

# Arnold L Rheingold

## List of Publications by Year in descending order

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1,623  
papers

62,943  
citations

1981

104  
h-index

8433

152  
g-index

1693  
all docs

1693  
docs citations

1693  
times ranked

32655  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete inhibition of a polyol nucleation by a micromolar biopolymer additive. <i>Cell Reports Physical Science</i> , 2022, 3, 100723.	2.8	3
2	Sterically crowded 1,4-diiodobenzene as a precursor to difunctional hypervalent iodine compounds. <i>Chemical Communications</i> , 2022, 58, 1159-1162.	2.2	1
3	A facile route to germanium(IV) binaphthoxide complexes: crystal structure of a chiral resolved germanium(IV) binaphthoxide. <i>Mendeleev Communications</i> , 2022, 32, 19-21.	0.6	0
4	Utilizing Experiment and Theory to Evaluate Rhodamine B ethylenediamine as a Fluorescent Sensor for G-type Nerve Agents. <i>Journal of Fluorescence</i> , 2022, , 1.	1.3	0
5	Stabilizing Effect of Pre-equilibria: A Trifluoromethyl Complex as a CF <sub>2</sub> Reservoir in Catalytic Olefin Difluorocarbene. <i>ACS Catalysis</i> , 2022, 12, 3719-3730.	5.5	6
6	Side-on coordination of diphosphorus to a mononuclear iron center. <i>Science</i> , 2022, 375, 1393-1397.	6.0	9
7	Monofluorination of Naphthyls Promotes the Cofacial $\pi$ - $\pi$ Stacking and Increases the Electron Mobility of Non-Planar Zinc(II) Complexes of Di(naphthylethynyl)azadipyrromethene. <i>Journal of Physical Chemistry C</i> , 2022, 126, 6543-6555.	1.5	0
8	Synthesis and structural characterization of two rotationally flexible bis(benzoxaphosphole)s. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2022, 197, 426-433.	0.8	1
9	Protonolysis of the [B(Ar <sub>F</sub> ) <sub>4</sub> ] <sup>+</sup> Anion Mediated by Nucleophile/Electrophile/Water Cooperativity in a Platinum <sup>II</sup> PMe <sub>2</sub> OH Complex. <i>Organometallics</i> , 2022, 41, 1475-1479.	1.1	4
10	Synthesis, spectroscopy, and crystallography of magnesium, aluminum, and zinc complexes supported by a tridentate ketoiminate. <i>Polyhedron</i> , 2022, , 115946.	1.0	0
11	Synthesis and structural characterization of nitro-functionalized cyclic hypervalent iodine compounds. <i>Polyhedron</i> , 2022, 223, 115988.	1.0	3
12	An Active-Site Sulfonate Group Creates a Fast Water Oxidation Electrocatalyst That Exhibits High Activity in Acid. <i>Angewandte Chemie</i> , 2021, 133, 1564-1569.	1.6	4
13	An Active-Site Sulfonate Group Creates a Fast Water Oxidation Electrocatalyst That Exhibits High Activity in Acid. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1540-1545.	7.2	10
14	Organophosphorus decorated lithium borate and phosphate salts with extended $\pi$ -conjugated backbone. <i>Dalton Transactions</i> , 2021, 50, 6667-6672.	1.6	3
15	Crystal structure of 2,2'-bis-[[2-(2-nitrobenzyl)azanediy]bis(propane-3,1-diyl)]bis[1 <i>H</i> -isoindole-1,3(2 <i>H</i> )-dione]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 83-85.	0.2	1
16	P-Alkynyl functionalized benzazaphospholes as transmetalating agents. <i>Dalton Transactions</i> , 2021, 50, 599-611.	1.6	2
17	Chiral tridentate bis(oxazol-2-ylimino) isoindoline-based pincer ligands: isolation and characterization via deligation from in situ prepared Cd-ligand complexes. <i>Dalton Transactions</i> , 2021, 50, 10041-10049.	1.6	0
18	Expedient Total Syntheses of Pladienolide-Derived Spliceosome Modulators. <i>Journal of the American Chemical Society</i> , 2021, 143, 4915-4920.	6.6	5

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19	A Well-Defined Isocyano Analogue of $\text{HCo}(\text{CO})_4$ : 3: Hydride Migration to Olefins, H-Atom Transfer and Reactivity toward Protic Sources. <i>Organometallics</i> , 2021, 40, 968-978.	1.1	2
20	Gold(III) Aryl Complexes as Reagents for Constructing Hybrid Peptide-Based Assemblies via Cysteine <i>S</i> -Arylation. <i>Inorganic Chemistry</i> , 2021, 60, 5054-5062.	1.9	21
21	Ligand Rearrangement Leads to Tetrahydrothiophene-Functionalized N,S-Heterocyclic Carbene Palladium(II) Complexes. <i>Organometallics</i> , 2021, 40, 2311-2319.	1.1	2
22	Remote Substituents as Potential Control Elements for the Solid-State Structures of Hypervalent Iodine(III) Compounds. <i>Inorganic Chemistry</i> , 2021, 60, 7865-7875.	1.9	5
23	Arene-Perfluoroarene Interactions in Solution. <i>Journal of Organic Chemistry</i> , 2021, 86, 8425-8436.	1.7	23
24	Palladium(II) Complexes of a Neutral CCC-Tris(N-heterocyclic carbene) Pincer Ligand: Synthesis and Catalytic Applications. <i>Organometallics</i> , 2021, 40, 2166-2177.	1.1	9
25	Synthesis, spectroscopy, and crystallography of mononuclear, five-coordinate aluminum complexes that act as cyclic ester polymerization initiators. <i>Polyhedron</i> , 2021, 204, 115233.	1.0	6
26	Tuning the Properties of Azadipyromethene-Based Near-Infrared Dyes Using Intramolecular BO Chelation and Peripheral Substitutions. <i>Inorganic Chemistry</i> , 2021, 60, 13320-13331.	1.9	11
27	Thiolate-Thione Redox-Active Ligand with a Six-Membered Chelate Ring via Template Condensation and Its Pt(II) Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 13376-13387.	1.9	1
28	Crystalline Hydrogen-Bonding Networks and Mixed-Metal Framework Materials Enabled by an Electronically Differentiated Heteroditopic Isocyanide/Carboxylate Linker Group. <i>Inorganic Chemistry</i> , 2021, 60, 12545-12554.	1.9	5
29	Hard-Soft Chemistry Design Principles for Predictive Assembly of Single Molecule-Metal Junctions. <i>Journal of the American Chemical Society</i> , 2021, 143, 16439-16447.	6.6	23
30	Comparison of {O,S}- vs {N,S}-donor ligands in PtNi heterobimetallic lantern complexes. <i>Polyhedron</i> , 2021, 208, 115403.	1.0	3
31	Trimerization and cyclization of reactive P-functionalities confined within OCO pincers. <i>RSC Advances</i> , 2021, 11, 28602-28613.	1.7	1
32	Low temperature structures and magnetic interactions in the organic-based ferromagnetic and metamagnetic polymorphs of decamethylferrocenium 7,7,8,8-tetracyano-p-quinodimethanide, $[\text{FeCp}^*_2]^{\text{TM}+}[\text{TCNQ}]^{\text{TM}\wedge-}$ . <i>Dalton Transactions</i> , 2021, 50, 11228-11242.	1.6	6
33	The Utilization of Para-Substituted Triphenylphosphine Derivatives to Synthesize Highly Emissive Cyclometalated Platinum(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4821.	1.0	6
34	2-Aryl-1,3-Benzoxaphospholes as Unwilling Participants for Catalytic Suzuki-Miyaura CC Coupling Reactions. <i>Organometallics</i> , 2021, 40, 3436-3444.	1.1	2
35	Configurational Lability at Tetrahedral Phosphorus: syn/anti Isomerization of a Stereogenic Phosphiranium Cation by Intramolecular Epimerization at Phosphorus. <i>Angewandte Chemie - International Edition</i> , 2021, , .	7.2	1
36	Icosahedral <i>m</i> -Carboranes Containing Exopolyhedral Ba-Se and Ba-Te Bonds. <i>Inorganic Chemistry</i> , 2021, 60, 19165-19174.	1.9	2

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37	Yb(III), Sm(III) and La(III) complexes of a tetradentate pyridoxal Schiff base ligand: Their DNA-binding activity and bio-imaging applications. <i>Polyhedron</i> , 2020, 175, 114167.	1.0	4
38	Influence of 2-Amino-4-methylpyridine and 2-Aminopyrimidine Ligands on the Malonic Acid-Cu(II) System: Insights through Supramolecular Interactions and Photoresponse Properties. <i>ACS Omega</i> , 2020, 5, 460-470.	1.6	7
39	Tolyporphins $\hat{R}$ : Unusual Tetrapyrroles from a <i>Brasilonema</i> sp. of Cyanobacterium. <i>Journal of Organic Chemistry</i> , 2020, 85, 318-326.	1.7	12
40	Strongly Coordinating Ligands To Form Weakly Coordinating Yet Functional Organometallic Anions. <i>Journal of the American Chemical Society</i> , 2020, 142, 251-256.	6.6	27
41	An Organometallic Strategy for Assembling Atomically Precise Hybrid Nanomaterials. <i>Journal of the American Chemical Society</i> , 2020, 142, 327-334.	6.6	55
42	Synthesis, Structure, Dynamics, and Enantioface-Selective $\hat{3}$ -Benzyl Coordination in the Chiral Rhodium Complexes Rh(diphos*)( $\hat{3}$ -CH <sub>2</sub> Ph). <i>Organometallics</i> , 2020, 39, 3802-3816.	1.1	3
43	A serendipitous isolation of cocrystallized platinum-tin complexes: synthesis, structure and theoretical exploration. <i>New Journal of Chemistry</i> , 2020, 44, 20945-20955.	1.4	1
44	Expanding the Scope of Palladium-Catalyzed $\hat{N}$ Cross-Coupling Chemistry in Carboranes. <i>Organometallics</i> , 2020, 39, 4380-4386.	1.1	18
45	Large Non-planar Conjugated Molecule with Strong Intermolecular Interactions Achieved with Homoleptic Zn(II) Complex of Di(5-quinolylolethynyl)-tetraphenylazadiopyromethene. <i>ACS Omega</i> , 2020, 5, 31467-31472.	1.6	0
46	Carborane Guests for Cucurbit[7]uril Facilitate Strong Binding and On-Demand Removal. <i>Journal of the American Chemical Society</i> , 2020, 142, 20513-20518.	6.6	28
47	A $\hat{N}$ Cycloplatinated(II) Fluoride Complex: Photophysical Studies and $\hat{F}$ Bond Formation. <i>Inorganic Chemistry</i> , 2020, 59, 16319-16327.	1.9	17
48	Preparation, absorption spectra, and electrochemistry of the trigermanes R <sub>3</sub> GeGePh <sub>2</sub> GeR <sub>3</sub> (R <sub>3</sub> $\hat{A}$ = $\hat{A}$ Bu Me <sub>2</sub> ), Tj ETQq <sub>0</sub> 0 0 rgBT /Overloc 2020, 925, 121467.	0.8	2
49	Synthetic Factors Governing Access to Tris( $\hat{2}$ -diketimine) Cyclophanes versus Tripodal Tri- $\hat{2}$ -aminoenones. <i>Journal of Organic Chemistry</i> , 2020, 85, 13579-13588.	1.7	0
50	Reversible PCET and Ambient Catalytic Oxidative Alcohol Dehydrogenation by {V=O} Perfluoropinacolate Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 16500-16513.	1.9	6
51	Probing for Four-Coordinate Zerovalent Iron in a $\hat{E}$ -Acidic Ligand Field: A Functional Source of FeL <sub>4</sub> Enabled by Labile Dinitrogen Binding. <i>Organometallics</i> , 2020, 39, 3394-3402.	1.1	3
52	Fluorous Soluble Cyanine Dyes for Visualizing Perfluorocarbons in Living Systems. <i>Journal of the American Chemical Society</i> , 2020, 142, 16072-16081.	6.6	47
53	Heterotrimetallic {LnOVPt} complexes with antiferromagnetic Ln $\hat{V}$ coupling and magnetic memory. <i>Chemical Communications</i> , 2020, 56, 11062-11065.	2.2	4
54	Aqueous Stability and Ligand Substitution of a Layered Cu(I)/Isocyanide-Based Organometallic Network Material with a Well-Defined Channel Structure. <i>Inorganic Chemistry</i> , 2020, 59, 11868-11878.	1.9	8

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55	Verrucosamide, a Cytotoxic 1,4-Thiazepane-Containing Thiodepsipeptide from a Marine-Derived Actinomycete. <i>Marine Drugs</i> , 2020, 18, 549.	2.2	6
56	Transition-Metal Catalysis of Triene $\delta^{\text{II}}$ Electrocyclization: The $\delta^{\text{II}}$ -Complexation Strategy Realized. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17958-17965.	7.2	13
57	Structure-Property Study of Homoleptic Zinc(II) Complexes of Di(arylethynyl) Azadipyrromethene as Nonfullerene Acceptors for Organic Photovoltaics: Effect of the Aryl Group. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8541-8549.	1.5	7
58	Investigation into the Organobismuth Dismutation and Its Use for Rational Synthesis of Heteroleptic Triarylbi-muthanes, $\text{Ar}^1\text{Ar}^2\text{Bi}$ . <i>Organometallics</i> , 2020, 39, 778-782.	1.1	18
59	Synthesis of Anhydroryanodol. <i>Journal of the American Chemical Society</i> , 2020, 142, 12937-12941.	6.6	9
60	Luminescence of Lanthanide Complexes with Perfluorinated Alkoxide Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 9807-9823.	1.9	9
61	Transition-Metal Catalysis of Triene $\delta^{\text{II}}$ Electrocyclization: The $\delta^{\text{II}}$ -Complexation Strategy Realized. <i>Angewandte Chemie</i> , 2020, 132, 18114-18121.	1.6	0
62	Diastereoselective Synthesis of P-Stereogenic Secondary Phosphine Oxides (SPOs) Bearing a Chiral Substituent by Ring Opening of (+)-Limonene Oxide with Primary Phosphido Nucleophiles. <i>Journal of Organic Chemistry</i> , 2020, 85, 14516-14526.	1.7	8
63	Oxidative Generation of Boron-Centered Radicals in Carboranes. <i>Journal of the American Chemical Society</i> , 2020, 142, 4586-4591.	6.6	42
64	Base-free transfer hydrogenation of aryl-ketones, alkyl-ketones and alkenones catalyzed by an Ir(III)Cp* complex bearing a triazenide ligand functionalized with pyrazole. <i>Inorganica Chimica Acta</i> , 2020, 507, 119551.	1.2	5
65	Phosphine ligands as protecting groups for 3d complexes in oxidation by O <sub>2</sub> . <i>Polyhedron</i> , 2020, 186, 114609.	1.0	4
66	Formation of monomeric Sn(II) and Sn(IV) perfluoropinacolate complexes and their characterization by $^{119}\text{Sn}$ NMR spectroscopies. <i>Dalton Transactions</i> , 2020, 49, 13773-13785.	1.6	8
67	Oligomerization of Silyl Ketene: Favoring Chain Extension over Backbiting. <i>Macromolecules</i> , 2019, 52, 6126-6134.	2.2	1
68	Dianionic Mononuclear CycloP <sub>4</sub> Complexes of Zero-Valent Molybdenum: Coordination of the CycloP <sub>4</sub> Dianion in the Absence of Intramolecular Charge Transfer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15329-15333.	7.2	17
69	Dianionic Mononuclear CycloP <sub>4</sub> Complexes of Zero-Valent Molybdenum: Coordination of the CycloP <sub>4</sub> Dianion in the Absence of Intramolecular Charge Transfer. <i>Angewandte Chemie</i> , 2019, 131, 15473-15477.	1.6	8
70	Off-Cycle Processes in Pd-Catalyzed Cross-Coupling of Carboranes. <i>Organic Process Research and Development</i> , 2019, 23, 1638-1645.	1.3	33
71	<i>E</i> -Selective Synthesis and Coordination Chemistry of Pyridine-Phosphaalkenes: Five Ligands Produce Four Distinct Types of Ru(II) Complexes. <i>Organometallics</i> , 2019, 38, 3338-3348.	1.1	6
72	Studies Targeting Ryanodol Result in an Annulation Reaction for the Synthesis of a Variety of Fused Carbocycles. <i>Organic Letters</i> , 2019, 21, 6126-6129.	2.4	6

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73	Dynamic $\pi$ -Bonding of Imidazolyl Substituent in a Formally 16-Electron $\text{Cp}^*\text{Ru}(\text{P})_2(\text{N})$ Catalyst Allows Dramatic Rate Increases in $\text{E}$ -Selective Monoisomerization of Alkenes. <i>ACS Catalysis</i> , 2019, 9, 7217-7231.	5.5	24
74	Concomitant Polymorphism in an Organic Solid: Molecular and Crystal Structure and Intra- and Intermolecular Potential Contributions to tert -Butyl and Methyl Group Rotation. <i>ChemPhysChem</i> , 2019, 20, 2887-2894.	1.0	3
75	Side-On Coordination of Nitrous Oxide to a Mononuclear Cobalt Center. <i>Journal of the American Chemical Society</i> , 2019, 141, 15003-15007.	6.6	22
76	Sterically Unprotected Nucleophilic Boron Cluster Reagents. <i>CheM</i> , 2019, 5, 2461-2469.	5.8	20
77	Acid-Induced Liberation of Polysubstituted Cyclopentadiene Ligands from Cyclopentadienyl Cobalt: A [2 + 2 + 1] Cycloaddition Route toward 1,2,4-Trisubstituted Cyclopentadienes. <i>Journal of Organic Chemistry</i> , 2019, 84, 13992-14004.	1.7	1
78	Hydroxyl-functionalized triazolylidene-based PEPPSI complexes: metallacycle formation effect on the Suzuki coupling reaction. <i>Dalton Transactions</i> , 2019, 48, 3214-3222.	1.6	25
79	Synthesis, structure, docking and cytotoxic studies of ferrocene-hormone conjugates for hormone-dependent breast cancer application. <i>Dalton Transactions</i> , 2019, 48, 5952-5964.	1.6	18
80	Mechanochemically directed metathesis in group 2 chemistry: calcium amide formation without solvent. <i>Chemical Communications</i> , 2019, 55, 2202-2205.	2.2	18
81	Diastereoselective Coordination of P-Stereogenic Secondary Phosphines in Copper(I) Chiral Bis(phosphine) Complexes: Structure, Dynamics, and Generation of Phosphido Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 8854-8865.	1.9	12
82	Three Ways Isolable Carbenes Can Modulate Emission of NH-Containing Fluorophores. <i>Journal of the American Chemical Society</i> , 2019, 141, 12055-12063.	6.6	13
83	Photooxidative Generation of Dodecaborate-Based Weakly Coordinating Anions. <i>Inorganic Chemistry</i> , 2019, 58, 10516-10526.	1.9	7
84	Heterobimetallic {PtMn} and {PtFe} lantern complexes with exceptionally long metallophilic contacts. <i>Inorganica Chimica Acta</i> , 2019, 493, 81-90.	1.2	8
85	Synthesis of C14-Desmethylene Corialactone D and Discovery of Inhibitors of Nerve Growth Factor Mediated Neurite Outgrowth. <i>Organic Letters</i> , 2019, 21, 3193-3197.	2.4	14
86	Probing non-covalent interactions driving molecular assembly in organo-electronic building blocks. <i>CrystEngComm</i> , 2019, 21, 3151-3157.	1.3	11
87	An Inhospitable Cryptand: The Importance of Conformational Freedom in Host-Guest Complexation. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3472-3479.	1.2	2
88	Terminal coordination of diatomic boron monofluoride to iron. <i>Science</i> , 2019, 363, 1203-1205.	6.0	50
89	$\text{Rh}(\text{III})\text{Cp}^*$ and $\text{Ir}(\text{III})\text{Cp}^*$ Complexes of 1-[(4-Methylphenyl)-3-[(2-methyl-4-imidazol-1-yl)triazene] (R = -Bu or H): Synthesis, Structure, and Catalytic Activity. <i>Organometallics</i> , 2019, 38, 844-851.	1.1	12
90	Synthesis, crystal structure, Hirshfeld Surface analysis, and DFT studies of 16-ferrocenyldiene-17 $\beta$ -estra-1,3,5-triene-3,17-diol: Towards the application of ferrocene-hormone conjugates to target hormone dependent breast cancer. <i>Journal of Molecular Structure</i> , 2019, 1184, 382-388.	1.8	4

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91	Carborane RAFT agents as tunable and functional molecular probes for polymer materials. <i>Polymer Chemistry</i> , 2019, 10, 1660-1667.	1.9	14
92	A Raman Spectroscopic and Computational Study of New Aromatic Pyrimidine-Based Halogen Bond Acceptors. <i>Inorganics</i> , 2019, 7, 119.	1.2	6
93	A zinc(II) complex of di(naphthylethynyl)azadipyrromethene with low synthetic complexity leads to OPV with high industrial accessibility. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24614-24625.	5.2	11
94	Associative Ligand Exchange and Substrate Activation Reactions by a Zero-Valent Cobalt Tetracyanide Complex. <i>Organometallics</i> , 2019, 38, 1436-1444.	1.1	24
95	X-ray crystallography and electrochemistry reveal electronic and steric effects of phosphine and phosphite ligands in complexes $\text{Ru}(\text{I}^{\text{4-bda}})(\text{PR}_3)_2$ and $\text{Ru}(\text{I}^{\text{3-bda}})(\text{PR}_3)_3$ (bda = 2,2'-bipyridine-6,6'-dicarboxylato). <i>Polyhedron</i> , 2019, 161, 63-70.	1.0	6
96	Total Synthesis of Tryprostatin B: Synthesis and Asymmetric Phase-Transfer-Catalyzed Reaction of Prenylated Gramine Salt. <i>Organic Letters</i> , 2019, 21, 134-137.	2.4	16
97	Structural Data Showing the Existence of LDI Bonds between the Rings of Dimeric Cofacial Siloxysilicon Phthalocyanines. <i>Journal of Physical Chemistry A</i> , 2019, 123, 471-481.	1.1	1
98	Photolytic Reductive Elimination of White Phosphorus from a Mononuclear $\text{CycloP}_4$ Transition Metal Complex. <i>Angewandte Chemie</i> , 2019, 131, 1793-1797.	1.6	6
99	Photolytic Reductive Elimination of White Phosphorus from a Mononuclear $\text{CycloP}_4$ Transition Metal Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1779-1783.	7.2	19
100	Improved synthesis of icosahedral carboranes containing exopolyhedral B-C and C-C bonds. <i>Tetrahedron</i> , 2019, 75, 187-191.	1.0	30
101	Ring opening polymerization and copolymerization of $\epsilon$ -lactide and $\epsilon$ -caprolactone by $\text{bis}(\text{ligated magnesium complexes})$ . <i>Journal of Polymer Science Part A</i> , 2019, 57, 48-59.	2.5	25
102	Crystal structure of memantine-carboxyborane. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 543-546.	0.2	1
103	[Oxybis(ethane-1,2-diyl)]bis(dimethylammonium) octamolybdate dihydrate. <i>IUCrData</i> , 2019, 4, .	0.1	0
104	Inversion of Configuration at the Phosphorus Nucleophile in the Diastereoselective and Enantioselective Synthesis of $\text{P}^{\text{Stereogenic syn}}\text{-Phosphiranes}$ from Chiral Epoxides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5047-5051.	7.2	21
105	Synthesis and Structure of Metal Complexes of P-Stereogenic Chiral Phosphiranes: An EDA-NOCV Analysis of the Donor-Acceptor Properties of Phosphirane Ligands. <i>Organometallics</i> , 2018, 37, 1473-1482.	1.1	10
106	Regioselective Formation of $\text{C}^{\text{Vinyl}}\text{-Stannanes}$ with a Topologically Controlled Molybdenum-Based Alkyne Hydrostannation Catalyst. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6853-6857.	7.2	22
107	Synthesis and Characterization of Structurally Diverse Alkaline-Earth Salen Compounds for Subterranean Fluid Flow Tracking. <i>Inorganic Chemistry</i> , 2018, 57, 2402-2415.	1.9	23
108	Electrocatalytic $\text{H}_2\text{O}$ Reduction with f-Elements: Mechanistic Insight and Overpotential Tuning in a Series of Lanthanide Complexes. <i>Journal of the American Chemical Society</i> , 2018, 140, 2587-2594.	6.6	35

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109	Buchwald's Hartwig amination using Pd dimer precatalysts supported by biaryl phosphine ligands. Dalton Transactions, 2018, 47, 3684-3688.	1.6	22
110	Pseudocryptand Hosts for Paraquats and Diquats. Journal of Organic Chemistry, 2018, 83, 823-834.	1.7	12
111	Regioselective Formation of Vinylstannanes with a Topologically Controlled Molybdenum-Based Alkyne Hydrostannation Catalyst. Angewandte Chemie, 2018, 130, 6969-6973.	1.6	8
112	Note: Methyl and t-butyl group rotation in van der Waals solids. Journal of Chemical Physics, 2018, 148, 106101.	1.2	0
113	Controlled Expansion of a Strong-Field Iron Nitride Cluster: Multi-Site Ligand Substitution as a Strategy for Activating Interstitial Nitride Nucleophilicity. Angewandte Chemie - International Edition, 2018, 57, 13057-13061.	7.2	6
114	Systematic Experimental and Computational Studies of Substitution and Hybridization Effects in Solid-State Halogen Bonded Assemblies. Crystal Growth and Design, 2018, 18, 3244-3254.	1.4	20
115	Synthesis and structures of aluminum ion-pair complexes that act as L- and racemic-lactide ring opening polymerization initiators. Polyhedron, 2018, 147, 94-105.	1.0	10
116	Inversion of Configuration at the Phosphorus Nucleophile in the Diastereoselective and Enantioselective Synthesis of Stereogenic syn-Phosphiranes from Chiral Epoxides. Angewandte Chemie, 2018, 130, 5141-5145.	1.6	2
117	Unprecedented anticancer activities of organorhenium sulfonato and carboxylato complexes against hormone-dependent MCF-7 and hormone-independent triple-negative MDA-MB-231 breast cancer cells. Molecular and Cellular Biochemistry, 2018, 441, 151-163.	1.4	27
118	Structures of a Complex Hydrazinium Lead Iodide, $(N_2H_5)_5Pb_3I_{21}$ , Possessing $[Pb_2I_9]^{5+}$ , $[Pb_6I_4]^{4+}$ , and $I^{1-}$ Ions and $I_2^{2-}$ $(N_2H_5)_5Pb_3I_{21}$ . Chemistry - A European Journal, 2018, 24, 222-229.	1.7	19
119	An isolable magnesium diphosphaethynolate complex. Dalton Transactions, 2018, 47, 666-669.	1.6	19
120	Electrocatalytic Reduction of Dioxygen to Hydrogen Peroxide by a Molecular Manganese Complex with a Bipyridine-Containing Schiff Base Ligand. Journal of the American Chemical Society, 2018, 140, 3232-3241.	6.6	56
121	Synthesis, structure, and magnetic properties of the trans-difluoro-bis-phenoxo-bridged iron(III) complex $FelI_2(BBPA)_2F_2$ ( $H_2BBPA = N,N$ -bis(2-hydroxybenzyl)-N-(2-pyridylmethyl)amine). Polyhedron, 2018, 139, 267-270.	1.0	5
122	Seven-coordinate tetraoxolate complexes. Polyhedron, 2018, 139, 215-221.	1.0	8
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126	Using Diamagnetic Yttrium and Lanthanum Complexes to Explore Ligand Reduction and C-H Bond Activation in a Tris(aryloxide)mesitylene Ligand System. Inorganic Chemistry, 2018, 57, 12876-12884.	1.9	15



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128	Solvent-Controlled, Site-Selective N-Alkylation Reactions of Azolo-Fused Ring Heterocycles at N1-, N2-, and N3-Positions, Including Pyrazolo[3,4-d]pyrimidines, Purines, [1,2,3]Triazolo[4,5]pyridines, and Related Deaza-Compounds. <i>Journal of Organic Chemistry</i> , 2018, 83, 6334-6353.	1.7	15
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132	Turn on ESIPT based chemosensor for histidine: Application in urine analysis and live cell imaging. <i>Inorganica Chimica Acta</i> , 2018, 482, 292-298.	1.2	13
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144	Chiral Bis(Phospholane) PCP Pincer Complexes: Synthesis, Structure, and Nickel-Catalyzed Asymmetric Phosphine Alkylation. <i>Organometallics</i> , 2018, 37, 2159-2166.	1.1	21

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159	Oxidative <sup>+</sup> Insertion Reactivity Across a Geometrically Constrained Metal <sup>+</sup> Borane Interaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7195-7199.	7.2	22
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175	Designing bifunctional alkene isomerization catalysts using predictive modelling. <i>Catalysis Science and Technology</i> , 2017, 7, 4842-4851.	2.1	12
176	Tungsten pentacarbonyl complexes of 1,3-benzoxaphospholes. <i>Journal of Organometallic Chemistry</i> , 2017, 851, 9-13.	0.8	4
177	Terminal Iron Carbyne Complexes Derived from Arrested $CO_2$ Reductive Disproportionation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10894-10899.	7.2	30
178	Terminal Iron Carbyne Complexes Derived from Arrested $CO_2$ Reductive Disproportionation. <i>Angewandte Chemie</i> , 2017, 129, 11034-11039.	1.6	3
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183	Reactivity studies of pincer bis-protic N-heterocyclic carbene complexes of platinum and palladium under basic conditions. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 1334-1339.	1.3	11
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186	<sup>1</sup> H and <sup>19</sup> F spin-lattice relaxation and CH <sub>3</sub> or CF <sub>3</sub> reorientation in molecular solids containing both H and F atoms. <i>Journal of Chemical Physics</i> , 2016, 144, 154308.	1.2	7
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189	A Series of isopropyl-Substituted Oligogermanes Pr <sup>i</sup> <sub>3</sub> Ge(GePh <sub>2</sub> ) <sub>n</sub> GePr <sup>i</sup> <sub>3</sub> ( <i>n</i> = 0–3) Featuring a Luminescent and Dichroic Pentagermane Pr <sup>i</sup> <sub>3</sub> Ge(GePh <sub>2</sub> ) <sub>3</sub> GePr <sup>i</sup> <sub>3</sub> . <i>Organometallics</i> , 2016, 35, 3240-3247.	1.1	22
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357	$N$ -(4-Fluorobenzoyl)- $N,N$ -diisopropylphosphoric triamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3406-o3407.	0.2	0
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363	Naphthoxaphospholes as examples of fluorescent phospho-acenes. <i>Dalton Transactions</i> , 2012, 41, 12016.	1.6	32
364	Synthesis, Cu(II) complexation, <sup>64</sup> Cu-labeling and biological evaluation of cross-bridged cyclam chelators with phosphonate pendant arms. <i>Dalton Transactions</i> , 2012, 41, 1938-1950.	1.6	95
365	Electronic structures of methylated azaferrocenes and their borane adducts: Photoelectron spectroscopy and electronic structure calculations. <i>Dalton Transactions</i> , 2012, 41, 3675.	1.6	6
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1198	New Princtinogallanes [H <sub>2</sub> GaE(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> (E= P, As)Formation, Structural Characterization, and Thermal Decomposition to Afford Nanocrystalline GaP and GaAs. <i>Journal of the American Chemical Society</i> , 1998, 120, 532-537.	6.6	76
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1372	Diacetylene-bridged clusters: Synthesis and characterization of (CO) <sub>6</sub> Fe <sub>2</sub> Se <sub>2</sub> {1/4-HCî-»C(Cî-1/4CR)},		

#	ARTICLE	IF	CITATIONS
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1389	A $\text{Co}_3$ Complex Containing a Bent Trimetal Chain, and Other 1,1'-Ferrocenedithiolato Complexes. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 656-657.	4.4	14
1390	The First Sulfur(VI)-Nitrogen-Phosphorus Macrocycles. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 998-1001.	4.4	33
1391	Synthesis and Structure of a Free Germacyclopentadienide Ion: $[\text{Li}(\text{[12]crown-4})_2][\text{C}_4\text{Me}_4\text{GeSi}(\text{SiMe}_3)_3]$ . <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1887-1890.	4.4	57
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1393	An Unconventional Intermolecular Three-Center $\text{H} \cdot \text{H} \cdot \text{H}_2\text{Re}$ Hydrogen Bond in Crystalline $[\text{ReH}_5(\text{PPh}_3)_3] \cdot \text{indole} \cdot \text{C}_6\text{H}_6$ . <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2507-2509.	4.4	195
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1396	Unusually strong intramolecular magnetic coupling in a chromium hydride cluster. <i>Nature</i> , 1995, 378, 359-362.	13.7	40
1397	The double insertion of <i>t</i> -butyl isocyanide by tris(tetramethylcyclopentadienyl) aluminum to form. <i>Polyhedron</i> , 1995, 14, 203-209.	1.0	27
1398	Synthesis, structure and dynamic studies on base-stabilized silylene complexes. <i>Polyhedron</i> , 1995, 14, 127-148.	1.0	51
1399	Solvent-Dependent Ester Elimination and Ligand Exchange Reactions between Trimethylsilyl Acetate and Tin(IV) Tetra- <i>tert</i> -Butoxide. <i>Inorganic Chemistry</i> , 1995, 34, 449-453.	1.9	29
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1410	Can Spin State Change Slow Organometallic Reactions?. Journal of the American Chemical Society, 1995, 117, 11745-11748.	6.6	86
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1421	An Organoimido Derivative of the Hexatungstate Cluster: Preparation and Structure of [W <sub>6</sub> O <sub>18</sub> (NAr)] <sup>2-</sup> (Ar = 2,6-(i-Pr) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ). Inorganic Chemistry, 1995, 34, 9-10.	1.9	57
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1425	Ester elimination versus ligand exchange: the role of the solvent in tin-oxo cluster-building reactions. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 157-158.	2.0	32
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1467	$[(\eta^5\text{-C}_5\text{R}_5)\text{CrR}]_n$ : A New Class of Paramagnetic Alkyls and Hydrides of Divalent Chromium. <i>Journal of the American Chemical Society</i> , 1994, 116, 11387-11396.	6.6	82
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1472	Decamercuration of Ruthenocene. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1161-1163.	4.4	24
1473	The Behavior of $\text{Cp}^*\text{MoBr}/\text{Br}_2$ Redox Systems: The Unusual Structure of $[(\text{Cp}^*_2\text{Mo}_2\text{Br}_4)_2(\text{Cp}^*\text{MoBr}_4)_3]$ , a Compound Containing Mo(III), Mo(IV), and Mo(V). <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1486-1488.	4.4	13
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1479	Investigation of molecular motion by variable temperature <sup>1</sup> H NMR of the bis(quadridentate)zirconium(IV) complexes bis(N,N'-disalicylidene-cis-1,2-diaminocyclohexanato)zirconium(IV) and bis(N,N'-disalicylidene-trans-1,2-diaminocyclohexanato)zirconium(IV), and comparisons with bis(N,N'-disalicylidene-1,2-phenylenediaminato)zirconium(IV). Crystal and molecular structure of the racemic Zr(trans-dsd) <sub>2</sub> and Zr(S,S-trans-dsd) <sub>2</sub> complexes. <i>Inorganica Chimica Acta</i> , 1993, 207, 147-163.	1.2	19
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1483	Synthesis, characterization, and crystal structure of the chromium complex (.eta. <sup>5</sup> -C <sub>5</sub> Ph <sub>5</sub> )Cr(CO) <sub>3</sub> radical. <i>Organometallics</i> , 1993, 12, 116-123.	1.1	43
1484	Demetallation of a dimolybdenum cyclotetraphosphoxane cage complex and the syntheses of heterobimetallic cages. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 35.	2.0	11
1485	Triphenylphosphine-substituted triruthenaborane clusters: a route to [Ru <sub>3</sub> (CO) <sub>9</sub> (PPh <sub>3</sub> ) <sub>x</sub> BH <sub>5</sub> ](x=) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 67 Td</i> [Ru <sub>3</sub> (CO) <sub>6</sub> (PPh <sub>3</sub> ) <sub>3</sub> BH <sub>5</sub> ]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 2727-2734.	1.1	17
1486	Stereoselective rhodium-promoted ring closure of an .eta. <sup>4</sup> -1,3-pentadienediyl ligand to an .eta. <sup>4</sup> -1,3-cyclopentadiene, with subsequent regiospecific endo-H migration: molecular structure of	1.1	17
1487	Syntheses, characterization, and structural studies of Lewis base adducts of half-open vanadocenes, V(C <sub>5</sub> H <sub>5</sub> )(Pdl)(L). <i>Organometallics</i> , 1993, 12, 1553-1558.	1.1	34
1488	Reactions of carbon monoxide with phosphine adducts of Nb(2,4-C <sub>7</sub> H <sub>11</sub> ) <sub>2</sub> : spontaneous reduction of niobium(I) complexes. <i>Organometallics</i> , 1993, 12, 4161-4166.	1.1	16
1489	A class of single-source precursors to titanium disulfide films. Synthesis, structure, and chemical vapor deposition studies of [TiCl <sub>4</sub> (HSR) <sub>2</sub> ]. <i>Inorganic Chemistry</i> , 1993, 32, 3807-3808.	1.9	41
1490	Synthesis and structure of a transition-metal-substituted silylene complex, (CO) <sub>4</sub> OSi(STol-p)[Ru(.eta. <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> )(PMe <sub>3</sub> ) <sub>2</sub> ]. <i>Journal of the American Chemical Society</i> , 1993, 115, 358-360.	6.6	73
1491	Synthesis of 2-transition-metal-substituted 1,3-butadienyl complexes with unusual structures and facile Diels-Alder reactions of cobalt 1,3-butadiene complexes. <i>Organometallics</i> , 1993, 12, 998-1000.	1.1	35
1492	Trigonal-prismatic and octahedral hexaruthenium boride clusters: molecular structures of [N(PPh <sub>3</sub> ) <sub>2</sub> ][Ru <sub>6</sub> H <sub>2</sub> (CO) <sub>18</sub> B], [Ru <sub>6</sub> (CO) <sub>17</sub> B{AuP(C <sub>6</sub> H <sub>4</sub> Me-2) <sub>3</sub> }], [Ru <sub>6</sub> H(CO) <sub>16</sub> B{Au(PPh <sub>3</sub> ) <sub>2</sub> } <sub>2</sub> ] and [Ru <sub>6</sub> (CO) <sub>16</sub> B{Au(PPh <sub>3</sub> ) <sub>3</sub> } <sub>3</sub> ]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 3059.	1.1	23
1493	Oxygen-atom transfer from nitrous oxide to a nickel metallacycle. Synthesis, structure, and reactions of [cyclic] (2,2'-bipyridine)Ni(OCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> ). <i>Journal of the American Chemical Society</i> , 1993, 115, 2075-2077.	6.6	177
1494	Syntheses, properties, and x-ray crystal structures of 17-electron, tris(pyrazolyl)borate compounds of the types TpM(CO) <sub>2</sub> L, Tp*M(CO) <sub>2</sub> L, and Tp'M(CO) <sub>2</sub> L (M = chromium, molybdenum; Tp =) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td</i> compound TpMo(CO) <sub>3</sub> CH <sub>2</sub> CN. <i>Organometallics</i> , 1993, 12, 4402-4412.	1.1	33

#	ARTICLE	IF	CITATIONS
1495	Hydrotris(3-mesitylpyrazol-1-yl)borate and hydrobis(3-mesitylpyrazol-1-yl)(5-mesitylpyrazol-1-yl)borate: symmetric and asymmetric ligands with rotationally restricted aryl substituents. <i>Inorganic Chemistry</i> , 1993, 32, 3471-3477.	1.9	100
1496	A Fischer-type silylene complex of platinum: [trans-(Cy3P)2(H)Pt:Si(SeT)2]BPh4. <i>Journal of the American Chemical Society</i> , 1993, 115, 7884-7885.	6.6	120
1497	Transition-metal chemistry of hexafluoroisobutadiene: Facile hydrolysis of (hexafluoro-1-metalla-3-cyclopentene)rhodium complexes to give tetrafluoro-1-metalla-3-cyclopenten-2-one and tetrafluoro-1-metalla-2-cyclopenten-4-one complexes. Crystal and molecular structures of trans-[cyclo] [(RhCF2CF:CFCO)Cl(PPh3)2], mer-[cyclo] [(RhCF2CF:CFCF2)Cl(PMe3)3], and mer-[cyclo] [(RhCF:CFCOCF2)Cl(PMe3)3]. <i>Organometallics</i> , 1993, 12, 3109-3117.	1.1	30
1498	.alpha.-Carbon-hydrogen and .alpha.'-carbon-carbon bond cleavage in an iridacyclohexadiene. Interchange of .alpha.-hydrogen and .alpha.'-phenyl substituents without accompanying skeletal rearrangement. <i>Journal of the American Chemical Society</i> , 1993, 115, 1583-1585.	6.6	24
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1500	Syntheses, structures, 113Cd solution NMR chemical shifts, and investigations of fluxional processes of bis[poly(pyrazolyl)borato]cadmium complexes. <i>Inorganic Chemistry</i> , 1993, 32, 5216-5222.	1.9	54
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1502	Ligand conformational changes affecting 5T2 .fwdarw. 1A1 intersystem crossing in a ferrous complex. <i>Journal of the American Chemical Society</i> , 1993, 115, 1797-1804.	6.6	42
1503	Preparation, characterization, and reactions of the first parent acetylene Fischer carbene complexes. <i>Organometallics</i> , 1993, 12, 597-599.	1.1	50
1504	Selenium-bridged clusters. Synthesis and structural characterization of molybdenum-iron-selenium cluster Cp2Mo2Fe2(.mu.4-Se)(.mu.3-Se)2(CO)6. <i>Organometallics</i> , 1993, 12, 5029-5031.	1.1	20
1505	Intramolecular reactions of Fischer Carbene complexes with alkynes and a mechanistic study of the interception of reactive intermediates with added acetylenes. <i>Journal of the American Chemical Society</i> , 1993, 115, 10671-10687.	6.6	44
1506	Vaulted biaryls as chiral ligands for asymmetric catalytic Diels-Alder reactions. <i>Journal of the American Chemical Society</i> , 1993, 115, 3814-3815.	6.6	152
1507	Another rule-breaker. Characterization of the unusual cobalt carbonyl borane Co5(CO)13(.mu.-CO)B2H. <i>Journal of the American Chemical Society</i> , 1993, 115, 4393-4394.	6.6	17
1508	Sulfurization and Selenization of the Halfsandwich Nitrosylmetal Complexes Cp*M(CO)2NO (M = Cr, Mo) and Cp*M(NO)I2 (M = Mo, W). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1993, 48, 1488-1498.	0.3	7
1509	Binuclear Fulvalene and Bis(cyclopentadienyl)methane Halfsandwich Complexes of Manganese and Rhenium Containing Tetrahydrothiophene Ligands. X-Ray Structure Analysis of {(CO)2Mn[C5H4-C5H4]Mn(CO)2}(1/4-SC4H8). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1993, 48, 161-170.	0.3	7
1510	Pentamethylcyclopentadienyl Halfsandwich Complexes of Rhodium and Iridium Containing 1,1'-Ferrocene Dichalcogenido Ligands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1992, 47, 1091-1098.	0.3	23
1511	The first trigonal prismatic discrete transition-metal boride cluster: preparation and molecular structure of [PPN][Ru6(H)2(CO)18B][PPN=(Ph3P)2N+]. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 842.	2.0	18
1512	Boride cluster fusion via an M4-unit (M = Cu or Ag): molecular structure of [ppn][{Ru4H(CO)12B}2Cu4(μ-Cl)[Cl][ppn=(PPh3)2N]. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, .	2.0	16

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1513	Metal fragment addition and substitution reactions of [Ru <sub>3</sub> (CO) <sub>9</sub> BH <sub>5</sub> ] and [Ru <sub>3</sub> H(CO) <sub>9</sub> (B <sub>2</sub> H <sub>5</sub> )]: molecular structures of [WRu <sub>3</sub> (cp)H(CO) <sub>11</sub> (BH)] and [MoRu <sub>3</sub> (cp)H <sub>3</sub> (CO) <sub>11</sub> ](cp = <i>i</i> -C <sub>5</sub> H <sub>5</sub> ). <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2855-2864.	1.1	19
1514	Preparation and properties of (S,S)-[Ti((R,R)-cyclacene)Cl <sub>2</sub> ], a chiral strapped bent metallocene. <i>Organometallics</i> , 1992, 11, 2812-2816.	1.1	40
1515	Synthesis and characterization of the neutral lanthanide silyl complexes (η <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> LnSiH(SiMe <sub>3</sub> ) <sub>2</sub> (Ln = Nd, Sm). <i>Journal of the American Chemical Society</i> , 1992, 114, 8293-8295.	6.6	71
1516	Ring fusion and polycyclic ring constructions via half-open titanocenes. <i>Journal of the American Chemical Society</i> , 1992, 114, 6252-6254.	6.6	48
1517	Synthesis and characterization of the new mixed-metal cluster complexes [Fe <sub>2</sub> M(μ <sub>3</sub> -E) <sub>2</sub> (CO) <sub>10</sub> ] (M = Tj) <i>ETQq1 1 0.784314 rgBT / Ov</i> <i>Inorganic Chemistry</i> , 1992, 31, 1106-1108.	1.9	79
1518	Half-open titanocene chemistry: coupling reactions of pentadienyl ligands with carbon-nitrogen and carbon-oxygen multiple bonds. <i>Organometallics</i> , 1992, 11, 3201-3209.	1.1	25
1519	A heptaruthenium carbonyl cluster: synthesis and structural characterization of [PPN][HRu <sub>7</sub> (CO) <sub>20</sub> ]. <i>Inorganic Chemistry</i> , 1992, 31, 4023-4025.	1.9	16
1520	Oxo-alkyls of chromium(V) and chromium(VI). <i>Journal of the American Chemical Society</i> , 1992, 114, 1892-1893.	6.6	56
1521	A polyoxometalate incorporating an organoimido ligand: preparation and structure of [Mo <sub>5</sub> O <sub>18</sub> (MoNC <sub>6</sub> H <sub>4</sub> CH <sub>3</sub> ) <sub>2</sub> ] <sup>2-</sup> . <i>Journal of the American Chemical Society</i> , 1992, 114, 345-346.	6.6	156
1522	Control of structure in lead(II) complexes using poly(pyrazolyl)borate ligands. Stereochemically inactive lone pair in octahedral [HB(3,5-Me <sub>2</sub> pz) <sub>3</sub> ] <sub>2</sub> Pb (pz = pyrazolyl ring). <i>Journal of the American Chemical Society</i> , 1992, 114, 579-584.	6.6	97
1523	Ru <sub>5</sub> (CO) <sub>15</sub> B(AuPPh <sub>3</sub> ): a novel boride cluster formed by the degradation of Ru <sub>6</sub> (CO) <sub>17</sub> B(AuPPh <sub>3</sub> ). <i>Organometallics</i> , 1992, 11, 2959-2961.	1.1	23
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1525	To fuse or not to fuse? Reactions of [HM <sub>4</sub> (CO) <sub>12</sub> BH] <sup>-</sup> (M = iron, ruthenium) with (phosphine)gold(I) chlorides. Molecular structures of HFe <sub>4</sub> (CO) <sub>12</sub> BHAuP(2-MeC <sub>6</sub> H <sub>4</sub> ) <sub>3</sub> , [Au(PMePh <sub>2</sub> ) <sub>2</sub> ][[HFe <sub>4</sub> (CO) <sub>12</sub> BH] <sub>2</sub> Au], and [PPN][[HRu <sub>4</sub> (CO) <sub>12</sub> BH] <sub>2</sub> Au]. <i>Organometallics</i> , 1992, 11, 2356-2367.	1.1	31
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1527	Carbonyl and phosphine adducts of open titanocenes and open vanadocenes: syntheses, spectroscopic studies, and solid-state structures. <i>Organometallics</i> , 1992, 11, 1693-1700.	1.1	35
1528	Ru <sub>3</sub> (CO) <sub>9</sub> BH <sub>5</sub> and [Ru <sub>3</sub> (CO) <sub>9</sub> BH <sub>4</sub> ] <sup>â</sup> as precursors to higher nuclearity homo- and heterometallic clusters: molecular structure of a second isomer of HRu <sub>6</sub> (CO) <sub>17</sub> B. <i>Journal of Organometallic Chemistry</i> , 1992, 423, 241-254.	0.8	38
1529	Synthesis and solution properties of the boron-containing clusters HM <sub>4</sub> (CO) <sub>12</sub> Bu <sub>2</sub> (dppf) (M <sup>î</sup> → Fe or Tj) <i>ETQq1 1 0.784314 rgBT / Ov</i> <i>Journal of Organometallic Chemistry</i> , 1992, 435, 9-20.	0.8	36
1530	Steric congestion in a cyclopentadienyl ligand bearing tert-butyl groups on three contiguous carbon atoms: crystal and molecular structure of (η <sup>5</sup> -1,2,3-tri-tert-butylcyclopentadienyl)(η <sup>5</sup> -indenyl)rhodium(III) hexafluorophosphate. <i>Organometallics</i> , 1992, 11, 64-69.	1.1	19

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1532	$\text{[Cp}^*\text{Co}\frac{3}{4}\text{CoCp}^*]\text{}$ is a Hydride. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1341-1343.	4.4	45
1533	The Structure of the [1.1]Ruthenocenophane Dication: Metal-Metal Bond Formation and the Consequences of Proximity. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1352-1354.	4.4	28
1534	Ein metallorganisches Analogon der Criss-Cross-Cycloaddition. <i>Angewandte Chemie</i> , 1992, 104, 1066-1068.	1.6	6
1535	Solid state and solution structural investigation of homoleptic tin(IV) alkoxide compounds. Part I. $\text{Sn}(\text{O}^t\text{-Bu})_4$ and $[\text{Sn}(\text{O}^i\text{-Pr})_4\text{HO}^i\text{-Pr}]_2$ . <i>Canadian Journal of Chemistry</i> , 1991, 69, 121-129.	0.6	96
1536	Synthesis of bis((tricarbonylmetal)- $\eta$ -5-cyclopentadienyl)methane derivatives of molybdenum and tungsten. Molecular structures of bis((tricarbonyltungsten)- $\eta$ -5-cyclopentadienyl)methane and its 2-acyl derivative. <i>Organometallics</i> , 1991, 10, 3856-3860.	1.1	25
1537	Thermolysis of $\text{Cp}^*\text{Rh}\{(\eta\text{-}4\text{-}\eta\text{-}1\text{-C}_4\text{Me}_4\text{Me}_4\text{S})\text{Fe}(\text{CO})_4\}$ : a case study in thiophene desulfurization. <i>Organometallics</i> , 1991, 10, 1002-1009.	1.1	83
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1539	Chromium-mediated cyclizations of cross-conjugated ketoketenes in 8- and 10e- processes. <i>Journal of the American Chemical Society</i> , 1991, 113, 5459-5461.	6.6	26
1540	Halbsandwich cyclo-Pentasulfido and cyclo-Pentaseenido Complexes, $(\eta\text{-}5\text{-C}_5\text{Me}_5)\text{M}(\text{NO})(\text{E})_5$ (E = S, Se; M = Zr, Hf). <i>Journal of Organometallic Chemistry</i> , 1991, 401, 331-337.	0.3	11
1541	Synthesis, characterization, and structural study of $\text{Re}(\eta\text{-}2,4\text{-C}_7\text{H}_{11})(\text{H})_2(\text{P}(\text{C}_6\text{H}_5)_3)_2$ . <i>Journal of Organometallic Chemistry</i> , 1991, 401, 331-337.	0.8	4
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1543	Achtfach koordinierte Metallcarbonyle mit ausschließlich einzähnigen Liganden: Synthese und Struktur von $[\text{nPr}_4\text{N}]_2[(\text{Ph}_3\text{Sn})_4\text{M}(\text{CO})_4]$ , M = Zr, Hf. <i>Angewandte Chemie</i> , 1991, 103, 196-197.	1.6	7
1544	Half-Sandwich Pentamethylcyclopentadienyl Iridium Complexes Containing Sulfido and Selenido Ligands. X-Ray Crystal Structures of $\text{Cp}^*\text{Ir}(\text{PMe}_3)_3(\text{S})_6$ and $\text{Cp}^*\text{Ir}(\text{PMe}_3)_3(\text{Se})_4$ . <i>Chemische Berichte</i> , 1991, 124, 2245-2248.	0.2	29
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1546	Crystal structure of a side-on superoxo complex of cobalt and hydrogen abstraction by a reactive terminal oxo ligand. <i>Journal of the American Chemical Society</i> , 1990, 112, 2445-2446.	6.6	163
1547	Synthesis and molecular structure of $[\eta\text{-}5\text{-C}_5\text{H}_5\text{Mo}(\text{CO})_2]_2(\eta\text{-}2\text{-Sb}_2)$ . Formation of an $\text{Sb}^{\text{II}}\text{=Sb}$ double bond from metallic antimony. <i>Journal of Organometallic Chemistry</i> , 1990, 390, c36-c38.	0.8	35
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1551	Silyl and diphenylsilylene derivatives of $(\eta^5\text{-C}_5\text{Me}_5)(\text{PMe}_3)_2\text{Ru}$ . Evidence for the base-free silylene complex $[(\eta^5\text{-C}_5\text{Me}_5)(\text{PMe}_3)_2\text{Ru}:\text{SiPh}_2]^+$ . <i>Journal of the American Chemical Society</i> , 1990, 112, 2673-2681.	6.6	96
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1558	Conjugate addition of a chiral manganese acetylide complex to epoxides, vinyl ketones, and heterocumulenes. <i>Journal of the American Chemical Society</i> , 1990, 112, 3220-3221.	6.6	23
1559	Arsaoxanes as reversible, ligating oxygen-transfer agents in the synthesis of neutral metal-oxo clusters. The x-ray structures of $\text{Cp}^*_2\text{W}_6\text{O}_{17}$ and $\text{Cp}^*_6\text{Mo}_8\text{O}_{16}$ . <i>Journal of the American Chemical Society</i> , 1990, 112, 4037-4038.	6.6	55
1560	Deutliche Anionenabhängigkeit der Temperatur, bei der in gemischtvalenten $\eta^2, \eta^5$ -disubstituierten (Biferrocen)iumsalzen die Valenzfixierung aufgehoben wird. <i>Angewandte Chemie</i> , 1989, 101, 1422-1424.	1.6	8
1561	Pronounced Anion Dependence of Valence Detrapping Temperature in Mixed-Valence $\eta^2, \eta^5$ -Disubstituted Biferrocenium Salts. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 1388-1390.	4.4	23
1562	The crystal and molecule structure of three 2,4,6-trinitrobenzene derivatives: 2,4,6-trifluoro-2,4,6-trinitrotoluene (C <sub>7</sub> H <sub>2</sub> F <sub>3</sub> N <sub>3</sub> O <sub>6</sub> ), 2,4,6-trinitrobenzamide (C <sub>7</sub> H <sub>4</sub> N <sub>4</sub> O <sub>7</sub> ), 2,4,6-trinitrobenzoic acid (C <sub>7</sub> H <sub>3</sub> N <sub>3</sub> O <sub>8</sub> ). <i>Journal of Crystallographic and Spectroscopic Research</i> , 1989, 19, 25-37.	0.3	9
1563	Preparation and characterization of the monomeric copper(II) siloxide complex $\text{Cu}[\text{OSi}(\text{OCMe}_3)_3]_2(\text{py})_2$ . <i>Inorganic Chemistry</i> , 1989, 28, 3772-3774.	1.9	48
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1565	Crystal structures of three brilliantly triboluminescent centrosymmetric lanthanide complexes: piperidinium tetrakis(benzoylacetato)europate, hexakis(antipyrine)terbium triiodide, and hexaaquadichloroterbium chloride. <i>Inorganic Chemistry</i> , 1989, 28, 1715-1719.	1.9	100
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1570	Transient generation of the reactive carbene complex [Cp(CO)2W = CH(Tol)]+ and its reactions with alkynes to form vinylcarbene, allyl, naphthol, diene, and metallafuran complexes. <i>Journal of the American Chemical Society</i> , 1989, 111, 8383-8391.	6.6	83
1571	New types of metallacycles formed by cycloaddition of imines and tert-BuN:O with manganese and rhenium carbyne complexes. <i>Journal of the American Chemical Society</i> , 1989, 111, 369-371.	6.6	14
1572	Lattice-engineered micromodulation of intramolecular electron-transfer rates in trinuclear mixed-valence iron acetate complexes. <i>Journal of the American Chemical Society</i> , 1989, 111, 173-186.	6.6	56
1573	Preparation of a discrete, closed-transition-metal boride. Characterization and structure of trans-[Fe4Rh2(CO)16B]PPN. <i>Journal of the American Chemical Society</i> , 1989, 111, 1877-1879.	6.6	46
1574	Metal carbonyl complexes of the trindenyl ligand: crystal structure of trans-[Re(CO)3]3(trindenyl). <i>Organometallics</i> , 1989, 8, 1959-1963.	1.1	33
1575	Synthesis and characterisation of the heptanuclear trimetallic cluster [{Fe2(CO)6}(μ4-Te)(μ3-Te){Ru3(CO)11}]. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, .	2.0	35
1576	Preparation of 2,3,4-Tris(η5-cyclopentadienyl)-1,5-diphenyl-1-phospha-2,3,4-tricobaltapentaborane(5); Phenyl Group Migration from Phosphorus to Boron. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 424-426.	4.4	35
1577	Reactions of (η5-C5H5)(η5-C5Me5)Zr[Si(SiMe3)3]X (X = Cl, Me) complexes with carbon monoxide and the isocyanide 2,6-Me2C6H3NC. Crystal structure of (η5-C5H5)(η5-C5Me5)Zr[η2-C(N-2,6-Me2C6H3)Si(SiMe3)3]Cl. <i>Journal of Organometallic Chemistry</i> , 1988, 358, 169-183.	0.8	58
1578	Pentadienyl chemistry of niobium and tantalum. Surprising differences and new diene and dienyl coordination patterns. <i>Journal of the American Chemical Society</i> , 1988, 110, 8703-8704.	6.6	23
1579	Activation of a fluorinated carbon-carbon bond by oxidative addition of tetrafluorocyclopropene to platinum(0). The first example of a perfluorometallacyclobutene. <i>Organometallics</i> , 1988, 7, 2239-2241.	1.1	41
1580	Synthesis, structures, and solution dynamics of mononuclear and dinuclear (.eta.5-indenyl)rhodium complexes of octafluorocyclooctatetraene. Crystal and molecular structures of [Rh(.eta.5-C9H7)(1,2,5,6-.eta.-C8F8)], [[Rh(.eta.5-C9H7)]2[μ-(1,5,6-.eta.:2-4-.eta.-C8F8)](Rh-Rh)], [[Rh(.eta.5-C9H7)]2[μ-(1,5,6-.eta.:2-4-.eta.-C8F7H)](Rh-Rh)], and		

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1586	Hydrogenation of cationic dicyclopentadienylzirconium(IV) alkyl complexes. Characterization of cationic zirconium(IV) hydrides. <i>Organometallics</i> , 1987, 6, 1041-1051.	1.1	137
1587	Crystal disorder and triboluminescence: triethylammonium tetrakis(dibenzoylmethanato)europate. <i>Journal of the American Chemical Society</i> , 1987, 109, 2652-2658.	6.6	128
1588	Transition-metal-promoted ring-opening reactions of vinylcyclopropenes. 1,2,3,5- $\eta$ -Penta-2,4-dienediyl- and 1,5- $\eta$ -penta-2,4-dienediyl(1-metallacyclohexa-2,4-diene) complexes of rhodium(III) and iridium(III) and their conversion to ( $\eta$ -5-cyclopentadienyl)hydridometal compounds. <i>Organometallics</i> , 1987, 6, 1578-1581.	1.1	22
1589	Molybdenum carbonyl derivatives of catenated rings and chains of CH <sub>3</sub> As and C <sub>6</sub> H <sub>5</sub> As units. Synthesis and structural characterization of $[cyclo-(CH_3As)_6Mo_2(CO)_6]$ , $[cyclo-(C_6H_5As)_9Mo_2(CO)_6]$ , and $[catena-(C_6H_5As)_8Mo_2(CO)_6]$ . <i>Journal of the American Chemical Society</i> , 1987, 109, 141-148.	6.6	22
1590	Molecular structure of ( $\mu$ - $\eta$ -1-nitrosobenzene-N)( $\mu$ - $\eta$ -2-nitrosobenzene-N,O)( $\eta$ -1-nitrosobenzene-N)tris(trimethylphosphine)diplatinum(II), a complex containing three linkage isomers of nitrosobenzene. <i>Inorganic Chemistry</i> , 1987, 26, 4308-4309.	1.9	17
1591	Formation of a Trishomocubane Structure Containing Three Rhenium and Eight Arsenic Atom Vertices. The Crystal Structure of $\{cyclo-[ (AsMe)_7(As)Re(CO)_4 ]Re_2(CO)_6\}$ . <i>Organometallics</i> , 1987, 6, 1138-1139.	1.1	7
1592	Preparation, characterization, and x-ray crystal structure of an acetonitrile-complexed ruthenium silylene. <i>Journal of the American Chemical Society</i> , 1987, 109, 5872-5873.	6.6	138
1593	Synthesis and molecular structure of the eight-coordinate complex bis(4-amino-N,N'-disalicylidene-1,2-phenylenediaminato)zirconium(IV), a new reagent for preparing coordination polymers. <i>Inorganic Chemistry</i> , 1987, 26, 4312-4318.	1.9	21
1594	Synthesis of the Four-Membered Metallacycle $[Cp_2Ti(AsPh)_3]$ via the in situ Reduction of $[Cp_2TiCl_2]$ . <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 244-245.	4.4	10
1595	Reactions of cyclopropenyl cations with tricarbonylnitrosylferrate(1-), tetracarbonylcobaltate(1-), and octacarbonyldicobalt. Synthesis and conformational and configurational stabilities of $\eta$ -3-cyclopropenyl and $\eta$ -3-oxocyclobutenyl complexes of iron and cobalt. Crystal and molecular structure of $Fe(\eta$ -C <sub>3</sub> Ph <sub>2</sub> -tert-Bu)(CO) <sub>2</sub> (NO). <i>Organometallics</i> , 1986, 5, 789-797.	1.1	17
1596	(CH <sub>3</sub> C <sub>5</sub> H <sub>4</sub> ) <sub>2</sub> V <sub>2</sub> S <sub>4</sub> as an organometallic ligand: preparation of iron, cobalt, nickel, and iridium derivatives and structures of a V <sub>4</sub> Ni cluster and three V <sub>2</sub> Fe clusters. <i>Inorganic Chemistry</i> , 1986, 25, 634-643.	1.9	51
1597	Reaction of ( $\eta$ -5-MeC <sub>5</sub> H <sub>4</sub> )Mn(CO) <sub>2</sub> (THF) with PhCH <sub>2</sub> N <sub>3</sub> to yield binuclear ( $\eta$ -5-MeC <sub>5</sub> H <sub>4</sub> ) <sub>2</sub> Mn <sub>2</sub> (CO) <sub>3</sub> [ $\mu$ -CON(CH <sub>2</sub> Ph) <sub>2</sub> ], an intermediate in the formation of benzyl isocyanate. <i>Organometallics</i> , 1986, 5, 894-898.	1.1	9
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1599	Crystal and molecular structure of $[cyclo-(PhAs)_6Mo(CO)_4]$ containing a 1,4-bidentate coordinated cyclohexaarsine ring in a twisted boat conformation. <i>Organometallics</i> , 1986, 5, 2410-2413.	1.1	11
1600	PENTAMETHYLCYCLOPENTAARSINE (ARSENOMETHANE)., 1986, , 618-620.		9
1601	Synthesis and structures of the tellurium-bridged molybdenum iron carbonyl cluster (C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> Mo <sub>2</sub> Fe <sub>x</sub> Te <sub>2</sub> (CO) <sub>7</sub> (x = 1, 2). Cluster assembly mechanisms and the role of the tellurium. <i>Journal of the American Chemical Society</i> , 1985, 107, 3843-3850.	6.6	67
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1603	Mixed-valence dialkylferrocenium salts: an explanation for the observed temperature dependence of electron-transfer rates. <i>Journal of the American Chemical Society</i> , 1985, 107, 7996-8008.	6.6	152
1604	Reactivity of bridging phosphido ligands in WOs binuclear complexes. Crystal and molecular structure of $(\text{CO})_5\text{W}(\mu\text{-PPh}_2)\text{Os}(\text{H})(\text{CO})_2(\text{PMePh}_2)(\text{PPh}_2\text{H})$ . <i>Organometallics</i> , 1985, 4, 1184-1189.	1.1	28
1605	The crystal and molecular structure of trans-dichloro-, trans-dimethyl-, trans-bis-(hexamethylphosphoramidate)tin(IV): $(\text{CH}_3)_2\text{SnCl}_2\cdot 2\text{O}^-\text{P}[\text{N}(\text{CH}_3)_2]_3$ . <i>Inorganica Chimica Acta</i> , 1984, 86, 179-183.	1.2	20
1606	$(\text{PMe}_3)_3\text{MS}_7$ (M= Ru, Os): The First Polysulfido Metal Complexes with a Tridentate $\text{S}_2\text{nn}\hat{\text{S}}^-$ Ligand. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 814-815.	4.4	28
1607	$(\text{PMe}_3)_3\text{MS}_7$ (M = $\frac{3}{4}$ Ru, Os): Die ersten Polysulfidometall-Komplexe mit einem dreizähligen S-Liganden. <i>Angewandte Chemie</i> , 1984, 96, 813-814.	1.6	14
1608	Iridium, platinum, and palladium complexes of some new hybrid aminophosphine ligands. A chelate-assisted nitrogen-hydrogen oxidation addition to iridium(I) and the structural characterization of a novel ortho C-metalated platinum(II) complex. <i>Journal of the American Chemical Society</i> , 1984, 106, 5014-5016.	6.6	37
1609	Coordinated homoatomic polyorganophosphorus catenates. The crystal structure and molecular geometry of $\text{Fe}_2(\text{CO})_6(\text{PCH}_3)_4$ and $\text{Fe}_2(\text{CO})_6(\text{PC}_6\text{H}_5)_4$ . <i>Organometallics</i> , 1984, 3, 1417-1421.	1.1	25
1610	A novel synthetic route to cyclobutadiene complexes of molybdenum and tungsten. Crystal and molecular structure of $\text{Mo}(\eta\text{-C}_5\text{H}_5)(\eta\text{-C}_4\text{Ph}_3\text{Me})(\text{CO})(\text{Cl})$ . <i>Organometallics</i> , 1984, 3, 1761-1763.	1.1	17
1611	<i>Journal of Crystallographic and Spectroscopic Research</i> , 1983, 13, 317-323.	0.3	5
1612	X-Ray crystal and molecular structure of $[\text{Co}_8(\mu_6\text{-As})(\mu_4\text{-As})(\mu_4\text{-AsPh})_2(\text{CO})_{16}]_2$ . <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 39-40.	2.0	5
1613	Crystal and molecular structure of hexaphenylcyclohexaarsine, $c\text{-}(\text{AsPh})_6$ . <i>Organometallics</i> , 1983, 2, 327-331.	1.1	47
1614	A reversible chemical reaction in a single crystal. The dimerization of $\eta\text{-}5\text{-cyclopentadienyl}(\text{o-dithiobenzene})\text{cobalt}$ $[\text{CpCo}(\text{S}_2\text{C}_6\text{H}_4\text{-o})]$ . <i>Journal of the American Chemical Society</i> , 1983, 105, 7580-7584.	6.6	81
1615	Synthesis and structures of the vanadium sulfide cluster compounds $(\text{iso-PrC}_5\text{H}_4)_2\text{V}_2\text{S}_4$ and $(\text{C}_5\text{H}_5)_2\text{V}_2\text{S}_2[\text{S}_2\text{C}_2(\text{CF}_3)_2]$ : the influence of $\pi$ -bonding on the geometry of the $\mu$ -disulfido ligand. <i>Journal of the American Chemical Society</i> , 1983, 105, 6321-6323.	6.6	79
1616	"Triple-decker sandwich" with a planar $\text{As}_5$ ring. Synthesis and crystal structure of $\text{CpMo}[\mu\text{-}(\eta\text{-}4\text{-As}_5)]\text{MoCp}$ . <i>Journal of the American Chemical Society</i> , 1982, 104, 4727-4729.	6.6	115
1617	Structure of $(\text{MeC}_5\text{H}_4)_2\text{V}_2\text{S}_5$ and its acetylene addition reaction. <i>Organometallics</i> , 1982, 1, 1551-1553.	1.1	62
1618	Group VIB complexes containing arsenic-arsenic double bonds. Synthesis and crystallographic characterization of $[\eta\text{-}5\text{-C}_5\text{H}_5\text{M}(\text{CO})_2]_2(\mu\text{-}\eta\text{-}2\text{-As}_2)$ (M = Mo or W). <i>Organometallics</i> , 1982, 1, 1547-1549.	1.1	81
1619	Crystal structure and molecular geometry of $[(\eta\text{-}5\text{-C}_5\text{H}_5)_2\text{Fe}]_2\text{As}_4\text{Cl}_{10}\text{O}_2$ , the ferrocenium salt of a complex oxochloroarsenate(III) counterion. <i>Inorganic Chemistry</i> , 1981, 20, 849-853.	1.9	40
1620	Reactions of alkylphosphorus, arsenic, and antimony hydrides and halides with dibenzylmercury. An improved procedure for cyclopolyarsines. <i>Journal of Organometallic Chemistry</i> , 1977, 128, 155-160.	0.8	30

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1622	Homoatomic organoarsine ladder polymers. Synthesis and physical properties. <i>Inorganic Chemistry</i> , 1973, 12, 2845-2850.	1.9	47
1623	Configurational Lability at Tetrahedral Phosphorus: syn/anti $\Delta$ -isomerization of a P $\sigma$ -Stereogenic Phosphiranium Cation by Intramolecular Epimerization at Phosphorus. <i>Angewandte Chemie</i> , 0, , .	1.6	0