
- 63 Placing Single-Metal Complexes into the Backbone of CO_2 -Based Polycarbonate Chains, Construction of Nanostructures for Prospective Micellar Catalysis. *Organometallics*, **2020**, 39, 1612-1618 3.8 6
- 62 Cyanide Docking and Linkage Isomerism in Models for the Artificial [FeFe]-Hydrogenase Maturation Process. *Journal of the American Chemical Society*, **2018**, 140, 9904-9911 16.4 5
- 61 Cyanide Compounds. *Inorganic Syntheses*, **2004**, 133-183 5
- 60 Structure of $\text{Ru}_4(\text{CO})_8(\text{O}_2\text{CCH}_2\text{CH}=\text{CH}_2)_4(\text{NMe}_3)_2$. *Acta Crystallographica Section C: Crystal Structure Communications*, **1993**, 49, 1619-1621 5
- 59 Origin of the structure in M-H-M vibrational modes of decacarbonylhydroditungstate(1-). *Inorganic Chemistry*, **1979**, 18, 1407-1408 5.1 5
- 58 Kinetic studies of phosphine and phosphite exchange reactions of substituted iron tricarbonyl carbene complexes. Competitive study of Lewis bases for the intermediate tricarbonyl(methyl ethyloxy carbene)iron. *Inorganic Chemistry*, **1974**, 13, 374-379 5.1 5
- 57 The interaction of Lewis bases with (acrylic acid) iron tetracarbonyl in solution. *Journal of Organometallic Chemistry*, **1973**, 54, C39-C44 2.3 5
- 56 Synthetic Metallodithiolato Ligands as Pendant Bases in [FeFe], [Fe[Fe(NO)]], and [(H)FeFe] Complexes. *Inorganic Chemistry*, **2020**, 59, 3753-3763 5.1 4
- 55 Photochemically Generated Transients from α - and β -Triphos Derivatives of Group 6 Metal Carbonyls and Their Reactivity with Olefins. *Organometallics*, **2012**, 31, 3163-3170 3.8 4
- 54 Potassium η -Hydrido-Bis[Pentacarbonylchromate(0)] and Potassium η -Hydrido-Bis[Pentacarbonyltungstate(0)]. *Inorganic Syntheses*, **2007**, 27-32 4
- 53 Crystal structure of tetraethylammonium bis(3,5-di-(tert-butyl)-catecholate)dioxorhenate, $\text{C}_{36}\text{H}_{60}\text{NO}_6\text{Re}$. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **1996**, 211, 501-502 1 4
- 52 Crystal structure of tetraethylammonium bis(catecholato)-dioxo-molybdenum(VI), $\text{C}_{28}\text{H}_{48}\text{MoN}_2\text{O}_6$. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **1994**, 209, 761-762 1 4
- 51 Catecholate als η und η -Donor-Liganden: $(\text{Et}_4\text{N})_2[\text{W}(\text{CO})_4(\text{O}_2\text{C}_6\text{H}_4)]$ und das durch CO -Abspaltung entstehende 16-Valenzelektronen-Analogon. *Angewandte Chemie*, **1992**, 104, 1501-1503 3.6 4
- 50 Solid-state and solution structure of (2,2'-bipyridine)(tetracarbonylcobalt)copper. *Inorganic Chemistry*, **1990**, 29, 4637-4640 5.1 4
- 49 Ligand substitution processes in tetranuclear carbonyl clusters. 8. Reactions of dodecacarbonyltetracobalt ($\text{Co}_4(12\text{CO})_{12}/\text{Co}_4(13\text{CO})_{12}$) with phosphorus donor ligands. Further evidence for cluster integrity during ligand substitution processes. *Inorganic Chemistry*, **1984**, 23, 4382-4384 5.1 4
- 48 Intramolecular ligand rearrangements in anionic group 6 metal pentacarbonyl hydride derivatives. *Inorganic Chemistry*, **1986**, 25, 880-882 5.1 4

47	Preparation of dinitrogen-rhenium complexes with tertiary arsines as coligands. Interaction of indium trichloride with rhenium(I)-dinitrogen species. <i>Inorganic Chemistry</i> , 1974 , 13, 1532-1534	5.1	4
46	Light-enhanced displacement of methyl acrylate from iron carbonyl: investigation of the reactive intermediate via rapid-scan Fourier transform infrared and computational studies. <i>Inorganic Chemistry</i> , 2013 , 52, 12655-60	5.1	3
45	Time-Resolved Infrared Spectroscopy Studies of Olefin Binding in Photogenerated CpRu(CO)X (X = Cl, I) Transients. <i>Organometallics</i> , 2012 , 31, 3972-3979	3.8	3
44	Synthesis and crystal structure of [H ₂ B(3-Phpz) ₂] ₂ Zn. <i>Journal of Organometallic Chemistry</i> , 2000 , 614-615, 305-308	2.3	3
43	Crystal structure of tricyclohexylphosphine sulfide, (C ₆ H ₁₁) ₃ PS. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1996 , 211, 400-400	1	3
42	Crystal structure of diphenylphosphinepentacarbonyltungsten(0), (C ₆ H ₅) ₂ PH(CO) ₅ W. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1994 , 209, 759-760	1	3
41	Chromium, molybdenum, and tungsten. <i>Journal of Organometallic Chemistry</i> , 1981 , 223, 49-116	2.3	3
40	A thermal route to stereospecifically ¹³ CO labelled group VIB metal pentacarbonyl amine derivatives. <i>Journal of Organometallic Chemistry</i> , 1977 , 140, C29-C32	2.3	3
39	Crystal structure of bis(hydro(tris-3-phenylpyrazolyl)borate)-cadmium(II), C ₂₇ H ₂₁ BCd _{0.50} N ₆ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1995 , 210, 617-618	1	3
38	Kinetic studies of thermal dissociation of carbon monoxide ligands from manganese tri- and tetra-carbonyl derivatives containing the bulky dipiperidylmethane ligand, CH ₂ Pip ₂ . <i>Inorganica Chimica Acta</i> , 2019 , 484, 443-449	2.7	3
37	Randomly Distributed Sulfur Atoms in the Main Chains of CO ₂ -Based Polycarbonates: Enhanced Optical Properties. <i>Angewandte Chemie</i> , 2021 , 133, 4361-4367	3.6	3
36	Facile Synthesis of Well-Defined Branched Sulfur-Containing Copolymers: One-Pot Copolymerization of Carbonyl Sulfide and Epoxide. <i>Angewandte Chemie</i> , 2020 , 132, 13735-13739	3.6	2
35	(S,S)-2,3-Bis[Di(m-Sodiumsulfonatophenyl)-Phosphino]Butane (Chiraphosts) and (S,S)-2,4-Bis[Di(m-Sodiumsulfonatophenyl)-Phosphino]Pentane (BDPPts). <i>Inorganic Syntheses</i> , 2007 , 36-40		2
34	η-Nitrido-Bis(Triphenylphosphorus) (1+) [Carbonyl-Decacarbonyl-η-Hydridotriosmate(1-)]. <i>Inorganic Syntheses</i> , 2007 , 236-237		2
33	Structure of [Cu ₂ (dmpe) ₃ Cl ₂] _n ·2CH ₂ Cl ₂ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993 , 49, 1140-1142		2
32	New Methods for Acquiring IR Spectral Data in Organometallic Chemistry and Catalysis. <i>ACS Symposium Series</i> , 1987 , 230-256	0.4	2
31	Concomitant bond formation and bond fission in the mass spectral fragmentation of an organometallic molecule. <i>Journal of the Chemical Society Chemical Communications</i> , 1979 , 409		2
30	Infrared intensity measurements of the Pt-H stretching vibration in Pt(II) complexes and their relationship to similar measurements for hydrogen chemisorbed on platinum. <i>Journal of Chemical Physics</i> , 1973 , 59, 3869-3870	3.9	2

29	Metal-Templated, Tight Loop Conformation of a Cys-X-Cys Biomimetic Assembles a Dimanganese Complex. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3645-3649	16.4	1
28	The synthesis and characterization of iron cyanide building blocks: [K]2[CpFe(CN)3] and its pentamethylcyclopentadienyl (Cp*) analog. <i>Inorganica Chimica Acta</i> , 2005 , 358, 4095-4098	2.7	1
27	Homogeneous catalytic synthesis of formaldehyde using the tungsten carbonyl complex [(CO)5WCl] in the presence of sodium methoxide. <i>Journal of Molecular Catalysis</i> , 1994 , 93, 125-136		1
26	Crystal structure of cyanoacetato-tetrahydrofuran-tris(3-phenylpyrazol-1-yl) hydroborato-cadmium, C34H32BCdN7O3. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1995 , 210, 146-147	1	1
25	Structure of tetrakis(dimethylphenylphosphine)rhodium(I) chloride. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993 , 49, 141-142		1
24	Chromium, molybdenum and tungsten: Annual survey covering the year 1973. <i>Journal of Organometallic Chemistry</i> , 1974 , 83, 309-425	2.3	1
23	Chromium, molybdenum and tungsten. <i>Journal of Organometallic Chemistry</i> , 1976 , 115, 221-325	2.3	1
22	A mass spectral study of intramolecular rearrangements in cis-M(CO)4(13CO)piperidine (M = Cr, W) derivatives. <i>Journal of Organometallic Chemistry</i> , 1978 , 161, C11-C12	2.3	1
21	The nature of binuclear dinitrogen complexes of rhenium(I) and rhenium(V) in solution. <i>Inorganica Chimica Acta</i> , 1972 , 6, 527-530	2.7	1
20	Chromium, molybdenum and tungsten. <i>Journal of Organometallic Chemistry</i> , 1973 , 62, 299-410	2.3	1
19	The Organometallic Chemistry of Carbon Dioxide Pertinent to Catalysis 1990 , 43-64		1
18	Synthesis of terpyridine-containing polycarbonates with post polymerization providing water-soluble and micellar polymers and their metal complexes. <i>Polymer Chemistry</i> , 2020 , 11, 4699-4705 ⁴⁻⁹		1
17	Carbon Disulfide Derived Polymers 2021 , 39-79		1
16	Copolymerization of propylene oxide and 13CO2 to afford completely alternating regioregular 13C-labeled Poly(propylene carbonate). <i>Polymer Journal</i> , 2021 , 53, 215-218	2.7	1
15	Explorations into the sustainable synthesis of cyclic and polymeric carbonates and thiocarbonates from eugenol-derived monomers and their reactions with CO2, COS, or CS2. <i>Green Chemistry</i> , 2022 , 24, 2535-2541	10	1
14	Ring-Opening Polymerization of Renewable Six-Membered Cyclic Carbonates. Monomer Synthesis and Catalysis 2011 , 163-200		0
13	Chromium, molybdenum and tungsten annual survey covering the year 1971. <i>Journal of Organometallic Chemistry</i> , 1972 , 45, 257-334	2.3	0
12	Uses of Metal Clusters in Homogeneous and Heterogeneous Catalysis 1990 , 41-54		0

