

Simon G Bott

List of Publications by Year in descending order

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10,778
citations

34105

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396
all docs

396
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#	ARTICLE	IF	CITATIONS
1	Hydrolysis of tri-tert-butylaluminum: the first structural characterization of alkylalumoxanes [(R ₂ Al) ₂ O] _n and (RAlO) _n . Journal of the American Chemical Society, 1993, 115, 4971-4984.	13.7	536
2	Three-Coordinate Aluminum Is Not a Prerequisite for Catalytic Activity in the Zirconocene-Alumoxane Polymerization of Ethylene. Journal of the American Chemical Society, 1995, 117, 6465-6474.	13.7	260
3	Metallocene/polypropylene structural relationships: Implications on polymerization and stereochemical control mechanisms. Makromolekulare Chemie Macromolecular Symposia, 1991, 48-49, 253-295.	0.6	257
4	A Convenient Entry into Trivalent Actinide Chemistry: Synthesis and Characterization of AnI ₃ (THF) ₄ and An[N(SiMe ₃) ₂] ₃ (An = U, Np, Pu). Inorganic Chemistry, 1994, 33, 2248-2256.	4.0	237
5	Synthetic, structural, and reactivity studies of the reduction and carbon monoxide derivatization of azobenzene mediated by divalent lanthanide complexes. Journal of the American Chemical Society, 1988, 110, 4983-4994.	13.7	168
6	Novel Layer Structure of Sodium Calix[4]arenesulfonate Complexes—A Class of Organic Clay Mimics?. Angewandte Chemie International Edition in English, 1988, 27, 1361-1362.	4.4	161
7	Synthesis, Relaxometric and Photophysical Properties of a New pH-Responsive MRI Contrast Agent: The Effect of Other Ligating Groups on Dissociation of <i>o</i> -Nitrophenolic Pendant Arm. Journal of the American Chemical Society, 2004, 126, 9248-9256.	13.7	128
8	Alumoxanes as Cocatalysts in the Palladium-Catalyzed Copolymerization of Carbon Monoxide and Ethylene: A Genesis of a Structure-Activity Relationship. Organometallics, 1996, 15, 2213-2226.	2.3	125
9	Inclusion of both cation and neutral molecule by a calixarene. Structure of the [<i>p</i> -tert-butylmethoxycalix[4]arene-sodium-toluene] ⁺ cation. Journal of the American Chemical Society, 1986, 108, 1709-1710.	13.7	121
10	A New Mechanism for Cement Hydration Inhibition: Solid-State Chemistry of Calcium Nitrilotris(methylene)triphosphonate. Chemistry of Materials, 2003, 15, 3074-3088.	6.7	121
11	Two-state propagation mechanism for propylene polymerization catalyzed by rac-[anti-ethylidene(1- <i>eta</i> .5-tetramethylcyclopentadienyl)(1- <i>eta</i> .5-indenyl)] dimethyltitanium. Journal of the American Chemical Society, 1991, 113, 8569-8570.	13.7	116
12	Lewis base adducts of uranium triiodide: a new class of synthetically useful precursors for trivalent uranium chemistry. Inorganic Chemistry, 1989, 28, 1771-1773.	4.0	111
13	Metal ion complexes of water-soluble calix[4]arenes. Inorganic Chemistry, 1992, 31, 603-606.	4.0	105
14	Cleavage of a phosphorus-carbon double bond and formation of a linear terminal phosphinidene complex. Journal of the American Chemical Society, 1990, 112, 6734-6735.	13.7	104
15	π -Face selectivity of coordinated ketones to nucleophilic additions: the importance of aluminum-oxygen π -bonding. Journal of the American Chemical Society, 1990, 112, 3446-3451.	13.7	103
16	Second-sphere coordination of transition-metal complexes by calix[4]arenes. Journal of the American Chemical Society, 1991, 113, 2760-2761.	13.7	101
17	Synthesis, Structure, and Properties of the [E ₇ M(CO) ₃] ₃ - Complexes Where E = P, As, Sb and M = Cr, Mo, W. Journal of the American Chemical Society, 1994, 116, 8077-8086.	13.7	95
18	Intercalation of cationic, anionic, and molecular species by organic hosts. Preparation and crystal structure of [NH ₄] ₆ [calix[4]arenesulfonate][MeOSO ₃].n(H ₂ O) ₂ . Journal of the American Chemical Society, 1988, 110, 610-611.	13.7	92

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19	Characterization of a novel μ_4 -peroxide tetrairon unit of possible relevance to intermediates in metal-catalyzed oxidations of water to dioxygen. <i>Journal of the American Chemical Society</i> , 1989, 111, 372-374.	13.7	92
20	A molecular receptor based on the ferrocene system: selective complexation using atomic ball bearings. <i>Journal of the American Chemical Society</i> , 1991, 113, 366-367.	13.7	92
21	Crown thioether chemistry. The silver(I) complexes of trithia-9-crown-3, trithia-12-crown-3, and hexathia-18-crown-6. <i>Inorganic Chemistry</i> , 1989, 28, 4040-4046.	4.0	86
22	Synthesis of salts of the hydrogen dichloride anion in aromatic solvents. 2. Syntheses and crystal structures of $[K \cdot 18\text{-crown-6}][Cl-H-Cl]$, $[Mg \cdot 18\text{-crown-6}][Cl-H-Cl]_2$, $[H_3O \cdot 18\text{-crown-6}][Cl-H-Cl]$, and the related $[H_3O \cdot 18\text{-crown-6}][Br-H-Br]$. <i>Inorganic Chemistry</i> , 1990, 29, 467-470.	4.0	86
23	Formation and molecular structures of (η^5 -pentabenzylcyclopentadienyl)- and (η^5 -pentaphenylcyclopentadienyl)dicarbonyl derivatives of cobalt and rhodium. <i>Organometallics</i> , 1986, 5, 1635-1641.	2.3	83
24	Structural Characterization of Dialkylaluminum Carboxylates: Models for Carboxylate Alumoxanes. <i>Organometallics</i> , 1997, 16, 329-341.	2.3	80
25	Crystal Structure of $[Ru(terpy)_2]O$: A New Crystalline Material from the Reductive Electrocrystallization of $[Ru(terpy)_2]^{2+}$. <i>Inorganic Chemistry</i> , 1999, 38, 3337-3343.	4.0	78
26	Aluminium-fused bis- <i>p</i> -tert-butylcalix[4]arene: a double cone with two π -arene \cdots H interactions for included methylene chloride. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1349-1351.	2.0	77
27	Reductive distortion of azobenzene by an organosamarium(II) reagent to form $[(C_5Me_5)_2Sm]_2(C_6H_5)_2N_2$: an x-ray crystallographic snapshot of an agostic hydrogen complex on an ortho-metalation reaction coordinate. <i>Organometallics</i> , 1986, 5, 2389-2391.	2.3	76
28	Crystal structures and physical properties of bis(ethylenedithio)-tetrathiafulvalene charge-transfer salts with FeX_4^{2-} (X = Cl or Br) anions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 859-865.	1.1	73
29	The oxonium cation in aromatic solvents. Synthesis, structure, and solution behavior of $[H_3O^+ \cdot 18\text{-crown-6}][Cl-H-Cl]$. <i>Journal of the American Chemical Society</i> , 1987, 109, 8100-8101.	13.7	71
30	tert-Amyl Compounds of Aluminum and Gallium: Halides, Hydroxides, and Chalcogenides. <i>Organometallics</i> , 1996, 15, 5479-5488.	2.3	71
31	Interaction of organic carbonyls with sterically crowded aryloxide compounds of aluminum. <i>Organometallics</i> , 1990, 9, 3086-3097.	2.3	68
32	Polyiron Oxo Chemistry at the Molecular/Solid-State Boundary: Synthesis, Structure, and Magnetic and Moessbauer Properties of $[Fe_{16}MO_{10}(OH)_{10}(O_2CPh)_{20}]$ Complexes, M = Mn, Fe, or Co. <i>Journal of the American Chemical Society</i> , 1994, 116, 8061-8069.	13.7	68
33	The structure of osmium tetraoxide-cinchona alkaloid complexes. <i>Journal of Organic Chemistry</i> , 1989, 54, 2263-2264.	3.2	65
34	Synthesis and Structure of $[Hydridotris(3,5\text{-bis(trifluoromethyl)pyrazolyl})borato]potassium$. <i>Inorganic Chemistry</i> , 1995, 34, 1975-1976.	4.0	65
35	Steric Effects in Aluminum Compounds Containing Monoanionic Potentially Bidentate Ligands: Toward a Quantitative Measure of Steric Bulk. <i>Organometallics</i> , 1999, 18, 4399-4416.	2.3	65
36	Seven coordinate aluminum in (benzo-15-crown-5)dichloroaluminum ethyltrichloroaluminate. <i>Journal of the American Chemical Society</i> , 1985, 107, 1796-1797.	13.7	63

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37	Organic clays. Synthesis and structure of Na ₅ [calix[4] arene sulfonate] ₂ ·12 H ₂ O, K ₅ [calix[4]arene sulfonate] ₂ ·8 H ₂ O, Rb ₅ [calix[4]arene sulfonate] ₂ ·25 H ₂ O, and Cs ₅ [calix[4] arene sulfonate] ₂ ·24 H ₂ O. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1989, 7, 203-211.		63
38	Phosphorus-carbon bond cleavage and tetrahedrane cluster activation in the reaction between bis(diphenylphosphino)maleic anhydride (BMA) and PhCCo ₃ (CO) ₉ . Syntheses, kinetic studies, and x-ray diffraction structures of PhCCo ₃ (CO) ₇ (bma) and [cyclic] Co ₃ (CO) ₆ (μ ₂ -eta ² ,eta ¹ -C(Ph)C:C(PPh ₂)C(O)OC(O))(μ ₂ -PPh ₂). <i>Organometallics</i> , 1993, 12, 4779-4787.	2.3	62
39	Galloxane and Alumoxane Hydroxides: [Ga ₁₂ tBu ₁₂ (μ ³ -O) ₈ (μ ⁴ -O) ₂ (μ ⁴ -OH) ₄] and [Al ₆ tBu ₆ (μ ³ -O) ₄ (μ ⁴ -OH) ₄]. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1201-1202.	4.4	62
40	Cyclic trimeric hydroxy, amido, phosphido, and arsenido derivatives of aluminum and gallium. X-ray structures of [tert-Bu ₂ Ga(μ-OH)] ₃ and [tert-Bu ₂ Ga(μ-NH ₂)] ₃ . <i>Organometallics</i> , 1993, 12, 24-29.	2.3	61
41	Interaction of aluminum trichloride with tetrahydrofuran. Formation and crystal structure of dichlorotetrakis(tetrahydrofuran)aluminum(1+) tetrachloroaluminate(1-). <i>Inorganic Chemistry</i> , 1987, 26, 1466-1468.	4.0	59
42	A Novel Approach to the Synthesis of 1,3,3-trinitroazetidide. <i>Journal of Organic Chemistry</i> , 1995, 60, 4943-4946.	3.2	59
43	Hydrothermal Syntheses, Structures, and Properties of [Cu ₃ Cl ₂ CN(pyrazine)] and Copper(I) Halide Pyrazine Polymers. <i>Inorganic Chemistry</i> , 2001, 40, 29-35.	4.0	58
44	Photochemically Activated Phosphorus-Carbon Bond Cleavage in the Binuclear Ruthenium Complex [cyclic] Ru ₂ (CO) ₆ (bpcd). Redox Reactivity, Molecular Orbital Properties, and X-ray Diffraction Structures of [cyclic] Ru ₂ (CO) ₆ (bpcd) and [cyclic] Ru ₂ (CO) ₆ [μ ₂ -C:C(PPh ₂)C(O)CH ₂ C(O)](μ ₂ -PPh ₂). <i>Organometallics</i> , 1995, 14, 4625-4634.	2.3	56
45	Stabilization of the [AlMe ₂] ⁺ Cation by Crown Ethers. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 485-486.	4.4	55
46	Synthesis and Characterization of [μ ⁴ -P ₇ Ni(CO)] ₃ -, [μ ⁴ -HP ₇ Ni(CO)] ₂ -, and [μ ² -P ₇ PtH(PPh ₃)] ₂ :-Â Two Electronically Equivalent Protonated Zintl Ion Complexes with Markedly Different Structures. <i>Journal of the American Chemical Society</i> , 1996, 118, 4713-4714.	13.7	55
47	Pd catalyzed coupling of 1,2-dibromoarenes and anilines: formation of N,N-diaryl-o-phenylenediamines. <i>Tetrahedron Letters</i> , 2004, 45, 6851-6853.	1.4	55
48	Volatility Studies on Gallium Chalcogenide Cubanes:Â Thermal Analysis and Determination of Sublimation Enthalpies. <i>Chemistry of Materials</i> , 1997, 9, 796-806.	6.7	54
49	Tertiary amine adducts of gallane: gallane-rich [{GaH ₃ } ₂ (TMEDA)] (TMEDA =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (M... <i>Chemistry</i> , 1991, 30, 3792-3793.	4.0	53
50	Primary amide and amine complexes of gallium and indium: X-ray crystal structures of [Me ₂ Ga(μ ⁴ -NH(tBu))] ₂ , Me ₃ Ga · NH ₂ (tBu) and Me ₃ In · NH ₂ (tBu).. <i>Journal of Organometallic Chemistry</i> , 1992, 1.8 434, 143-150.	1.8	53
51	Synthesis of aluminium and gallium fluoroalkoxide compounds and the low pressure metal-organic chemical vapor deposition of gallium oxide films. <i>Journal of Materials Chemistry</i> , 1999, 9, 929-935.	6.7	53
52	Reaction of 1,3-diols with Al(tBu) ₃ and Ga(tBu) ₃ : aluminium- and gallium-based bifunctional tetradentate ligands. <i>Dalton Transactions RSC</i> , 2000, , 2151-2161.	2.3	53
53	Metallocene catalysts for olefin polymerizations. XXIV. Stereoblock propylene polymerization catalyzed by rac-[anti-ethylidene(1-î5-tetramethylcyclopentadienyl)(1-î5-indenyl)dimethyltitanium: A two-state propagation. <i>Journal of Polymer Science Part A</i> , 1992, 30, 2601-2617.	2.3	52
54	Sterically crowded aryloxide compounds of aluminium: hydrides and homoleptic aryloxides. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 441.	1.1	52

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55	Synthesis and structure of [Sb ₇ Ni ₃ (CO) ₃] ₃ :- a new structural type for nido 10-vertex polyhedral clusters. <i>Journal of the American Chemical Society</i> , 1993, 115, 5837-5838.	13.7	52
56	Lanthanide-Promoted Reactions of Aldehydes and Amine Hydrochlorides in Aqueous Solution. Synthesis of 2,3-Dihydropyridinium and Pyridinium Derivatives. <i>Journal of Organic Chemistry</i> , 1997, 62, 208-211.	3.2	52
57	Natriumcalix[4]arensulfonate, Komplexe mit neuartiger Schichtstruktur – ein organischer Ton?. <i>Angewandte Chemie</i> , 1988, 100, 1412-1413.	2.0	51
58	Mechanistic studies of the reductive coupling of carbon monoxide in seven-coordinate niobium(I) and tantalum(I) dicarbonyl complexes. <i>Organometallics</i> , 1991, 10, 275-285.	2.3	51
59	Preparation and structure of the first complex of an early transition metal and a calixarene, calix[6]arene[TiCl ₂ (μ-O)TiCl ₃] ₂ . <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 610-611.	2.0	50
60	Reactions of 1-ethyl-3-azabicyclo[1.1.0]butane with electrophiles. A facile entry into new, N-substituted 3-ethylideneazetidines and 2-azetidines. <i>Journal of Organic Chemistry</i> , 1994, 59, 1608-1612.	3.2	50
61	Organometallic complexes with electron bridges. 7. Electrochemical, spectroscopic, and structural studies of mono- and bimetallic complexes of iron: x-ray crystal structures of CpFe(CO) ₂ -C ₆ F ₅ , 4-CpFe(CO) ₂ -C ₅ F ₄ N, and 1,4-C ₆ F ₄ (CpFe(CO) ₂) ₂ . <i>Organometallics</i> , 1992, 11, 589-597.	2.3	49
62	Synthesis, Redox Reactivity, and X-ray Diffraction Structures of the Rhenium Carbonyl Complexes fac-ReBr(CO) ₃ (bma) and [fac-ReBr(CO) ₃ (bma)][Cp ₂ Co]. Structural Consequences of Electron Accession in fac-ReBr(CO) ₃ (bma). <i>Organometallics</i> , 1995, 14, 2387-2394.	2.3	48
63	Cleavage of Cyclodimethylsiloxanes by Dialkylaluminum Hydrides and the Nature of the Siloxaluminum Products. <i>Organometallics</i> , 1999, 18, 5395-5408.	2.3	48
64	An Aluminaphosphacubane, a New Aluminum Phosphide Precursor. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1409-1410.	4.4	47
65	Oligomeric gallium amide/hydride complexes, [H ₂ Ga ₂ {(NPr _i CH ₂) ₂ } ₂] and [H ₅ Ga ₃ {(NMeCH ₂) ₂ } ₂], via hydrometalation and metalation. <i>Inorganic Chemistry</i> , 1991, 30, 4868-4870.	4.0	47
66	Effects of a bridging dicarboxylate ligand on the synthesis and physical properties of (μ-oxo)bis(μ-carboxylato)diiron(III) complexes. <i>Inorganic Chemistry</i> , 1991, 30, 2082-2092.	4.0	47
67	Preparation of group 4 metal complexes of a bulky amido-fluorenyl ligand. <i>Journal of Organometallic Chemistry</i> , 1996, 508, 91-99.	1.8	47
68	Synthesis and structures of crystalline dilithium diamides and aminolithium amides derived from N,N'-disubstituted 1,2-diaminobenzenes or 1,8-diaminonaphthalene. <i>Dalton Transactions RSC</i> , 2001, , 3179-3188.	2.3	46
69	Organometallic complexes with electronic bridges. 9. π-Donor interactions and the origin of arene nonplanarity in heterobimetallic (η ⁶ -arene)chromium tricarbonyl complexes having σ-bonded organometallic substituents: X-ray crystal structures of (η ⁶ -C ₆ H ₅ ((η ⁵ -C ₅ H ₄ Me)Fe(CO) ₂))Cr(CO) ₃ , (η ⁶ -C ₆ H ₅ ((η ⁵ -indenyl)Fe(CO) ₂))Cr(CO) ₃ , and (η ⁶ -1,4-C ₆ H ₄ Me((η ⁵ -C ₅ H ₅)Fe(CO) ₂))Cr(CO) ₃ . <i>Organometallics</i> , 1992, 11, 3050-3055.	2.3	43
70	Alcoholysis of tri-tert-butylgallium: synthesis and structural characterization of [(But) ₂ Ga(1/4-OR)] ₂ . <i>Polyhedron</i> , 1994, 13, 2831-2846.	2.2	43
71	Preparation of Titanium Fluoroalkoxides by Alcoholysis of Titanium Alkoxides. <i>Inorganic Chemistry</i> , 1994, 33, 4950-4958.	4.0	43
72	Aluminium and gallium compounds of salicylic and anthranilic acids: examples of weak intra-molecular hydrogen bonding. <i>Dalton Transactions RSC</i> , 2001, , 1253-1258.	2.3	43

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73	Synthesis and stabilization of tantalum-coordinated dihydroxyacetylene from two reductively coupled carbon monoxide ligands. <i>Journal of the American Chemical Society</i> , 1988, 110, 7564-7566.	13.7	41
74	Supramolecular assemblies of calix [4] arenes organized by feeble forces. <i>Supramolecular Chemistry</i> , 1992, 1, 15-17.	1.2	41
75	Acetylide Participation in Ligand Substitution and P-C Bond Cleavage in the Reaction between $\text{HRu}_3(\text{CO})_9(\eta^3\text{-C}_3\text{H}_5)_2(\eta^1\text{-C}_6\text{H}_5)$ and 4,5-Bis(diphenylphosphino)-4-cyclopenten-1,3-dione (bpcd). Syntheses and X-ray Structures of $\text{HRu}_3(\text{CO})_7(\eta^3\text{-C}_3\text{H}_5)_2(\eta^1\text{-C}_6\text{H}_5)(\eta^1\text{-Ph}_2\text{PCCC(O)CH}_2\text{C(O)PPh}_2\text{C}_6\text{H}_5)$ and $\text{Ru}_3(\text{CO})_7(\eta^3\text{-C}_3\text{H}_5)_2(\eta^1\text{-PhCCHPh})(\eta^1\text{-Ph}_2\text{PCCC(O)CH}_2\text{C(O)PPh}_2)$. <i>Organometallics</i> , 2003, 22, 1953-1959.	2.3	41
76	Insertion of diphenyldiazomethane into $[\text{ZrCp}_2(\text{Cl})\text{PR}_2]$ ($\text{Cp} = \eta^5\text{-C}_5\text{H}_5$, $\text{R} = \text{SiMe}_3$); X-ray structures of $[\text{ZrCp}_2(\text{PR}_2)\text{X}]$ ($\text{X} = \text{Cl}$ OR Me) and $[\text{PR}_2]$. <i>Polyhedron</i> , 1988, 7, 2083-2086.	2.2	40
77	X-ray crystal structure of the dimethylgallium azide polymer and its use as a gallium nitride precursor. <i>Journal of Organometallic Chemistry</i> , 1990, 394, c6-c8.	1.8	40
78	Formation of Ruthenium(II) Complexes with Unsymmetrical Terdentate Ligands. <i>Inorganic Chemistry</i> , 1997, 36, 3133-3138.	4.0	40
79	Aluminium compounds containing bidentate ligands: chelate ring size and rigid conformation effects. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3305-3310.	1.1	40
80	MOCVD Growth of Gallium Sulfide Using Di-tert-butyl Gallium Dithiocarbamate Precursors: Formation of a Metastable Phase of GaS. <i>Chemistry of Materials</i> , 1999, 11, 3578-3587.	6.7	40
81	Probing Individual Steps of Dynamic Exchange with ^{31}P EXSY NMR Spectroscopy: Synthesis and Characterization of the $[\text{E}_7\text{PtH}(\text{PPh}_3)]_2$ -Zintl Ion Complexes [$\text{E} = \text{P}, \text{As}$]. <i>Journal of the American Chemical Society</i> , 2000, 122, 11101-11107.	13.7	40
82	Synthesis and Structure of a Diphosphadigalleteane: A Novel Base-Stabilized Ga_2P_2 Ring System. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1150-1151.	4.4	39
83	Bis(trimethylsilyl)phosphido complexes. Part 3. Syntheses, structures and reactions of [bis(trimethylsilyl)phosphido]-zirconocene(IV) complexes and the X-ray structure of $\{\text{AlMe}_2[\mu\text{-P}(\text{SiMe}_3)_2]\}_2$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 939-948.	1.1	39
84	Synthesis, crystal structure, magnetic susceptibility, and single-crystal EPR studies of bis(diazafluorenone)dichlorocopper(II): a novel $\text{Cu}(\text{NN})_2\text{X}_2$ system with an unusual distortion. <i>Inorganic Chemistry</i> , 1992, 31, 2843-2846.	4.0	39
85	Synthesis and Structure of $[\text{TpBut}_2]\text{In}$, a Highly Twisted $[\text{Tris}(3,5\text{-di-tert-butylpyrazolyl})\text{hydroborato}]\text{indium(I)}$ Complex: Comparison with the Re-Evaluated Ordered Structure of $[\text{TpBut}]\text{In}$. <i>Inorganic Chemistry</i> , 1996, 35, 943-948.	4.0	39
86	tert-Butyl compounds of gallium. <i>Dalton Transactions RSC</i> , 2000, , 577-588.	2.3	39
87	A Bridge to Coordination Isomer Selection in Lanthanide(III) DOTA-tetraamide Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 2584-2595.	4.0	39
88	Ferrocenyldimethyl-[2.2]-cryptand: solid state structure of the external hydrate and alkali and alkaline-earth-dependent electrochemical behaviour. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 290.	2.0	38
89	synthesis and Structural Characterization of Homoleptic Gallium Amides. <i>Inorganic Chemistry</i> , 1994, 33, 3251-3254.	4.0	38
90	Reversible Chelate-to-Bridge Ligand Exchange in $\text{Co}_2(\text{CO})_4(\mu\text{-PhC.tplbond.CPh})(\text{bma})$ and Alkyne-Diphosphine Ligand Coupling. Synthesis, Reactivity, and Molecular Structures of $\text{Co}_2(\text{CO})_4(\mu\text{-PhC.tplbond.CPh})(\text{bma})$, $\text{Co}_2(\text{CO})_4(\mu\text{-PhC.tplbond.CPh})\{(\text{Z})\text{-Ph}_2\text{PCH:CHPh}_2\}$, and $\text{Co}_2(\text{CO})_4\{\eta^2, \eta^2, \eta^1, \eta^1\text{-}(Z)\text{-Ph}_2\text{PC}(\text{Ph}):(\text{Ph})\text{CC:C}(\text{PPh}_2)\text{C}(\text{O})\text{OC}(\text{O})\}$. <i>Organometallics</i> , 1994, 13, 3788-3799.	2.3	38

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91	Alcohol and secondary amine complexes of tri-tert-butylaluminium: enhanced stability through intramolecular hydrogen bonding. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3129-3138.	1.1	38
92	Synthesis and Chemistry of [Hydridotris(3-t-butylpyrazolyl)borato]indium(I). <i>Inorganic Chemistry</i> , 1995, 34, 1973-1974.	4.0	37
93	Synthesis and Structural Characterization of Cyclopentadienyliron ⁺ and Cyclopentadienylmolybdenum ⁺ Gallium Compounds. <i>Organometallics</i> , 1999, 18, 2668-2676.	2.3	37
94	Utility of cyclodichlorophosphazene as a NaC ₅ H ₅ scavenging reagent: synthesis of an organoyttrium hydroxide complex and the x-ray crystal structure of the layered compound [(C ₅ H ₅) ₂ Y(μ-OH)] ₂ (C ₆ H ₅ C.ident.CC ₆ H ₅). <i>Inorganic Chemistry</i> , 1988, 27, 1990-1993.	4.0	36
95	Synthesis and characterization of seven-coordinate tantalum(I) and niobium(I) complexes with cis carbonyl and alkyl isocyanide ligands. <i>Inorganic Chemistry</i> , 1992, 31, 5193-5201.	4.0	36
96	Primary amido and amine adduct complexes of gallium: synthesis and structures of [t-Bu ₂ Ga(1/4-NHPh)] ₂ and t-Bu ₃ Ga·NH ₂ Ph. <i>Polyhedron</i> , 1991, 10, 1897-1902.	2.2	35
97	Supramolecular assemblies based on calixarenes. <i>Pure and Applied Chemistry</i> , 1993, 65, 1471-1476.	1.9	35
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