

John E Ellis

List of Publications by Year in descending order

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109321

35
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53
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138
all docs

138
docs citations

138
times ranked

1424
citing authors

#	ARTICLE	IF	CITATIONS
1	A Carbon-Free Sandwich Complex [(P5)2Ti]2-. Science, 2002, 295, 832-834.	12.6	229
2	The chemistry of metal carbonyl anions. Journal of Organometallic Chemistry, 1975, 99, 263-268.	1.8	166
3	Adventures with Substances Containing Metals in Negative Oxidation States. Inorganic Chemistry, 2006, 45, 3167-3186.	4.0	128
4	The reactivity patterns of metal carbonyl anions and their derivatives. Journal of Organometallic Chemistry, 1975, 86, 1-56.	1.8	125
5	Metal Carbonyl Anions: from [Fe(CO)4]2- to [Hf(CO)6]2- and Beyond. Organometallics, 2003, 22, 3322-3338.	2.3	119
6	Highly Reduced Metal Carbonyl Anions: Synthesis, Characterization, and Chemical Properties. Advances in Organometallic Chemistry, 1990, , 1-51.	1.0	113
7	Bis(1,2,3,4- λ^4 -anthracene)cobaltate(1 λ^-). Angewandte Chemie - International Edition, 2002, 41, 1211-1215.	13.8	85
8	Highly reduced organometallics. 23. Synthesis, isolation, and characterization of hexacarbonyltitanate(2-), (Ti(CO)6)2-. Titanium NMR spectra of carbonyltitanates. Journal of the American Chemical Society, 1988, 110, 303-304.	13.7	77
9	Bis(1,2,3,4- λ^4 -anthracene)ferrate(1 λ^-): A Paramagnetic Homoleptic Polyarene Transition-Metal Anion. Angewandte Chemie - International Edition, 2007, 46, 6132-6136.	13.8	69
10	Highly reduced organometallics. 28. Synthesis, isolation, and characterization of [K(cryptand) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 392]2[M(CO)6].cntdot.pyridine (M = Ti, Zr, and Hf). Journal of the American Chemical Society, 1990, 112, 6022-6025.	13.7	63
11	Chemistry of metal carbonyl anions. 6. Preparation and properties of metallodithiocarboxylate anions. Inorganic Chemistry, 1976, 15, 2031-2036.	4.0	61
12	Naphthalene and Anthracene Cobaltates(1 λ^-): Useful Storable Sources of an Atomic Cobalt Anion. Inorganic Chemistry, 2012, 51, 9076-9094.	4.0	58
13	A facile atmospheric pressure synthesis of the hexacarbonylmetalate ions, M(CO)6-, of niobium and tantalum. Organometallics, 1983, 2, 388-391.	2.3	55
14	First Conventional Syntheses and Isolation of Bis(naphthalene)metal(0) Complexes. Structural Characterization of V(λ^6 -C10H8)2. Organometallics, 1997, 16, 3582-3587.	2.3	53
15	The characterization of emthyl, η^6 -allyl, mixed metal and cationic derivatives of vanadium carbonyl. Journal of Organometallic Chemistry, 1975, 93, 205-217.	1.8	52
16	Highly reduced organometallics. 20. The first general synthetic route to zerovalent titanium carbonyls; synthesis and properties of Ti(CO)5(Me2PCH2CH2PMe2). Journal of the American Chemical Society, 1988, 110, 163-171.	13.7	52
17	Tris(λ^4 -naphthalene)- and Tris(1-4- λ^4 -anthracene)tantalate(1 λ^-): First Homoleptic Arene Complexes of Anionic Tantalum. Journal of the American Chemical Society, 2002, 124, 10258-10259.	13.7	52
18	Tris(λ^4 -naphthalene)zirconate(2 λ^-). Angewandte Chemie International Edition in English, 1994, 33, 1973-1975.	4.4	51

#	ARTICLE	IF	CITATIONS
19	Highly reduced organometallic anions. 1. Syntheses and properties of tetracarbonylmetalate(3-) anions of manganese and rhenium. Journal of the American Chemical Society, 1977, 99, 1801-1808.	13.7	50
20	Highly reduced organometallics. 5. Synthesis, properties, and the molecular structure of (Ph ₃ PAu) ₃ V(CO) ₅ , a gold-vanadium cluster. Journal of the American Chemical Society, 1981, 103, 6106-6110.	13.7	50
21	Highly reduced organometallics. 9. Synthesis and characterization of the tetrasodium tetracarbonylmetalates(4-) of chromium, molybdenum, and tungsten, Na ₄ M(CO) ₄ : their reactions with weak acids to generate H ₂ M ₂ (CO) ₈ (M = Cr, Mo, and W). Journal of the American Chemical Society, 1983, 105, 2296-2303.	13.7	45
22	Highly reduced organometallics. 35. Synthesis and chemistry of the first isolable bis(naphthalene)titanium complexes. Structural characterization of [Ti(η ⁴ -C ₁₀ H ₈) ₂ (SnMe ₃) ₂] ₂ . Journal of the American Chemical Society, 1993, 115, 11616-11617.	13.7	45
23	New PF ₃ and Carbonyl Chemistry of Tantalum. Chemistry - A European Journal, 1995, 1, 521-527.	3.3	45
24	First Paramagnetic Zerovalent Transition Metal Isocyanides. Syntheses, Structural Characterizations, and Magnetic Properties of Novel Low-Valent Isocyanide Complexes of Vanadium. Journal of the American Chemical Society, 2000, 122, 4678-4691.	13.7	43
25	The chemistry of metal carbonyl anions. Journal of Organometallic Chemistry, 1975, 97, 79-93.	1.8	42
26	The chemistry of metal carbonyl anions. Journal of Organometallic Chemistry, 1976, 120, 389-396.	1.8	42
27	First Isolation and Structural Characterization of Bis(Anthracene)Metal Complexes: [Ti(η ⁶ -C ₁₄ H ₁₀)(η ⁴ -C ₁₄ H ₁₀)(η ² -dmpe)] and [Ti(η ⁴ -C ₁₄ H ₁₀)(η ² -C ₁₄ H ₁₀)(η ⁵ -C ₅ Me ₅)] ⁺ . Angewandte Chemie - International Edition, 1998, 37, 155-158.	13.8	40
28	Syntheses and Properties of Homoleptic Carbonyl and Trifluorophosphane Niobates: [Nb(CO) ₆] ⁻ , [Nb(PF ₃) ₆] ⁻ and [Nb(CO) ₅] ₃ . Inorganic Chemistry, 1998, 37, 6518-6527.	4.0	38
29	Structurally Distinct Homoleptic Anthracene Complexes, [M(C ₁₄ H ₁₀) ₃] ²⁺ , M=Titanium, Zirconium, Hafnium: Tris(arene) Complexes for a Triad of Transition Metals. Angewandte Chemie - International Edition, 2008, 47, 8692-8695.	13.8	38
30	Highly reduced organometallics. 18. Tetracarbonylcyclopentadienylmetalates(1-) of titanium and zirconium. Structural characterization of tetraphenylarsonium tetracarbonylcyclopentadienyltitanate(1-). Journal of the American Chemical Society, 1986, 108, 1344-1345.	13.7	37
31	Highly reduced organometallics XXVII. Synthesis, isolation and characterization of trisodium tricarbonylcobaltate(3-), and initial studies on its derivative chemistry. Journal of Organometallic Chemistry, 1990, 383, 521-530.	1.8	37
32	Homoleptic Isocyanidemetalates of 4d- and 5d-Transition Metals: [Nb(CNXyl) ₆] ⁻ , [Ta(CNXyl) ₆] ⁻ , and Derivatives Thereof. Journal of the American Chemical Society, 2007, 129, 1141-1150.	13.7	37
33	A New Approach to Bis(arene)titanium(0) and -titanium(II) Complexes; Structure of Bis(arene)titanates(II). Angewandte Chemie International Edition in English, 1992, 31, 1495-1498.	4.4	36
34	Towards Homoleptic Naphthalenemetalates of the Later Transition Metals: Isolation and Characterization of Naphthalenecobaltates(II). Angewandte Chemie - International Edition, 2006, 45, 7268-7271.	13.8	36
35	Highly reduced organometallics. 4. Syntheses and chemistry of pentacarbonylvanadate(3-) ion, V(CO) ₅ ³⁻ . Journal of the American Chemical Society, 1981, 103, 6100-6106.	13.7	35
36	Highly reduced organometallics. Part 25. Reactions of trisodium tetracarbonylmetalates(3-) of manganese and rhenium with Brønsted acids and other electrophiles. Synthesis of H ₂ M(CO) ₄ ⁻ (M =) Tj ETQq0 0 0,rgBT /Overlock 10 Tf anionic species. Journal of the American Chemical Society, 1989, 111, 2131-2141.	13.7	35

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37	Syntheses and Structural Characterizations of the First 16-, 17-, and 18-Electron Homoleptic Isocyanide Complexes of Vanadium: Hexakis(2,6-dimethyl-phenyl isocyanide)vanadium(I, 0, $\hat{\alpha}$)1. <i>Journal of the American Chemical Society</i> , 1998, 120, 429-430.	13.7	35
38	Highly reduced organometallics. 32. Cyclopentadienyl and (pentamethylcyclopentadienyl) substituted heptacarbonyls of zero-valent titanium, zirconium, and hafnium, [(C5R5)M(CO)4]-, and derivatives thereof. <i>Organometallics</i> , 1993, 12, 1048-1057.	2.3	34
39	Transition Metal Carbonyl Compounds. <i>Inorganic Syntheses</i> , 2004, , 96-132.	0.3	34
40	[Fe(CNXyl)4]2 $\hat{\alpha}$ ˆ-: An Isolable and Structurally Characterized Homoleptic Isocyanidemetalate Dianion. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 598-600.	13.8	33
41	Highly reduced organometallics. 3. Tetrasodium tetracarbonylmetalates(4-) of chromium, molybdenum, and tungsten, Na4M(CO)4. <i>Journal of the American Chemical Society</i> , 1978, 100, 3605-3607.	13.7	32
42	Synthesis and properties of (triphenylphosphine)pentacarbonylvandium(0), V(CO)5Ph3P. <i>Inorganic Chemistry</i> , 1980, 19, 1082-1085.	4.0	32
43	Highly reduced organometallics. 19. Synthesis of carbonyl anions of titanium(0) from titanocene dicarbonyl. The first structural characterization of a carbonyl hydride of titanium. <i>Journal of the American Chemical Society</i> , 1987, 109, 5558-5560.	13.7	31
44	First Homoleptic Isocyanides of Niobium and Tantalum1. <i>Journal of the American Chemical Society</i> , 1999, 121, 9237-9238.	13.7	31
45	Synthesis, Isolation, and Characterization of Trisodium Tricarbonyliridate (3 $\hat{\alpha}$ ˆ-), Na3[Ir(CO)3]. Initial Studies on Its Derivative Chemistry and Structural Characterizations of trans-[Ir(CO)3(EPh3)2]-, E = Ge, Sn, and trans-[Co(CO)3(SnPh3)2]- $\hat{\alpha}$ ˆ-, 1. <i>Inorganic Chemistry</i> , 2001, 40, 5279-5284.	4.0	31
46	Synthesis and structure of the pentacarbonylmetalate dianions of chromium, molybdenum, and tungsten. <i>Journal of the American Chemical Society</i> , 1974, 96, 7825-7826.	13.7	30
47	Synthesis, characterization, and chemistry of pentacarbonylnitrosylvandium, V(CO)5NO, a remarkably reactive relative of hexacarbonylchromium. <i>Journal of the American Chemical Society</i> , 1983, 105, 2303-2307.	13.7	28
48	The tetracarbonyl trianions of manganese and rhenium, M(CO)4 3?. <i>Journal of the Chemical Society Chemical Communications</i> , 1975, , 966.	2.0	27
49	Highly reduced organometallics. 31. Amine carbonyls of zerovalent titanium, zirconium, and hafnium. Structural characterization of (1,4,7-trimethyl-1,4,7-triazacyclononane)tetracarbonyltitanium(0). <i>Journal of the American Chemical Society</i> , 1992, 114, 10676-10677.	13.7	27
50	New Surprises in Metal Carbonyl Chemistry. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2489-2491.	4.4	27
51	Six- and seven-coordinate main group IV metal derivatives of pentacarbonylvandate (3-) ion. structural characterization of tetraethylammonium bis (Triphenylstannyl)-pentacarbonyl vandate. <i>Journal of Organometallic Chemistry</i> , 1981, 216, 191-209.	1.8	26
52	[Ti(CO)4($\hat{\imath}$ -3-BH4)] $\hat{\alpha}$ ˆ- and [Ti(CO)4($\hat{\imath}$ -5-C4H4N)] $\hat{\alpha}$ ˆ-: The First Zerovalent Metal Complexes Containing $\hat{\imath}$ -3-Borohydride and Pyrrolyl Ligands. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 189-191.	13.8	26
53	Tris(1-4- $\hat{\imath}$ -anthracene)niobate(1 $\hat{\alpha}$ ˆ-), the first polyaromatic hydrocarbon complex of niobium. <i>Chemical Communications</i> , 2002, , 2356.	4.1	26
54	Chemistry of metal carbonyl anions. 8. Derivatives of pentacarbonylvandate(-III), V(CO)53-. <i>Journal of the American Chemical Society</i> , 1976, 98, 8264-8264.	13.7	25

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55	The chemistry of metal carbonyl anions. <i>Journal of Organometallic Chemistry</i> , 1976, 111, 331-337.	1.8	25
56	Hexacarbonylzirconate(2 ⁻), [Zr(CO) ₆] ²⁻ : The First Binary Carbonyl Complex of Zirconium. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 1190-1191.	4.4	25
57	Derivatives of tricarbonylmetallates(III) of cobalt, rhodium, and iridium. <i>Journal of the Chemical Society Chemical Communications</i> , 1977, , 686-687.	2.0	24
58	Electrochemistry and Infrared Spectroelectrochemistry of the Substituted Phosphine Complexes, XTa(CO) ₄ (dppe) (X = I, Br) and XM(CO) ₂ (dppe) ₂ (X = H, I, Br, Cl; M = Nb, Ta). <i>Inorganic Chemistry</i> , 1995, 34, 1552-1561.	4.0	24
59	Highly reduced organometallics 42. A new method for the syntheses of [V(CO) ₆] ⁻ and [V(PF ₃) ₆] ⁻ involving anthracene mediated reductions of VCl ₃ (THF) ₃ . <i>Inorganica Chimica Acta</i> , 1998, 269, 58-62.	2.4	24
60	From Storable Sources of Atomic Nb ⁺ and Ta ⁺ Ions to Isolable Anionic Tris(1,3-butadiene)metal Complexes: [M(1 ⁻) ₄] ⁻ H ₆ ₃ ⁺ , M=Nb, Ta. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 484-489.	13.8	24
61	The Chatt reaction: conventional routes to homoleptic arenometalates of d-block elements. <i>Dalton Transactions</i> , 2019, 48, 9538-9563.	3.3	24
62	Highly reduced organometallics. 17. Synthesis, isolation, and characterization of hydridopentacarbonylmetalate(2-) anions of vanadium, niobium, and tantalum: HM(CO) ₅ ²⁻ . <i>Journal of the American Chemical Society</i> , 1984, 106, 5016-5017.	13.7	22
63	Highly reduced carbonyls of the early transition metals. <i>Polyhedron</i> , 1989, 8, 1611-1614.	2.2	22
64	Synthesis and characterization of (trialkylstannyl)hexacarbonyltitanate ([R ₃ SnTi(CO) ₆] ⁻), a new class of titanium carbonyls. Molecular structure of (tricyclohexylstannyl)hexacarbonyltitanate [(C ₆ H ₁₁) ₃ SnTi(CO) ₆] ⁻ . <i>Inorganic Chemistry</i> , 1993, 32, 4998-4999.	4.0	22
65	Highly reduced organometallics. 10. Synthesis and chemistry of the pentacarbonylmetalate(3-) ions of niobium and tantalum, M(CO) ₅ ³⁻ . <i>Journal of the American Chemical Society</i> , 1983, 105, 672-672.	13.7	21
66	Novel gold derivatives of titanium carbonyl and structural characterization of a compound containing an unsupported gold-titanium bond: [Ti(CO) ₆ (AuPEt ₃)] ⁻ . <i>Chemical Communications</i> , 1997, , 1249-1250.	4.1	21
67	A vanadium carbonyl trihydride, H ₃ V(CO) ₃ diars. <i>Journal of the American Chemical Society</i> , 1977, 99, 626-627.	13.7	20
68	[M(CO) ₄ {CH ₃ C(CH ₂ PMe ₂) ₃ }], M = Ti, Zr, Hf, Complexes of Zerovalent Titanium, Zirconium, and Hafnium. First Structural Characterization of a ZrO-Carbonyl Complex. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 437-438.	4.4	20
69	Highly reduced organometallics. Part 26. Tricarbonyl(phosphine)ferrates(2-), Fe(CO) ₃ (PR ₃) ₂ ⁻ and their derivatives. <i>Organometallics</i> , 1989, 8, 1350-1361.	2.3	20
70	Novel Alkoxo- and Aryloxotitanium Carbonyls. Structural Characterization of [Ti(CO) ₄ (1/4-OPh)] ₂ . <i>Journal of the American Chemical Society</i> , 1997, 119, 5980-5981.	13.7	20
71	Highly reduced organometallics. 14. Six- and seven-coordinate organotin derivatives of the tetrasodium tetracarbonylmetalates(4-) of chromium, molybdenum, and tungsten. <i>Organometallics</i> , 1983, 2, 1145-1150.	2.3	19
72	Synthesis and characterization of zerovalent polynuclear metal carbonyl compounds of chromium, molybdenum, and tungsten. X-ray crystal structure of [Me ₄ N] ₃ [W ₃ (CO) ₉ (.mu.-OC ₂ H ₅)(.mu. ₃ -OC ₂ H ₅) ₂]. <i>Organometallics</i> , 1982, 1, 682-689.	2.3	18

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73	Molecular structure and chemical properties of tetraethylammonium tris(triphenylstannyl)tetracarbonylchromate ([Et ₄ N][(Ph ₃ Sn) ₃ Cr(CO) ₄]), a chromium carbonyl complex containing seven unidentate ligands. <i>Organometallics</i> , 1984, 3, 1288-1292.	2.3	18
74	Highly reduced organometallics. 16. Synthesis, isolation, and characterization of the tricarbonylcyclopentadienylmetalate(2-) anions of niobium and tantalum, C ₅ H ₅ M(CO) ₃ ²⁻ . <i>Organometallics</i> , 1984, 3, 230-233.	2.3	18
75	Highly reduced organometallics. 21. Halocarbonyls of Group 4 elements. Synthesis, characterization, and molecular structure of (C ₅ Me ₅)Hf(CO) ₂ (Me ₂ PCH ₂ CH ₂ PMe ₂)Cl. <i>Organometallics</i> , 1987, 6, 2017-2018.	2.3	18
76	Highly reduced organometallics. 33. Carbonyl hydrides of titanium and corresponding carbonyltitanates. <i>Journal of the American Chemical Society</i> , 1993, 115, 4066-4075.	13.7	18
77	Triyltitanium Complexes. X-ray Structural Characterization of [Ti(CO) ₄ (η -5-C(4-C ₆ H ₄ R) ₃)]-(R = H, Tj ETQq1 1 0.784314 rgBT / Overlo	2.3	18
78	Syntheses and Structural Characterizations of cis-[M(NO) ₂ (CNXyl) ₄] ⁺ (M = Nb, Ta; Xyl = 2,6-Me ₂ C ₆ H ₃). The First Dinitrosyls of Niobium and Tantalum. <i>Organometallics</i> , 1999, 18, 2744-2746.	2.3	18
79	Synthesis and characterization of titanium tetrakisocyanide complexes, [CpTi(CNXyl) ₄ E], E = I, SnPh ₃ , and SnMe ₃ . <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1536-1542.	1.8	18
80	Highly reduced organometallics. 7. The synthesis of alkyl and phenyl isocyanide and related monosubstituted vanadium carbonyl anions, V(CO) ₅ L ⁻ , by the thermal substitution of (amine)pentacarbonylvandate(1-), V(CO) ₅ NH ₃ ⁻ . <i>Organometallics</i> , 1982, 1, 898-903.	2.3	17
81	Highly reduced organometallics. <i>Journal of Organometallic Chemistry</i> , 1983, 250, 265-276.	1.8	17
82	The teaching of organometallic chemistry to undergraduates. <i>Journal of Chemical Education</i> , 1976, 53, 2.	2.3	16
83	Eight-Coordinate Metal Carbonyls Containing Only Monodentate Ligands. Syntheses and Structural Characterization of [nPr ₄ N] ₂ [(Ph ₃ Sn) ₄ M(CO) ₄], M = Zr, Hf. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 194-196.	4.4	16
84	New classes of zerovalent zirconium carbonyls and related species. Structural characterizations of [Zr(CO) ₅ (SnMe ₃) ₂] ²⁺ and [Zr(CO) ₄ (dppe)SnMe ₃] ⁺ , dppe = Ph ₂ PCH ₂ CH ₂ PPh ₂ . <i>Journal of Organometallic Chemistry</i> , 1996, 507, 283-286.	1.8	16
85	Highly reduced organometallics. 15. Coordinatively unsaturated tetranuclear hydrido carbonyl clusters of molybdenum and tungsten. Structural characterization of tetrakis(tetrapropylammonium) tetrakis(tricarbonylhydromolybdate) ([n-C ₃ H ₇) ₄ N] ₄ [HMo(CO) ₃] ₄). <i>Journal of the American Chemical Society</i> , 1983, 105, 6252-6258.	13.7	15
86	Highly reduced organometallics Part 49. Reaction of hexacarbonyltitanate(2 ⁺) with azobenzene. Structural characterization of the first hydroxo-carbonyl of titanium [Ti(η -5-C ₅ H ₄ OH) ₂ (CO) ₈] ²⁺ . <i>Journal of Organometallic Chemistry</i> , 2000, 593-594, 354-360.	1.8	15
87	Effect of Spin-Orbit Coupling on Phonon-Mediated Magnetic Relaxation in a Series of Zero-Valent Vanadium, Niobium, and Tantalum Isocyanide Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 18553-18560.	4.0	15
88	Convenient nonphotolytic route to substituted carbonyl anions of vanadium, niobium, and tantalum. <i>Inorganic Chemistry</i> , 1976, 15, 3168-3169.	4.0	14
89	Characterization of pentacarbonylvandate(III) and hydridopentacarbonylvandate(II) by ¹³ C, ¹⁵ V, and ¹ H n.m.r. spectroscopy. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 893-894.	2.0	14
90	Synthesis, characterization, and properties of the pentamethylcyclopentadienyltetra-carbonylmetalates(0) of titanium and zirconium. Anionic and carbocyclic derivatives of zerovalent group 4 carbonyls, (C ₅ Me ₅)M(CO) ₄ ⁻ . <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 331.	2.0	12

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91	Hexacarbonylzirconat(2 ⁺), [Zr(CO) ₆] ²⁺ : Der erste binäre Carbonylkomplex von Zirconium. <i>Angewandte Chemie</i> , 1987, 99, 1203-1204.	2.0	12
92	A new route to substituted vanadium carbonyl anions. Syntheses of alkyl and aryl isocyanidepentacarbonylvanadate(1-) complexes, V(CO) ₅ CNR ⁻ . <i>Journal of Organometallic Chemistry</i> , 1981, 214, C33-C35.	1.8	11
93	Highly reduced organometallics. 13. Synthesis and chemistry of the tricarbonylnitrosylmanganate(2-) ion, Mn(CO) ₃ NO ²⁻ . <i>Journal of the American Chemical Society</i> , 1983, 105, 1689-1690.	13.7	11
94	A total loss of innocence: double ortho-metallation of bis(triphenylphosphano)iminium cation, [N(PPh ₃) ₂] ⁺ , by tris(1-naphthalene)tantalate(1 ⁻). <i>Chemical Communications</i> , 2008, , 5642.	4.1	11
95	Ta(CNDipp) ₆ : An Isocyanide Analogue of Hexacarbonyltantalum(0). <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10577-10581.	13.8	11
96	Highly reduced organometallics. <i>Journal of Organometallic Chemistry</i> , 1983, 250, 277-290.	1.8	10
97	[M(CO) ₄]{CH ₃ C(CH ₂) ₂ PMe ₂ } ₃ , M = Ti, Zr, Komplexe mit nullwertigem Titan, Zirconium und Hafnium; die erste strukturelle Charakterisierung eines Zr ⁰ -Carbonylkomplexes. <i>Angewandte Chemie</i> , 1988, 100, 408-409.	2.0	10
98	Synthesis of the first anionic derivatives of Hf(CO) ₇ : [(C ₅ H ₅)Hf(CO) ₄] ⁻ and [(C ₅ Me ₅)Hf(CO) ₄] ⁻ . <i>Journal of Organometallic Chemistry</i> , 1989, 359, C41-C44.	1.8	10
99	Synthesis and ligand substitution reactions of [Ta(CO) ₅ NH ₃] ⁻ . <i>Inorganica Chimica Acta</i> , 1995, 240, 379-384.	2.4	10
100	Bis(pyrene)metal complexes of vanadium, niobium and titanium: isolable homoleptic pyrene complexes of transition metals. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 749-753.	0.5	10
101	Scandium complexes with the tetraphenylethylene and anthracene dianions. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 769-781.	0.5	10
102	New classes of zerovalent titanium carbonyls; first structural characterisation of a seven-co-ordinate titanium complex containing only unidentate ligands: Ti(CO) ₅ (SnPh ₃) ₂ . <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 1013.	2.0	9
103	Neue Überraschungen aus der Chemie der Metallcarbonyle. <i>Angewandte Chemie</i> , 1995, 107, 2695-2697.	2.0	9
104	Highly reduced organometallics 52. Synthesis and chemistry of tricarbonylnitrosylmanganate(2 ⁻), [Mn(CO) ₃ (NO)] ²⁻ . <i>Inorganica Chimica Acta</i> , 2000, 300-302, 675-682.	2.4	9
105	Techniques in the Handling of Highly Reduced Organometallics. <i>ACS Symposium Series</i> , 1987, , 34-78.	0.5	7
106	Achtfach koordinierte Metallcarbonyle mit ausschließlich einähnigen Liganden: Synthese und Struktur von [Pr ₄ N] ₂ [(Ph ₃ Sn) ₄ M(CO) ₄], M = Zr, Hf. <i>Angewandte Chemie</i> , 1991, 103, 196-197.	2.0	7
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109	Crystal structures and spectroscopic characterization of $\langle M \rangle \text{Br}_2(\text{CNXyl})_2$ ($\langle M \rangle = \text{Fe}$ and Co , $\langle n \rangle = 4$; $\langle M \rangle = \text{Ni}$, $\langle n \rangle = 2$; Xyl = 2,6-dimethylphenyl), and of formally zero-valent iron as a cocrystal of $\text{Fe}(\text{CNXyl})_5$ and $\text{Fe}_2(\text{CNXyl})_9$. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1118-1127.	0.5	6
110	Niobium isocyanide complexes, $\text{Nb}(\text{CNAr})_6$, with Ar = 2,6-dimethylphenyl (Xyl), a diamagnetic dimer containing four reductively coupled isocyanides, and Ar = 2,6-diisopropylphenyl (Dipp), a paramagnetic monomer analogous to the highly unstable hexacarbonylniobium(0). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1259-1265.	0.5	5
111	Heterobinuclear Nonacarbonyl Complexes and Hydride Complexes of Iron-Chromium, Iron-Molybdenum, and Iron-Tungsten. <i>Inorganic Syntheses</i> , 2007, , 335-341.	0.3	4
112	(2.2.2-Cryptand)potassium tetrakis($\hat{1}$ -ethylene)cobaltate($\hat{1}$). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1257-m1258.	0.2	3
113	([2.2.2]Cryptand- $\hat{1}^6$)potassium ($\hat{1}^4$ -cyclooctadiene)bis($\hat{1}^2$ -pyrene)cobaltate($1\hat{a}''$) pentane hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1013-m1014.	0.2	3
114	(18-Crown-6)potassium [(1,2,5,6- $\hat{1}$ -cycloocta-1,5-diene)[(1,2,3,4- $\hat{1}$ -naphthalene]ferrate(\hat{a}'')). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1230-m1231.	0.2	3
115	Crystal structure of heptakis(2,6-dimethylphenyl isocyanide- $\hat{1}^9$)vanadium(I) iodide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 431-434.	0.5	3
116	Syntheses and crystal structures of new naphthalene- and anthracene- vanadate salts and an unprecedented dimetallabis(anthracene) sandwich complex: $[\text{Na}(\text{tetrahydrofuran})_3][\text{V}_2(\text{anthracene})_2]$. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2022, 78, 148-163.	0.5	3
117	Adventures with Substances Containing Metals in Negative Oxidation States. <i>Inorganic Chemistry</i> , 2006, 45, 5710-5710.	4.0	2
118	Mononuclear pentacarbonyl hydrides of chromium, molybdenum, and tungsten. <i>Inorganic Syntheses</i> , 2007, , 181-184.	0.3	2
119	($\hat{1}$ -4-Cyclooctatetraene)($\hat{1}$ -8-cyclooctatetraene)iodidotantalum(V). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m245-m246.	0.2	2
120	Bis{bis[1-methoxy-2-(2-methoxyethoxy)ethane- $\hat{1}^3$] $\langle \text{O} \rangle$, $\langle \text{O} \rangle^2$, $\langle \text{O} \rangle^2$ }sodium} 1,1,2,2-tetraphenylethane-1,2-diide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m249-m250.	0.2	2
121	Homoleptic 2,2'-bipyridine metalates(\hat{a}'') of iron and cobalt, one cocrystallized with an anthracene radical anion and the other with neutral anthracene. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 828-832.	0.5	2
122	Crystal structures of two novel iron isocyanides from the reaction of 2,6-dimethylphenyl isocyanide, CNXyl, with bis(anthracene)ferrate(\hat{a}''). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 60-65.	0.5	2
123	Tricarbonyl Phosphine, Phosphite, and Arsine Derivatives of Cobalt(I). <i>Inorganic Syntheses</i> , 2007, , 174-182.	0.3	1
124	Bis($\hat{1}$ -6-naphthalene)molybdenum(0). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m220-m220.	0.2	1
125	Crystal structure of (18-crown-6)potassium(I) [(1,2,3,4,5- $\hat{1}$ -cycloheptadienyl)[(1,2,3- $\hat{1}$ -cycloheptatrienyl]cobalt(I). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 291-295.	0.5	1
126	Tantalum isocyanide complexes: $\text{Ta}(\text{CNDipp})_6$ (Dipp is 2,6-diisopropylphenyl) and ionic $[\text{Ta}(\text{CNDipp})_7][\text{Ta}(\text{CNDipp})_6]$, a formal disproportionation product of the 17-electron Ta^0 metalloradical $\text{Ta}(\text{CNDipp})_6$. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 135-140.	0.5	1

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128	Metal Carbonyl Anions: From [Fe(CO)4]2- to [Hf(CO)6]2- and Beyond. ChemInform, 2003, 34, no.	0.0	0
129	Ta(CNDipp) ₆ : An Isocyanide Analogue of Hexacarbonyltantalum(0). Angewandte Chemie, 2017, 129, 10713-10717.	2.0	0
130	Crystal structure of [(1,2,3,4,11,12-î)-anthracene]tris(trimethylstannyl)cobalt(III). Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 312-315.	0.2	0