

# Roger E Cramer

## List of Publications by Year in descending order

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114  
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189892

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115  
docs citations

115  
times ranked

1900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Dehydrogenation of Cycloalkanes to Arenes by a Dihydrido Iridium Pincer Complex. <i>Journal of the American Chemical Society</i> , 1997, 119, 840-841.	13.7	253
2	A uranium-carbon multiple bond. Crystal and molecular structure of $(\eta^5\text{-C}_5\text{H}_5)_3\text{U}(\text{C}_6\text{H}_5)_2$ . <i>Journal of the American Chemical Society</i> , 1981, 103, 3589-3590.	13.7	129
3	Uranium carbon multiple-bond chemistry. 3. Insertion of acetonitrile and the formation of a uranium nitrogen multiple bond. <i>Journal of the American Chemical Society</i> , 1984, 106, 1853-1854.	13.7	104
4	Enantioselective synthesis of platinum group metal complexes with the chiral PCP pincer ligand $\text{R,R}\text{-}[\text{C}_6\text{H}_4\text{-2,6-(CH}_2\text{P}^*\text{PhBut)}_2]$ . The crystal structure of $\text{R,R-PdCl}[\text{C}_6\text{H}_3\text{-2,6-(CH}_2\text{P}^*\text{PhBut)}_2]$ . <i>Journal of Organometallic Chemistry</i> , 2002, 654, 44-50.	1.8	94
5	Evidence for diastereomers of the [platinum(N,N,N',N'-tetramethylethylenediamine)(guanosine) $_2$ ] $^{2+}$ cation. <i>Journal of the American Chemical Society</i> , 1979, 101, 3679-3681.	13.7	80
6	Crystal and molecular structure of $\text{cis-}[\text{Pt}(\text{NH}_3)_2(\text{Guo})_2]\text{Cl}_3/2(\text{ClO}_4)_1/2.7\text{H}_2\text{O}$ and anticancer activity of $\text{cis-}[\text{Pt}(\text{NH}_3)_2(\text{Puo})_2]\text{Cl}_2$ complexes. <i>Inorganic Chemistry</i> , 1980, 19, 148-154.	4.0	80
7	A metal ion complex of vitamin B1: the preparation and structure of $\text{Cd}(\text{thiamine})\text{Cl}_3 \cdot 0.6\text{H}_2\text{O}$ . <i>Journal of the American Chemical Society</i> , 1981, 103, 76-81.	13.7	70
8	$\text{N}_2$ activation on a molybdenum-titanium-sulfur cluster. <i>Nature Communications</i> , 2018, 9, 3200.	12.8	67
9	Structural diversity of sulfide tantalum and niobium complexes containing half-sandwich $\text{Cp}^*\text{Ta}$ and $\text{Cp}^*\text{Nb}$ fragments. <i>Organometallics</i> , 1993, 12, 352-364.	2.3	64
10	The Structures of Four Isomeric Dihydrofuran-Containing Cembranoid Diterpenes from Several Species of Soft Coral. <i>Journal of Natural Products</i> , 1987, 50, 650-659.	3.0	62
11	Asymmetric Cyclopentannulation. Axial to Tetrahedral Chirality Transfer. <i>Journal of the American Chemical Society</i> , 1999, 121, 9895-9896.	13.7	61
12	Diastereotopic exchange in the square-planar platinum(II) complex, (N,N'-dimethylethylenediamine)bis(guanosine)platinum(II). <i>Inorganic Chemistry</i> , 1985, 24, 3420-3424.	4.0	58
13	A Nitrogenase Cluster Model $[\text{Fe}_8\text{S}_6\text{O}]$ with an Oxygen Unsymmetrically Bridging Two Proto- $\text{Fe}_4\text{S}_3$ Cubes: Relevancy to the Substrate Binding Mode of the FeMo Cofactor. <i>Inorganic Chemistry</i> , 2012, 51, 11217-11219.	4.0	58
14	Carbon monoxide insertion into a uranium carbon double bond. The structure of $(\eta^5\text{-C}_5\text{H}_5)_3\text{U}(\eta^2\text{-OCCH})\text{P}(\text{CH}_3)(\text{C}_6\text{H}_5)_2$ . <i>Organometallics</i> , 1982, 1, 869-871.	2.3	52
15	Cleavage of a carbon-sulfur bond in $[\text{Nb}(\text{SCH}_2\text{CH}_2\text{S})_3]$ -leading to formation of a sulfide and tpdt ligand in $[\text{NbS}(\text{SCH}_2\text{CH}_2\text{S})(\text{SCH}_2\text{CH}_2\text{SCH}_2\text{CH}_2\text{S})]$ . <i>Journal of the American Chemical Society</i> , 1986, 108, 1358-1359.	13.7	51
16	The tetrachloroplatinate(2-)/thiamin system. Structures of a complex, $\text{Pt}(\text{thiamin})\text{Cl}_3 \cdot \text{H}_2\text{O}$ , and two salts, $(\text{Hthiamin})(\text{PtCl}_4)$ and $(\text{Hthiamin})_2(\text{PtCl}_4)(\text{Cl})_2 \cdot 2\text{H}_2\text{O}$ . <i>Inorganic Chemistry</i> , 1988, 27, 123-130.	4.0	50
17	Trans Influence of Phosphines on Dimer-Monomer Interconversion of 2-Pyridinethiolate Complexes: Structures of $[\text{Pd}(\mu\text{-}\eta^2\text{-pyS-N,S})\text{Cl}(\text{L})]_2$ ( $\text{L} = \text{PMe}_2\text{Ph}$ , $\text{PMePh}_2$ ) and $\text{Pd}(\eta^2\text{-pyS})\text{Cl}(\text{PPh}_3)$ . <i>Inorganic Chemistry</i> , 1995, 34, 60-65.	4.0	50
18	Reaction of $(\eta^5\text{-C}_5\text{H}_5)_3\text{UCl}$ with lithiated phosphoylides. Preparation of some mono-, bis-, and tris(cyclopentadiene)uranium(IV) phosphoylide complexes. <i>Inorganic Chemistry</i> , 1981, 20, 2466-2470.	4.0	49

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19	Crystal and molecular structure of $(\eta^5\text{-C}_5\text{H}_5)_3\text{U} = \text{CHP}(\text{CH}_3)_2(\text{C}_6\text{H}_5)$ . A compound with a uranium-carbon multiple bond. <i>Organometallics</i> , 1983, 2, 1336-1340.	2.3	49
20	Synthesis and crystal and molecular structure of a copper(I) complex of vitamin B1, dichloro(thiamin)copper. <i>Journal of the American Chemical Society</i> , 1984, 106, 111-116.	13.7	49
21	A homoleptic uranium thiolate: synthesis, structure, and fluxional behavior of $[\text{Li}(\text{dme})]_4[\text{U}(\text{SCH}_2\text{CH}_2\text{S})_4]$ and reaction with carbon disulfide. <i>Inorganic Chemistry</i> , 1990, 29, 4928-4938.	4.0	43
22	Multiple-bond character in $\text{Cp}_3\text{U}:\text{CHPMe}_3$ : first low-temperature neutron diffraction analysis of a uranium organometallic complex. <i>Organometallics</i> , 1990, 9, 694-697.	2.3	43
23	Isocyanide Insertion into a Uranium-Carbon Double Bond. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 912-913.	4.4	42
24	Uranium-carbon multiple-bond chemistry. Part 7. The reaction of $\text{Cp}_3\text{U}:\text{CHP}(\text{CH}_3)(\text{C}_6\text{H}_5)_2$ with diphenylamine and the structure of $\text{Cp}_3\text{UN}(\text{C}_6\text{H}_5)_2$ . <i>Organometallics</i> , 1987, 6, 41-45.	2.3	42
25	Synthesis and structure of $\text{Cp}_3\text{U}\text{Li}\frac{3}{4}\text{CHPMe}_3$ : A compound with a $\text{U}\text{Li}\frac{3}{4}\text{C}$ multiple bond. <i>Chemische Berichte</i> , 1988, 121, 417-420.	0.2	42
26	Preparation, solution dynamics, and x-ray structure of bis(pentamethylcyclopentadienyl)actinide complexes of chelating phosphorus ylides. <i>Organometallics</i> , 1989, 8, 1192-1199.	2.3	42
27	Preparation, structure, and bonding in an organoactinide imide, $\text{Cp}_3\text{AnNPPh}_3$ (An = uranium, thorium): a comparison of the bonding of uranium to nitrogen- and oxygen-donor ligands. <i>Organometallics</i> , 1988, 7, 841-849.	2.3	39
28	Nuclear magnetic resonance contact shifts and delocalization mechanisms in octahedral nickel(II) complexes. <i>Journal of the American Chemical Society</i> , 1970, 92, 66-70.	13.7	38
29	Structure and bonding of a nearly homoleptic uranium phosphoylide complex. <i>Journal of the American Chemical Society</i> , 1984, 106, 5920-5926.	13.7	38
30	Triphenylmethylphosphonium trichloro(caffeine)platinum(II) $[\text{P}(\text{C}_6\text{H}_5)_3(\text{CH}_3)][\text{PtCl}_3(\text{caffeine})]$ , structure and anticancer activity. <i>Inorganic Chemistry</i> , 1981, 20, 2457-2461.	4.0	37
31	Uranium-carbon multiple bond chemistry. 2. Coupling of bridging and terminal carbonyls in the formation of an iron $(\eta^1\text{-}\eta^3\text{-allyl})$ complex. <i>Journal of the American Chemical Society</i> , 1983, 105, 6749-6750.	13.7	37
32	(2E,9E)-Pyronaamidine 9-(N-Methylimine), a New Imidazole Alkaloid from the Northern Mariana Islands Sponge <i>Leucettasp. cf. chagosensis</i> . <i>Journal of Natural Products</i> , 1997, 60, 712-715.	3.0	37
33	Crystal and molecular structure of a biscyclopentadienyluranium(IV) phosphoylide dimer, $[\mu\text{-}(\text{CH})(\text{CH}_2)\text{P}(\text{C}_6\text{H}_5)_2\text{U}(\text{C}_5\text{H}_5)_2]_2(\text{C}_2\text{H}_5)_2\text{O}$ . <i>Journal of the American Chemical Society</i> , 1978, 100, 5562-5564.	13.7	35
34	Uranium-carbon multiple-bond chemistry. 9. The insertion of phenyl isocyanate into the uranium-carbon bond of $\text{Cp}_3\text{U}:\text{CHP}(\text{Ph})(\text{R})(\text{Me})$ to form $\text{Cp}_3\text{U}[(\text{NPh})(\text{O})\text{CCHP}(\text{Ph})(\text{R})(\text{Me})]$ . <i>Organometallics</i> , 1987, 6, 2010-2012.	2.3	34
35	Calculation of lanthanide induced shifts from molecular structure. <i>Journal of the American Chemical Society</i> , 1974, 96, 4125-4131.	13.7	33
36	Uranium-carbon multiple-bond chemistry. 4. Addition of coordinated carbon monoxide across a uranium-carbon multiple bond. <i>Journal of the American Chemical Society</i> , 1984, 106, 7245-7247.	13.7	33

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37	Synthesis and Structure of a Mo <sub>3</sub> S <sub>4</sub> Cluster Complex with Seven Cluster Electrons. <i>Inorganic Chemistry</i> , 1996, 35, 1743-1746.	4.0	33
38	The Structures of [24-Pyrimidinium crown-6][Au(CN) <sub>2</sub> ] <sub>4</sub> (NO <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O, [24-Pyrimidinium crown-6][Au(CN) <sub>2</sub> ] <sub>6</sub> ·5H <sub>2</sub> O, and [16-Pyrimidinium crown-4][Au(CN) <sub>2</sub> ] <sub>4</sub> ·6.5 H <sub>2</sub> O, in Which Auophilic Interactions Produce Trimers, Tetramers, and Chains of Au(CN) <sub>2</sub> -Ions. <i>Inorganic Chemistry</i> , 1998, 37, 5895-5901.	4.0	33
39	Organoactinide-phosphoylide chemistry. Crystal and molecular structure of [(μ <sub>2</sub> -CH)(CH <sub>2</sub> )P(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> U(C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> ] <sub>2</sub> ·5(C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> O and M-[(μ <sub>2</sub> -S-CH)(CH <sub>2</sub> )P(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> U(C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> ] <sub>2</sub> ·C <sub>5</sub> H <sub>12</sub> . <i>Inorganic Chemistry</i> , 1980, 19, 2564-2569.	4.0	31
40	Structure of N-methyl-N'-nitro-N-nitrosoguanidine. <i>Journal of the American Chemical Society</i> , 1984, 106, 239-243.	13.7	31
41	Synthesis and structure of the chloride and nitrate inclusion complexes of [16-pyrimidinium crown-4] <sub>4</sub> <sup>+</sup> . <i>Journal of the American Chemical Society</i> , 1991, 113, 7033-7034.	13.7	31
42	A heteroatom-stabilized neutral imine organoactinide complex: x-ray structure of dichlorobis(pentamethylcyclopentadienyl)uranium(IV) phosphine imine. <i>Organometallics</i> , 1989, 8, 2327-2330.	2.3	28
43	Synthesis, characterization, and anticancer activities of the first platinum complexes from sucrose. <i>Journal of Medicinal Chemistry</i> , 1993, 36, 1791-1795.	6.4	28
44	Crystal and molecular structure of tris(ethylenediamine)nickel(II) tetraphenylborate-tris(dimethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 in tris(ethylenediamine) metal complexes. <i>Inorganic Chemistry</i> , 1978, 17, 365-374.	4.0	27
45	Magnesium-aluminium alkoxides: The synthesis of Mg[Al(OR) <sub>4</sub> ] <sub>2</sub> (R = Busec and Ph), structure of (thf) <sub>2</sub> Mg[(1/4-OPh) <sub>2</sub> Al(OPh) <sub>2</sub> ] <sub>2</sub> , and dynamic NMR of Mg[Al(OBusec) <sub>4</sub> ] <sub>2</sub> . <i>Polyhedron</i> , 1994, 13, 1045-1050.	2.2	27
46	Synthesis of sulfido(pentamethylcyclopentadienyl)tantalum complex (C <sub>5</sub> Me <sub>5</sub> )Ta(S) <sub>3</sub> <sup>2-</sup> and the structure of a hexagonal-prismatic Ta <sub>2</sub> Li <sub>4</sub> S <sub>6</sub> core. <i>Journal of the American Chemical Society</i> , 1989, 111, 782-783.	13.7	26
47	Crystal and molecular structure and isotropic hydrogen-1 nuclear magnetic resonance shifts of hexakis(acetic acid)nickel(II) tetrafluoroborate [Ni(AcOH) <sub>6</sub> ](BF <sub>4</sub> ) <sub>2</sub> . <i>Inorganic Chemistry</i> , 1975, 14, 2462-2466.	4.0	24
48	[Et <sub>4</sub> N][M(SCH <sub>2</sub> CH <sub>2</sub> S) <sub>3</sub> ] (M=Nb, Ta), Homoleptic 1,2-Ethanedithiolate Complexes of Niobium and Tantalum. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 86-87.	4.4	24
49	Crystal and molecular structure of tris(ethylenediamine)nickel(II) acetate dihydrate, [Ni(NH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> NH <sub>2</sub> ) <sub>3</sub> ](O <sub>2</sub> C <sub>2</sub> H <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O. <i>Inorganic Chemistry</i> , 1976, 15, 529-535.	4.0	23
50	Synthesis and Characterization of Structurally Diverse Alkaline-Earth Salen Compounds for Subterranean Fluid Flow Tracking. <i>Inorganic Chemistry</i> , 2018, 57, 2402-2415.	4.0	23
51	Allyl <sup>κ</sup> -palladium compounds with fluorinated benzenethiolate ligands. X-ray crystal structure of [(1/3-C <sub>3</sub> H <sub>5</sub> )Pd(1/4-SC <sub>6</sub> H <sub>4</sub> F-4)2Pd(1/3-C <sub>3</sub> H <sub>5</sub> )]. <i>Polyhedron</i> , 2001, 20, 3119-3125.	2.2	22
52	Crystal and molecular structure of an oxo-centered bis[(pentamethylcyclopentadienyl)uranium]magnesium phosphoylide complex. <i>Organometallics</i> , 1988, 7, 1465-1469.	2.3	21
53	Uranium-carbon multiple-bond chemistry. 5. Carbon-oxygen bond cleavage in uranium phosphonium enolate manganese complex. <i>Organometallics</i> , 1985, 4, 1140-1141.	2.3	20
54	Uranium-sulfilimine chemistry. Hydrolysis of Cp* <sub>2</sub> UCl <sub>2</sub> with HNSPh <sub>2</sub> ·H <sub>2</sub> O and the crystal structure of Cp* <sub>2</sub> UCl(OH)(HNSPh <sub>2</sub> ), a metallocene terminal hydroxy complex of tetravalent uranium. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2029-2032.	1.8	20

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55	Extended Hueckel calculations of hydrogen and nitrogen electron paramagnetic resonance coupling constants for .sigma. radicals containing carbon, hydrogen, nitrogen, and oxygen atoms. Journal of the American Chemical Society, 1968, 90, 4790-4794.	13.7	19
56	Redetermination of the crystal and molecular structure of trans-diaquobis(2,4-pentanedione)nickel(II) perchlorate, including location and refinement of hydrogen atoms. Inorganic Chemistry, 1977, 16, 219-223.	4.0	19
57	The Identification of Gibbsite and Bayerite by Laser Raman Spectroscopy. Soil Science Society of America Journal, 1980, 44, 131-134.	2.2	19
58	Uranium-carbon multiple-bond chemistry. 8. Reaction of tungsten hexacarbonyl with Cp3U:CHP(Ph)(R)(Me) to form (OC)5WC(OUcP3)CHP(Ph)(R)(Me) and its isomerization to Cp3UOCH:CHP(Ph)(R)CH2W(CO)5. Organometallics, 1986, 5, 2555-2557.	2.3	19
59	Structure of a lithiated phosphoylide, {[Li(CH2)P(C6H5)2(CH2)]2(dioxane)3}2.cntdot.(dioxane). Organometallics, 1986, 5, 1496-1499.	2.3	19
60	Reaction of uranium complex Cp3U:CHPMeRPh with cyclopentadienyldicarbonylcobalt. Organometallics, 1990, 9, 1141-1146.	2.3	18
61	Five- and Six-Coordinate 2-Methyl-2-propanethiolato Complexes of Zirconium(IV):Â Synthesis and Structures of [Li(DME)3][Zr(SCMe3)5] and [(THF)Li]2Zr(SCMe3)6. Inorganic Chemistry, 1996, 35, 4391-4395.	4.0	18
62	Organoactinoid chemistry with phosphoylids. Inorganica Chimica Acta, 1985, 110, 139-143.	2.4	17
63	Structure of (24-pyrimidinium crown-6)[(DMSO)HgI3][HgI4][Hg2I7].cntdot.11DMSO.cntdot.2H2O. Inorganic Chemistry, 1990, 29, 3902-3904.	4.0	17
64	[CP*TaS3{Rh(cod)}2] and [CP*TaS3{RuH(PPh3)2}2]: A New Class of Heterometallic TaM2 Clusters. Angewandte Chemie International Edition in English, 1993, 32, 763-765.	4.4	17
65	Lithium cations tightly bound to polychalcogenides: synthesis and solid-state structures of Li2S6(teeda)2, Li2S4(pmdeta)2, and Li2Se5(pmdeta)2. Inorganic Chemistry, 1993, 32, 4317-4323.	4.0	17
66	Synthesis of [Mo<sub>3</sub>S<sub>4</sub>] Clusters from Half-Sandwich Molybdenum(V) Chlorides and Their Application as Platforms for [Mo<sub>3</sub>S<sub>4</sub>Fe] Cubes. Inorganic Chemistry, 2019, 58, 5230-5240.	4.0	17
67	[(MeCN)Ni(CF<sub>3</sub>)<sub>3</sub>]<sup>âˆ’</sup> and [Ni(CF<sub>3</sub>)<sub>3</sub>]<sub>4</sub>]<sup>2â€‘</sup>: Foundations toward the Development of Trifluoromethylations at Unsupported Nickel. Inorganic Chemistry, 2020, 59, 9143-9151.	4.0	17
68	Small molecule activation at the uranium carbon multiple bond. Inorganica Chimica Acta, 1987, 139, 177-181.	2.4	16
69	The crystal and molecular structure of pentamethylcyclopentadienyl Grignard reagent: [Cp*Mg(thf)1/4-Cl]2. Journal of Organometallic Chemistry, 1991, 408, 131-136.	1.8	16
70	Great E and C plot. Graphical display of the enthalpies of adduct formation for Lewis acids and bases. Journal of Chemical Education, 1977, 54, 612.	2.3	14
71	Synthesis and Structure Determination of Bicyclic[Li(tmeda)]2[S6]. Angewandte Chemie International Edition in English, 1990, 29, 422-424.	4.4	14
72	Synthesis and Lanthanide Coordination Chemistry of Phosphine Oxide Decorated Dibenzothiophene and Dibenzothiophene Sulfone Platforms. Inorganic Chemistry, 2014, 53, 5698-5711.	4.0	14

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73	Synthesis and Characterization of Tris(trimethylsilyl)siloxide Derivatives of Early Transition Metal Alkoxides That Thermally Convert to Varied Ceramic "Silica Architecture Materials. <i>Inorganic Chemistry</i> , 2018, 57, 8806-8820.	4.0	14
74	Acetylacetonone complex of zinc perchlorate. <i>Inorganic Chemistry</i> , 1973, 12, 1193-1195.	4.0	13
75	Calculations of lanthanide-induced shifts from molecular structure. II. <i>Inorganic Chemistry</i> , 1975, 14, 1005-1007.	4.0	13
76	Isocyanid "Einschiebung in eine Uran "Kohlenstoff "Doppelbindung. <i>Angewandte Chemie</i> , 1984, 96, 888-889.	2.0	13
77	Anion dependence of the ring conformational equilibria of the tris(ethylenediamine)nickel(II) cation. <i>Inorganic Chemistry</i> , 1974, 13, 2208-2212.	4.0	11
78	The tetrachloroplatinate(2-)/thiamin system. 2. Structure of trans-[Pt(dmsO-S)(thiamin)Cl <sub>2</sub> ](Ph <sub>4</sub> B) and its equilibria in dmso. <i>Inorganic Chemistry</i> , 1993, 32, 3509-3515.	4.0	11
79	Study of the ring conformations in tris(ethylenediamine)metal complexes using solid-state vibrational spectroscopy. <i>Inorganic Chemistry</i> , 1975, 14, 2565-2568.	4.0	10
80	Uranium "Sulfilimine Chemistry: " Synthesis and Characterization of Cp* <sub>2</sub> UCl(NSPh <sub>2</sub> ) and Cp* <sub>2</sub> U(NSPh <sub>2</sub> ) <sub>2</sub> . <i>Organometallics</i> , 2002, 21, 5799-5802.	2.3	10
81	Extended Hueckel study of the conformational dependence of the contact shifts of ethylenediamine complexes of nickel(II). <i>Inorganic Chemistry</i> , 1972, 11, 1019-1024.	4.0	9
82	Solvent dependence of the ring conformations of the tris(ethylenediamine)nickel(II) cation. <i>Inorganic Chemistry</i> , 1973, 12, 2575-2578.	4.0	9
83	Implications of the low-temperature nuclear magnetic resonance spectrum of the 3-picoline diadduct of tris[2,2,6,6-tetramethylheptane-3,5-dionato]europium. <i>Journal of the American Chemical Society</i> , 1973, 95, 3801-3802.	13.7	9
84	Synthesis, Characterization, and Nanomaterials Generated from 6,6 "((2-Hydroxyethyl)azanediyl)bis(methylene))bis(2,4-di- <i>tert</i> -butylphenol) Modified Group 4 Metal Alkoxides. <i>Inorganic Chemistry</i> , 2018, 57, 11264-11274.	4.0	8
85	Solvation coordination compounds of scandium chloride from the dehydration of scandium chloride hexahydrate. <i>Polyhedron</i> , 2021, 208, 115437.	2.2	8
86	Synthese und Strukturbestimmung von bicyclischem [Li(tmeda)] <sub>2</sub> [S <sub>6</sub> ]. <i>Angewandte Chemie</i> , 1990, 102, 455-457.	2.0	7
87	Synthesis and structural characterisation of [RuCl(NO)( $\eta$ -2-O <sub>2</sub> )(PPh <sub>3</sub> ) <sub>2</sub> ]. <i>Inorganica Chimica Acta</i> , 2001, 321, 181-184.	2.4	7
88	A dinuclear Mo <sub>2</sub> H <sub>8</sub> complex supported by bulky C <sub>5</sub> H <sub>2</sub> tBu <sub>3</sub> ligands. <i>Chemical Communications</i> , 2020, 56, 8035-8038.	4.1	7
89	Synthesis of a Nitrogenase P <sup>N</sup> " Cluster Model with [Fe <sub>8</sub> S <sub>7</sub> ( $\eta$ -4 " thiolate) <sub>2</sub> ] Core from the All " Ferric [Fe <sub>4</sub> S <sub>4</sub> (S " thiolate) <sub>4</sub> ] Cubane Synthone. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15792-15797.	13.8	7
90	Self-Reduction of [Ph <sub>4</sub> P][Nb(SCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> S) <sub>3</sub> ] with Formation of a Nb <sub>2</sub> IV Complex. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 98-100.	4.4	6

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91	Synthesis, <sup>45</sup> Sc NMR characterization, and interconversion of structurally diverse scandium chloride hydrates. <i>Polyhedron</i> , 2019, 162, 111-120.	2.2	6
92	The Lanthanide Contraction Is a Variable. <i>Inorganic Chemistry</i> , 2022, 61, 6120-6127.	4.0	6
93	Synthesis, X-ray structures, and characterization of hexafluoro-iso-propoxide group 3 and lanthanide precursors. <i>Polyhedron</i> , 2016, 118, 52-60.	2.2	5
94	Organophosphorus-Modified Lanthanide Nitrates as Potential Actinide Oxide Aerosol Surrogates. <i>Inorganic Chemistry</i> , 2020, 59, 17149-17161.	4.0	5
95	Syntheses, solution behavior, and computational bond length analyses of trifluoromethyl and perfluoroethyl cuprate salts. <i>Journal of Fluorine Chemistry</i> , 2020, 234, 109518.	1.7	5
96	Synthesis, structure, and electrochemical properties of [LNi(R <sub>f</sub> )(C <sub>4</sub> F <sub>8</sub> ) <sup>+</sup> ] and [LNi(R <sub>f</sub> ) <sub>3</sub> ] <sup>+</sup> complexes. <i>Dalton Transactions</i> , 2022, 51, 5515-5523.	3.3	5
97	Synthesis, selected coordination chemistry and extraction behavior of a (phosphinoylmethyl)pyridyl N-oxide-functionalized ligand based upon a 1,4-diazepane platform. <i>Polyhedron</i> , 2015, 97, 20-29.	2.2	4
98	Tris(η <sup>5</sup> -Cyclopentadienyl) [(Dimethylphenyl-Phosphoranylidene)Methyl]Uranium(IV). <i>Inorganic Syntheses</i> , 2007, , 177-181.	0.3	3
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100	Anion dependence of ring conformational equilibriums of the tris(ethylenediamine)nickel(II) cation. 2. Effect of anion base strength in aqueous solution. <i>Inorganic Chemistry</i> , 1978, 17, 64-67.	4.0	2
101	METAL ION COMPLEXES OF THIAMIN. <i>Annals of the New York Academy of Sciences</i> , 1982, 378, 466-466.	3.8	2
102	Selbstreduktion von [Ph <sub>4</sub> P][Nb(SCH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> S) <sub>3</sub> ] unter Bildung eines Nb-η <sup>5</sup> -Komplexes. <i>Angewandte Chemie</i> , 1989, 101, 83-84.	2.0	2
103	Alkali Metal Yttrium <i>neo</i> -Pentoxide Double Alkoxide Precursors to Alkali Metal Yttrium Oxide Nanomaterials. <i>ChemistrySelect</i> , 2016, 1, 473-481.	1.5	2
104	Synthesis, characterization, and utility of trifluoroacetic acid lanthanide precursors for production of varied phase fluorinated lanthanide nanomaterials. <i>Polyhedron</i> , 2017, 131, 59-73.	2.2	2
105	Synthesis and Characterization of Solvated Lanthanide Tris(trimethylsilyl)siloxides. <i>Inorganic Chemistry</i> , 2022, 61, 5048-5059.	4.0	2
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108	An unusual example of halogen bonding to potassium t-butoxide. <i>Journal of Fluorine Chemistry</i> , 2015, 179, 53-55.	1.7	1



#	ARTICLE	IF	CITATIONS
109	Synthesis, characterization, and computational modeling of 6,6'-(((2-hydroxyethyl)azanediyl)bis(methylene))bis(2,4-di-tert-butylphenol) modified group 4 metal alkoxides. <i>Journal of Coordination Chemistry</i> , 2020, 73, 1389-1406.	2.2	1
110	Structural and computational examination of hydrogen-bonding between the C-H bonds of phenylphosphates and nitrate ions. <i>Journal of Molecular Structure</i> , 2021, 1242, 130661.	3.6	1
111	Crystal structure of hydroxy scandium nitrate chloride. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 540-542.	0.5	1
112	Access to Perfluorometallacyclopentane Complexes of Cobalt through the [(MeCN) <sub>4</sub> Co(C <sub>4</sub> F <sub>8</sub> )] [PF <sub>6</sub> ] Precursor. <i>Organometallics</i> , 2021, 40, 3585-3590.	2.3	1
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