

Kenton H Whitmire

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ethylene Dehydroaromatization over Ga ϵ ZSM ϵ 5 Catalysts: Nature and Role of Gallium Speciation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19592-19601.	13.8	38
2	Ethylene Dehydroaromatization over Ga ϵ ZSM ϵ 5 Catalysts: Nature and Role of Gallium Speciation. <i>Angewandte Chemie</i> , 2020, 132, 19760-19769.	2.0	0
3	In pursuit of advanced materials from single-source precursors based on metal carbonyls. <i>Dalton Transactions</i> , 2019, 48, 2248-2262.	3.3	4
4	Effects of Catalyst Phase on the Hydrogen Evolution Reaction of Water Splitting: Preparation of Phase-Pure Films of FeP, Fe ₂ P, and Fe ₃ P and Their Relative Catalytic Activities. <i>Chemistry of Materials</i> , 2018, 30, 3588-3598.	6.7	123
5	A structural survey of the binary transition metal phosphides and arsenides of the d-block elements. <i>Coordination Chemistry Reviews</i> , 2018, 355, 271-327.	18.8	45
6	Transition metal complexes of the naked pnictide elements. <i>Coordination Chemistry Reviews</i> , 2018, 376, 114-195.	18.8	41
7	High-Performance Hybrid Bismuth ϵ Carbon Nanotube Based Contrast Agent for X-ray CT Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5709-5716.	8.0	56
8	Anionic Bismuth Oxido Clusters with Pendant Silver Cations: Synthesis and Structures of {[Bi ₄ (μ ₃ ϵ O) ₂ (TFA) ₉ Ag(tol) ₂] ₂ } and {Bi ₄ (μ ₃ ϵ O) ₂ (TFA) ₁₀ (AgPPh ₃) ₂ } <i>n</i> . <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1457-1463.	2.0	13
9	Synthesis of Hexagonal FeMnP Thin Films from a Single ϵ Source Molecular Precursor. <i>Chemistry - A European Journal</i> , 2017, 23, 5565-5572.	3.3	9
10	Gold coated iron phosphide core ϵ shell structures. <i>RSC Advances</i> , 2017, 7, 25848-25854.	3.6	7
11	Iron carbonyl clusters with ECl ₂ units (E ϵ AP, As). <i>Journal of Organometallic Chemistry</i> , 2017, 849-850, 279-285.	1.8	2
12	A TiO ₂ /FeMnP Core/Shell Nanorod Array Photoanode for Efficient Photoelectrochemical Oxygen Evolution. <i>ACS Nano</i> , 2017, 11, 4051-4059.	14.6	106
13	Synthesis and Characterization of Bimetallic Single ϵ Source Precursors (Ph ₃ P) ₂ M(μ ϵ Et) ₂ E(SEt) ₂ for MES ₂ Chalcopyrite Materials (M = Cu, Ag and E = In, Ga, Al). <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2068-2077.	2.0	8
14	Morphogenesis of cement hydrate. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3798-3811.	10.3	45
15	Bifunctional metal phosphide FeMnP films from single source metal organic chemical vapor deposition for efficient overall water splitting. <i>Nano Energy</i> , 2017, 39, 444-453.	16.0	117
16	Thin Films of (Fe ₁ Co ₃) ₃ P and Fe ₃ (P ₁ Te ₁) from the Co-Decomposition of Organometallic Precursors by MOCVD. <i>Chemistry of Materials</i> , 2016, 28, 7066-7071.	6.7	10
17	Anionic Bismuth-Oxido Carboxylate Clusters with Transition Metal Counteranions. <i>Inorganic Chemistry</i> , 2016, 55, 11560-11569.	4.0	16
18	Transformations in Transition-Metal Carbonyls Containing Arsenic: Exploring the Chemistry of [Et ₄ N] ₂ [HAS{Fe(CO) ₄ }] ₃ in the Search for Single-Source Precursors for Advanced Metal Pnictide Materials. <i>Organometallics</i> , 2016, 35, 471-483.	2.3	20

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19	New Main-Group-Element-Rich <i>nido</i> -Octahedral Cluster System: Synthesis and Characterization of $[\text{Et}_4\text{N}][\text{Fe}_2(\text{CO})_6(\text{I}^{1/4}\text{-As})\{\text{I}^{1/4}\text{-EFe}(\text{CO})_4\}_2]$. <i>Inorganic Chemistry</i> , 2016, 55, 6679-6684.	4.0	3
20	The Unexpected Isolation of Bismuth Tris(carboxylate) Hydrates: Syntheses and Structures of $[\text{Bi}(\text{Hsal})_3(\text{H}_2\text{O})]$ and $[\text{Bi}(\text{Hanth})_3(\text{H}_2\text{O})]$ ($\text{H}_2\text{sal} = 2\text{-OH-C}_6\text{H}_4\text{CO}_2\text{H}$, $\text{Hanth} = 2\text{-NH}_2\text{-C}_6\text{H}_4\text{CO}_2\text{H}$). <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 605-608.	2.0	9
21	Structural diversity in phenyl bismuth(III) bis(carboxylate) complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 794, 153-167.	1.8	14
22	Structural chemistry of fluoride and oxofluoride complexes of titanium(IV). <i>Coordination Chemistry Reviews</i> , 2015, 299, 61-82.	18.8	14
23	Aluminum Nanocrystals. <i>Nano Letters</i> , 2015, 15, 2751-2755.	9.1	169
24	Aminopolycarboxylate Bismuth(III)-Based Heterometallic Compounds as Single-Source Molecular Precursors for $\text{Bi}_4\text{V}_2\text{O}_{11}$ and Bi_2CuO_4 Mixed Oxides. <i>Chemistry of Materials</i> , 2014, 26, 6092-6103.	6.7	10
25	Synthesis and structural studies of the simplest bismuth(III) oxo-salicylate complex: $[\text{Bi}_4(\text{I}^{1/4}\text{-O})_2(\text{HO-2-C}_6\text{H}_4\text{CO}_2)_2]_2 \cdot 2\text{Solv}$ (Solv = MeCN or MeNO ₂). <i>Chemical Communications</i> , 2014, 50, 3556-3559.	4.8	16
26	Facile One-Pot Synthesis of Triphenylbismuth(V) Bis(carboxylate) Complexes. <i>Organometallics</i> , 2014, 33, 2906-2909.	2.3	20
27	Bis[Bis(Triphenylphosphoranylidene)Ammonium] Undecacarbonyltriferrate(2 ⁻). <i>Inorganic Syntheses</i> , 2014, , 223-226.	0.3	0
28	Stereochemistry of fluoride and mixed-ligand fluoride complexes of zirconium and hafnium. <i>Coordination Chemistry Reviews</i> , 2013, 257, 3074-3088.	18.8	15
29	Wet chemical synthesis and characterization of polyodal In_2O_3 nanoparticles. <i>CrystEngComm</i> , 2013, 15, 6918.	2.6	7
30	Rock salt vs. wurtzite phases of $\text{Co}_{1-x}\text{Mn}_x\text{O}$: control of crystal lattice and morphology at the nanoscale. <i>CrystEngComm</i> , 2013, 15, 775-784.	2.6	11
31	Synthesis of Phase-Pure Ferromagnetic Fe_3P Films from Single-Source Molecular Precursors. <i>Advanced Functional Materials</i> , 2012, 22, 1850-1855.	14.9	21
32	Synthesis of $\text{Fe}_2\text{Mn}_2\text{P}$ Nanoparticles from Single-Source Molecular Precursors. <i>Chemistry of Materials</i> , 2011, 23, 3731-3739.	6.7	33
33	New Mixed Ligand Single-Source Precursors for PbS Nanoparticles and Their Solvothermal Decomposition to Anisotropic Nano- And Microstructures. <i>Chemistry of Materials</i> , 2011, 23, 4158-4169.	6.7	38
34	Hexaaquacobalt(II) and hexaaquanickel(II) bis($\text{I}^{1/4}$ -pyridine-2,6-dicarboxylato)bis[(pyridine-2,6-dicarboxylato)bismuthate(III)] dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, m65-m68.	0.4	5
35	Stereochemistry of lead(II) complexes containing sulfur and selenium donor atom ligands. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2193-2226.	18.8	85
36	Molecular Donuts and Donut Holes. <i>Science</i> , 2010, 327, 38-39.	12.6	4

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37	Synthesis, Characterization, and Reactivity of the Heterometallic Dinuclear μ_2 -PH and μ_2 -PPh Complexes $\text{FeMn}(\text{CO})_8$ (μ_2 -PH) and $\text{FeMn}(\text{CO})_8$ (μ_2 -PPh). <i>Organometallics</i> , 2010, 29, 4611-4618.	2.3	13
38	(N,N-Dimethylformamide- μ)bis(3-hydroxypicolinato- μ_2 N,O2)phenylbismuth(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1547-m1548.	0.2	1
39	Dedication to the Special Volume for Dietmar Seyferth. <i>Organometallics</i> , 2010, 29, 4647-4647.	2.3	1
40	Stereochemistry of lead(II) complexes with oxygen donor ligands. <i>Coordination Chemistry Reviews</i> , 2009, 253, 1316-1352.	18.8	219
41	New polyoxomolybdenum coordination compounds: Synthesis and characterization of mixed-valent $\text{Mo}_6\text{O}_{13}(\text{Hsal})_2(\text{sal})_2(\text{acac})_2$ and homovalent $\text{Mo}_4\text{O}_{10}(\text{acac})_4$ (Hsal= $2\text{-HO-C}_6\text{H}_4$, sal= $2\text{-O-C}_6\text{H}_4$). <i>Inorganica Chimica Acta</i> , 2009, 362, 1665-1671.	2.4	12
42	Synthesis of Bi_2S_3 Nanostructures from Bismuth(III) Thiourea and Thiosemicarbazide Complexes. <i>Chemistry of Materials</i> , 2009, 21, 5456-5465.	6.7	101
43	Molecular Precursors for CdS Nanoparticles: Synthesis and Characterization of Carboxylate-Thiourea or Thiosemicarbazide Cadmium Complexes and Their Decomposition. <i>Chemistry of Materials</i> , 2009, 21, 5617-5626.	6.7	40
44	Selective Arylation Reactions of Bismuth-Transition Metal Salicylate Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 6945-6951.	4.0	22
45	Magnetic Plasmonic Core-Shell Nanoparticles. <i>ACS Nano</i> , 2009, 3, 1379-1388.	14.6	337
46	Shape control of new Fe_3O_4 and Fe_3MnO_4 nanostructures. <i>Advanced Functional Materials</i> , 2008, 18, 1661-1667.	14.9	47
47	Corrosion inhibition of carbon steel in hydrochloric acid by furan derivatives. <i>Electrochimica Acta</i> , 2008, 53, 6024-6032.	5.2	242
48	Tetrairon Carbido Carbonyl Clusters. <i>Inorganic Syntheses</i> , 2007, , 182-188.	0.3	5
49	Homoleptic Bismuth Amides. <i>Inorganic Syntheses</i> , 2007, , 98-101.	0.3	17
50	Main Group-Transition Metal Carbonyl Complexes. <i>Inorganic Syntheses</i> , 2007, , 220-228.	0.3	2
51	Trinuclear Metal Complexes. <i>Inorganic Syntheses</i> , 2007, , 243-246.	0.3	9
52	Synthesis and Characterization of New Phenylbis(salicylato)bismuth(III) Complexes. <i>Organometallics</i> , 2007, 26, 3321-3328.	2.3	35
53	A New Methodology for Synthesis of Aryl Bismuth Compounds: Arylation of Bismuth(III) Carboxylates by Sodium Tetraarylborate Salts. <i>Organometallics</i> , 2007, 26, 6864-6866.	2.3	25
54	Nanoparticle Shape Conservation in the Conversion of MnO Nanocrosses into Mn_3O_4 . <i>Chemistry of Materials</i> , 2007, 19, 1369-1375.	6.7	64

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55	Addition of the Phenoxathiin Cation Radical to Alkenes and Nonconjugated Dienes. Formation of (E)- and (Z)-(10-Phenoxathiiniumyl)alkenes and (E)- and (Z)-(10-Phenoxathiiniumyl)dienes on Basic Alumina. <i>Journal of Organic Chemistry</i> , 2007, 72, 6154-6161.	3.2	3
56	Preparation of Dinuclear and Trinuclear Ferraboranes, Fe ₂ (CO) ₆ B ₂ H ₆ and Fe ₃ H(CO) ₁₀ BH ₂ . <i>Inorganic Syntheses</i> , 2007, , 269-273.	0.3	1
57	Synthesis characterization and X-ray crystal structures of cis-1,4-diaminocyclohexane-platinum(II) nucleobase adducts. <i>Polyhedron</i> , 2007, 26, 637-644.	2.2	10
58	Iron Phosphide Nanostructures Produced from a Single-Source Organometallic Precursor: Nanorods, Bundles, Crosses, and Spherulites. <i>Nano Letters</i> , 2007, 7, 2920-2925.	9.1	87
59	Manganese(II) Oxide Nanohexapods: Insight into Controlling the Form of Nanocrystals. <i>Chemistry of Materials</i> , 2006, 18, 1821-1829.	6.7	88
60	Bismuth(III) complexes with aminopolycarboxylate and polyaminopolycarboxylate ligands: Chemistry and structure. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2782-2810.	18.8	139
61	Homopiperazine Pt(II) adducts with DNA bases and nucleosides: Crystal structure of [Pt(II)(homopiperazine)(9-ethylguanine) ₂](NO ₃) ₂ . <i>Polyhedron</i> , 2006, 25, 2065-2071.	2.2	50
62	Addition of thianthrene cation radical to non-conjugated dienes—Part II: Addition to two double bonds. <i>Journal of Sulfur Chemistry</i> , 2006, 27, 139-147.	2.0	1
63	Addition of thianthrene cation radical to non-conjugated dienes—Part I: Addition to one double bond. <i>Journal of Sulfur Chemistry</i> , 2006, 27, 127-138.	2.0	2
64	Model platinum nucleobase and nucleoside complexes and antitumor activity: X-ray crystal structure of [Pt(IV)(trans-1R,2R-diaminocyclohexane)trans-(acetate) ₂ (9-ethylguanine)Cl](NO ₃)·H ₂ O. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 795-804.	3.5	42
65	Heterobimetallic bismuth—transition metal coordination complexes as single-source molecular precursors for the formation of advanced oxide materials. <i>Comptes Rendus Chimie</i> , 2005, 8, 1906-1921.	0.5	40
66	Synthesis and Characterization of New Mono-, Di-, and Trinuclear Copper(II) Triethanolamine-Carboxylate Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2867-2876.	1.2	28
67	Adducts of Thianthrene- and Phenoxathiin Cation Radical Tetrafluoroborates to 1-Alkynes. Structures and Formation of 1-(5-Thianthreniumyl)- and 1-(10-Phenoxathiiniumyl)alkynes on Alumina Leading to β -Ketoaldehydes and β -Ketols. <i>Journal of Organic Chemistry</i> , 2005, 70, 9764-9770.	3.2	8
68	Wet-Chemistry Synthesis of Nickel—Bismuth Bimetallic Nanoparticles and Nanowires. <i>Chemistry of Materials</i> , 2005, 17, 4750-4754.	6.7	26
69	Editor's Page A Great Day for Organometallic Chemistry. <i>Organometallics</i> , 2005, 24, 6073-6073.	2.3	0
70	Adducts of Thianthrene- and Phenoxathiin Cation Radical Salts with Symmetrical Alkynes. Structure and Formation of Cumulenes on Alumina Leading to β -Diketones, β -Hydroxyalkynes, and β -Acetamidoalkynes. <i>Journal of Organic Chemistry</i> , 2005, 70, 3877-3883.	3.2	15
71	Heterobimetallic Bi(III)—Ti(IV) Coordination Complexes: Synthesis and Solid-State Structures of Bi ₄ Ti ₄ (sal) ₆ ($\frac{1}{4}$ -O _i Pr) ₃ (O _i Pr) ₄ , and the Cyclic Isomers Bi ₄ Ti ₄ (sal) ₁₀ ($\frac{1}{4}$ -O _i Pr) ₄ (O _i Pr) ₄ and Bi ₈ Ti ₈ (sal) ₂₀ ($\frac{1}{4}$ -O _i Pr) ₈ (O _i Pr) ₈ . <i>Inorganic Chemistry</i> , 2004, 43, 8427-8436.	4.0	51
72	Decomposition of Alkene Adducts of Thianthrene Cation Radical in Nitrile Solvents. Formation of Alkyl-2-oxazolines and a New Class of Four-Component Products: 5-[(1-Alkoxyalkylidene)ammonio]alkylthianthrenium Dipercchlorates. <i>Journal of Organic Chemistry</i> , 2004, 69, 9255-9261.	3.2	23

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73	Toward a General Strategy for the Synthesis of Heterobimetallic Coordination Complexes for Use as Precursors to Metal Oxide Materials: Synthesis, Characterization, and Thermal Decomposition of $\text{Bi}_2(\text{Hsal})_6\text{-M}(\text{Acac})_3$ (M = Al, Co, V, Fe, Cr). <i>Inorganic Chemistry</i> , 2004, 43, 3299-3305.	4.0	58
74	Toward Rational Control of Metal Stoichiometry in Heterobimetallic Coordination Complexes: Synthesis and Characterization of $\text{Pb}(\text{Hsal})_2(\text{Cu}(\text{salen}^*))_2$, $[\text{Pb}(\text{NO}_3)(\text{Cu}(\text{salen}^*))_2](\text{NO}_3)$, $\text{Pb}(\text{OAc})_2(\text{Cu}(\text{salen}^*))$, and $[\text{Pb}(\text{OAc})(\text{Ni}(\text{salen}^*))_2](\text{OAc})$. <i>Inorganic Chemistry</i> , 2004, 43, 2708-2713.	4.0	43
75	Bismuth ladder polymers: structural and thermal studies of $[\text{Bi}(\text{OCH}_2\text{CH}_2)_3\text{N}]_n$ and		

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91	Ring-opening reactions of 5-(aryl)thianthrenium bromides with aryl thiolates. <i>Journal of Physical Organic Chemistry</i> , 2002, 15, 139-147.	1.9	9
92	SYNTHESIS, CHARACTERIZATION, AND REPRESENTATIVE CRYSTAL STRUCTURE OF LIPOPHILIC PLATINUM(II) (HOMOPIPERAZINE)CARBOXYLATE COMPLEXES. <i>Journal of Coordination Chemistry</i> , 2001, 52, 273-287.	2.2	10
93	Reactions of Cyclopropenes with Metal Carbenes. <i>Organic Letters</i> , 2001, 3, 65-66.	4.6	5
94	Self-assembly of organometallic clusters onto the surface of gold. <i>Thin Solid Films</i> , 2001, 401, 131-137.	1.8	5
95	Synthesis, characterization, structural and theoretical analysis of a series of electron deficient, monomeric thallium iron carbonylate isostructural and isolobal to diiron nonacarbonyl. <i>Journal of Organometallic Chemistry</i> , 2000, 614-615, 243-254.	1.8	9
96	Synthesis, characterization and cytotoxicity of new platinum(IV) axial carboxylate complexes: crystal structure of potential antitumor agent [Pt(IV) (trans-1R,2R-diaminocyclohexane) trans (acetate) 2 Cl 2]. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 515-521.	3.0	47
97	Synthesis and characterization of piperidine platinum(II) complexes with dicarboxylates: crystal and molecular structure of cis-[Pt(piperidine)2Cl2]·H2O. <i>Polyhedron</i> , 2000, 19, 975-981.	2.2	13
98	Synthesis and characterization of platinum(II) complexes with 3-methylpiperidine: crystal and molecular structure of [Pt(3-methylpiperidine)2(malonato)]·H2O. <i>Polyhedron</i> , 2000, 19, 983-989.	2.2	18
99	Oligomerization and Oxide Formation in Bismuth Aryl Alkoxides: A Synthesis and Characterization of Bi4(μ4-O)(μ4-OC6F5)6{μ3-OBi(μ4-OC6F5)3}2(C6H5CH3), Bi8(μ4-O)2(μ3-O)2(μ4-OC6F5)16, Bi6(μ3-O)4(μ3-OC6F5){μ3-OBi(OC6F5)4}3, NaBi4(μ3-O)2(OC6F5)9(THF)2, and Na2Bi4(μ3-O)2(OC6F5)10(THF)2. <i>Inorganic Chemistry</i> , 2000, 39, 85-97.	1.8	70
100	Mechanistic Studies of a Linear Trisazoalkane, a New Azimine, and a Bicyclic Triaziridine. Azoalkane Homolysis into Seven Fragments. <i>Journal of Organic Chemistry</i> , 2000, 65, 1016-1021.	3.2	13
101	Preparation, characterization, and antitumor activity of new cisplatin analogs with homopiperazines: crystal structure of [Pt(II)(1-methylhomopiperazine)(methylmalonato)]·2H2O. <i>Journal of Inorganic Biochemistry</i> , 1999, 77, 231-238.	3.5	30
102	Triethanolamine complexes of copper. <i>Inorganica Chimica Acta</i> , 1999, 294, 153-162.	2.4	38
103	Different Ways To Distort a Tetracapped Tetrahedron on Route to Forming an E4M4 Cubane: The Case of [E4(Pd(PPh2Me)2)4][Ph2EX2]2 (E = Sb, X = Cl; E = Bi, X = Br). <i>Journal of the American Chemical Society</i> , 1999, 121, 4409-4418.	13.7	36
104	Addition of Thianthrene Cation Radical to Cycloalkenes. An Unexpected Monoadduct. <i>Journal of Organic Chemistry</i> , 1999, 64, 9206-9210.	3.2	25
105	Hydride abstraction from [PPN]2[HSb{Fe(CO)4}3] by alkyl iodides. <i>Journal of Organometallic Chemistry</i> , 1998, 557, 163-167.	1.8	7
106	Synthesis, characterization, and antitumor activity of new platinum(IV) trans-carboxylate complexes: Crystal structure of [Pt(cis-1,4-DACH)trans-(acetate)2Cl2]. <i>Journal of Inorganic Biochemistry</i> , 1998, 71, 29-35.	3.5	56
107	Site-Directed Alkylation of [EFe3(CO)9]2- (E = S, Se, Te) Mediated by the Chalcogenide. Synthesis, Spectroscopic Characterization, and Reactivity of [PPN][MeFe3(CO)9E] (E = Se, Te). <i>Organometallics</i> , 1998, 17, 5197-5201.	2.3	31
108	Bonding Analysis in Inorganic Transition-Metal Cubic Clusters. 3. Metal-Centered Tetracapped M9(μ45-E)4LnSpecies with a Tetragonal Distortion. <i>Inorganic Chemistry</i> , 1998, 37, 865-875.	4.0	25

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109	Structure and Stability of an Azoalkane ⁺ Iodine Complex. <i>Journal of Organic Chemistry</i> , 1998, 63, 5666-5667.	3.2	5
110	Synthesis and Structure of Pentavalent Bismuth(V) Alkoxides and Ligand Redistribution Equilibria in Solution. <i>Organometallics</i> , 1998, 17, 1347-1354.	2.3	29
111	Main Group ⁺ Transition Metal Cluster Compounds of the Group 15 Elements. <i>Advances in Organometallic Chemistry</i> , 1998, 42, 1-145.	1.0	113
112	Synthesis and Characterization of Novel Axial Dichloroplatinum(IV) Cisplatin Analogues: Crystal Structure of an Axial Dichloro Complex [Pt(cis-1,4-DACH)(trans-Cl ₂)(CBDCA)]·1/2MeOH. <i>Inorganic Chemistry</i> , 1997, 36, 5969-5971.	4.0	21
113	Halide Ion Addition to Bismuth-Containing Iron Carbonyl Compounds: A Synthesis and Characterization of the Two Bridged-Butterfly Cluster Compounds [Et ₄ N][(^{1/4} -H)Fe ₂ (CO) ₆ Bi ₂ { ^{1/4} -Fe(CO) ₄ }] and [{PhCH ₂ NMe ₃ }(^{1/4} -H)Fe ₂ (CO) ₆ Bi ₂ (^{1/4} -Cl) ₂] ⁺ and Stabilization of Reduced-Hypervalent Bismuth Centers by Coordination to a Metal Center in [PhCH ₂ NMe ₃] ₃ [BiCl ₄ (^{1/4} -Cl) ₄ {Fe(CO) ₃ }. <i>Inorganic Chemistry</i> , 1997, 36, 4387-4396.	4.0	18
114	Oligomerization and Oxide Formation in Bismuth Aryloxides: A Synthesis, Characterization, and Structures of [NaBi(OC ₆ F ₅) ₄ (THF)] ⁺ and Na ₄ Bi ₂ (^{1/4} -O)(OC ₆ F ₅) ₈ (THF) ₄ . <i>Inorganic Chemistry</i> , 1997, 36, 3335-3340.	4.0	45
115	Effect of Hybridization on Structure and Bonding of Cluster Compounds Possessing a Square-Pyramidal Fe ₃ (CO) ₉ E ₂ Core (E = Element of Group 15 or 16). <i>Inorganic Chemistry</i> , 1997, 36, 330-334.	4.0	17
116	Syntheses and X-ray Structures of Mixed-Ligand Salicylaldehyde Complexes of Mn(III), Fe(III), and Cu(II) Ions: A Reactivity of the Mn(III) Complex toward Primary Monoamines and Catalytic Epoxidation of Olefins by the Cu(II) Complex. <i>Inorganic Chemistry</i> , 1997, 36, 323-329.	4.0	106
117	Solution Dynamics of Thallium ⁺ Metal Carbonyl Compounds Using ²⁰⁵ Tl NMR Spectroscopy. <i>Inorganic Chemistry</i> , 1997, 36, 3152-3159.	4.0	19
118	Bis[bis(triphenylphosphine)iminium] Hexamolybdate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 68-70.	0.4	2
119	Synthesis and Characterization of the Carbide Cubane Cluster [Fe ₃ (CO) ₉ Te ₄ (^{1/4} -CTeBr ₄)] with an Unusual Tetrahedral CTe ₄ Unit. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1193-1194.	4.4	13
120	Synthese und Charakterisierung des Cubanclusters [Fe ₃ (CO) ₉ Te ₄ (^{1/4} -CTeBr ₄)] mit einer Carbid ⁺ Ecke und einer ungew ⁺ hnlichen tetraedrischen CTe ₄ -Einheit. <i>Angewandte Chemie</i> , 1997, 109, 1241-1242.	2.0	3
121	Isolation of a Bismuth Chloride ⁺ Iron Carbonyl Adduct: A Synthesis and Structural Characterization of [PhCH ₂ NMe ₃] ₂ [Bi ₂ Cl ₄ (^{1/4} -Cl) ₂ { ^{1/4} -Fe(CO) ₄ }. <i>Inorganic Chemistry</i> , 1996, 35, 4400-4405.	4.0	11
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