

# Simon G Bott

## List of Publications by Year in descending order

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391  
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citations

34076

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396  
docs citations

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#	ARTICLE	IF	CITATIONS
1	Hydrolysis of tri-tert-butylaluminum: the first structural characterization of alkylalumoxanes [(R <sub>2</sub> Al) <sub>2</sub> O] <sub>n</sub> and (RAlO) <sub>n</sub> . <i>Journal of the American Chemical Society</i> , 1993, 115, 4971-4984.	6.6	536
2	Three-Coordinate Aluminum Is Not a Prerequisite for Catalytic Activity in the Zirconocene-Alumoxane Polymerization of Ethylene. <i>Journal of the American Chemical Society</i> , 1995, 117, 6465-6474.	6.6	260
3	Metallocene/polypropylene structural relationships: Implications on polymerization and stereochemical control mechanisms. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1991, 48-49, 253-295.	0.6	257
4	A Convenient Entry into Trivalent Actinide Chemistry: Synthesis and Characterization of AnI <sub>3</sub> (THF) <sub>4</sub> and An[N(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> (An = U, Np, Pu). <i>Inorganic Chemistry</i> , 1994, 33, 2248-2256.	1.9	237
5	Synthetic, structural, and reactivity studies of the reduction and carbon monoxide derivatization of azobenzene mediated by divalent lanthanide complexes. <i>Journal of the American Chemical Society</i> , 1988, 110, 4983-4994.	6.6	168
6	Novel Layer Structure of Sodium Calix[4]arenesulfonate Complexes—A Class of Organic Clay Mimics?. <i>Angewandte Chemie International Edition in English</i> , 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>ap</i> -Nitrophenolic Pendant Arm. <i>Journal of the American Chemical Society</i> , 2004, 126, 9248-9256.	6.6	128
8	Alumoxanes as Cocatalysts in the Palladium-Catalyzed Copolymerization of Carbon Monoxide and Ethylene: A Genesis of a Structure-Activity Relationship. <i>Organometallics</i> , 1996, 15, 2213-2226.	1.1	125
9	Inclusion of both cation and neutral molecule by a calixarene. Structure of the [p-tert-butylmethoxycalix[4]arene-sodium-toluene] <sup>+</sup> cation. <i>Journal of the American Chemical Society</i> , 1986, 108, 1709-1710.	6.6	121
10	A New Mechanism for Cement Hydration Inhibition: Solid-State Chemistry of Calcium Nitrilotris(methylene)triphosphonate. <i>Chemistry of Materials</i> , 2003, 15, 3074-3088.	3.2	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. <i>Journal of the American Chemical Society</i> , 1991, 113, 8569-8570.	6.6	116
12	Lewis base adducts of uranium triiodide: a new class of synthetically useful precursors for trivalent uranium chemistry. <i>Inorganic Chemistry</i> , 1989, 28, 1771-1773.	1.9	111
13	Metal ion complexes of water-soluble calix[4]arenes. <i>Inorganic Chemistry</i> , 1992, 31, 603-606.	1.9	105
14	Cleavage of a phosphorus-carbon double bond and formation of a linear terminal phosphinidene complex. <i>Journal of the American Chemical Society</i> , 1990, 112, 6734-6735.	6.6	104
15	$\pi$ -Face selectivity of coordinated ketones to nucleophilic additions: the importance of aluminum-oxygen $\pi$ -bonding. <i>Journal of the American Chemical Society</i> , 1990, 112, 3446-3451.	6.6	103
16	Second-sphere coordination of transition-metal complexes by calix[4]arenes. <i>Journal of the American Chemical Society</i> , 1991, 113, 2760-2761.	6.6	101
17	Synthesis, Structure, and Properties of the [E <sub>7</sub> M(CO) <sub>3</sub> ] <sub>3</sub> - Complexes Where E = P, As, Sb and M = Cr, Mo, W. <i>Journal of the American Chemical Society</i> , 1994, 116, 8077-8086.	6.6	95
18	Intercalation of cationic, anionic, and molecular species by organic hosts. Preparation and crystal structure of [NH <sub>4</sub> ] <sub>6</sub> [calix[4]arenesulfonate][MeOSO <sub>3</sub> ]. <i>cntdot</i> .(H <sub>2</sub> O) <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 1988, 110, 610-611.	6.6	92

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19	Characterization of a novel .mu.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.	6.6	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.	6.6	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.	1.9	86
22	Synthesis of salts of the hydrogen dichloride anion in aromatic solvents. 2. Syntheses and crystal structures of [K.cntdot.18-crown-6][Cl-H-Cl], [Mg.cntdot.18-crown-6][Cl-H-Cl] <sub>2</sub> , [H <sub>3</sub> O.cntdot.18-crown-6][Cl-H-Cl], and the related [H <sub>3</sub> O.cntdot.18-crown-6][Br-H-Br]. <i>Inorganic Chemistry</i> , 1990, 29, 467-470.	1.9	86
23	Formation and molecular structures of (.eta.5-pentabenzylcyclopentadienyl)- and (.eta.5-pentaphenylcyclopentadienyl)dicarbonyl derivatives of cobalt and rhodium. <i>Organometallics</i> , 1986, 5, 1635-1641.	1.1	83
24	Structural Characterization of Dialkylaluminum Carboxylates: Models for Carboxylate Alumoxanes. <i>Organometallics</i> , 1997, 16, 329-341.	1.1	80
25	Crystal Structure of [Ru(terpy) <sub>2</sub> ]O: A New Crystalline Material from the Reductive Electrocrystallization of [Ru(terpy) <sub>2</sub> ] <sup>2+</sup> . <i>Inorganic Chemistry</i> , 1999, 38, 3337-3343.	1.9	78
26	Aluminium-fused bis-p-tert-butylcalix[4]arene: a double cone with two $\pi$ -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 <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Sm] <sub>2</sub> (C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> N <sub>2</sub> : an x-ray crystallographic snapshot of an agostic hydrogen complex on an ortho-metalation reaction coordinate. <i>Organometallics</i> , 1986, 5, 2389-2391.	1.1	76
28	Crystal structures and physical properties of bis(ethylenedithio)-tetrathiafulvalene charge-transfer salts with FeX <sub>4</sub> <sup>-</sup> (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 <sub>3</sub> O <sup>+</sup> .cntdot.18-crown-6][Cl-H-Cl]. <i>Journal of the American Chemical Society</i> , 1987, 109, 8100-8101.	6.6	71
30	tert-Amyl Compounds of Aluminum and Gallium: Halides, Hydroxides, and Chalcogenides. <i>Organometallics</i> , 1996, 15, 5479-5488.	1.1	71
31	Interaction of organic carbonyls with sterically crowded aryloxide compounds of aluminum. <i>Organometallics</i> , 1990, 9, 3086-3097.	1.1	68
32	Polyiron Oxo Chemistry at the Molecular/Solid-State Boundary: Synthesis, Structure, and Magnetic and Moessbauer Properties of [Fe <sub>16</sub> MO <sub>10</sub> (OH) <sub>10</sub> (O <sub>2</sub> CPh) <sub>20</sub> ] Complexes, M = Mn, Fe, or Co. <i>Journal of the American Chemical Society</i> , 1994, 116, 8061-8069.	6.6	68
33	The structure of osmium tetraoxide-cinchona alkaloid complexes. <i>Journal of Organic Chemistry</i> , 1989, 54, 2263-2264.	1.7	65
34	Synthesis and Structure of [Hydridotris(3,5-bis(trifluoromethyl)pyrazolyl)borato]potassium. <i>Inorganic Chemistry</i> , 1995, 34, 1975-1976.	1.9	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.	1.1	65
36	Seven coordinate aluminum in (benzo-15-crown-5)dichloroaluminum ethyltrichloroaluminate. <i>Journal of the American Chemical Society</i> , 1985, 107, 1796-1797.	6.6	63

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37	Organic clays. Synthesis and structure of Na <sub>5</sub> [calix[4] arene sulfonate] <sub>2</sub> ·12 H <sub>2</sub> O, K <sub>5</sub> [calix[4]arene sulfonate] <sub>2</sub> ·8 H <sub>2</sub> O, Rb <sub>5</sub> [calix[4]arene sulfonate] <sub>2</sub> ·25 H <sub>2</sub> O, and Cs <sub>5</sub> [calix[4] arene sulfonate] <sub>2</sub> ·24 H <sub>2</sub> 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 <sub>3</sub> (CO) <sub>9</sub> . Syntheses, kinetic studies, and x-ray diffraction structures of PhCCo <sub>3</sub> (CO) <sub>7</sub> (bma) and [cyclic] Co <sub>3</sub> (CO) <sub>6</sub> (μ <sub>2</sub> -eta <sup>2</sup> ,eta <sup>1</sup> -C(Ph)C:C(PPh <sub>2</sub> )C(O)OC(O))(μ <sub>2</sub> -PPh <sub>2</sub> ). <i>Organometallics</i> , 1993, 12, 4779-4787.	1.1	62
39	Galloxane and Alumoxane Hydroxides: [Ga <sub>12</sub> tBu <sub>12</sub> (μ <sup>3</sup> -O) <sub>8</sub> (μ <sup>4</sup> -O) <sub>2</sub> (μ <sup>4</sup> -OH) <sub>4</sub> ] and [Al <sub>6</sub> tBu <sub>6</sub> (μ <sup>3</sup> -O) <sub>4</sub> (μ <sup>4</sup> -OH) <sub>4</sub> ]. <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 <sub>2</sub> Ga(μ-OH)] <sub>3</sub> and [tert-Bu <sub>2</sub> Ga(μ-NH <sub>2</sub> )] <sub>3</sub> . <i>Organometallics</i> , 1993, 12, 24-29.	1.1	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.	1.9	59
42	A Novel Approach to the Synthesis of 1,3,3-trinitroazetidide. <i>Journal of Organic Chemistry</i> , 1995, 60, 4943-4946.	1.7	59
43	Hydrothermal Syntheses, Structures, and Properties of [Cu <sub>3</sub> Cl <sub>2</sub> CN(pyrazine)] and Copper(I) Halide Pyrazine Polymers. <i>Inorganic Chemistry</i> , 2001, 40, 29-35.	1.9	58
44	Photochemically Activated Phosphorus-Carbon Bond Cleavage in the Binuclear Ruthenium Complex [cyclic] Ru <sub>2</sub> (CO) <sub>6</sub> (bpcd). Redox Reactivity, Molecular Orbital Properties, and X-ray Diffraction Structures of [cyclic] Ru <sub>2</sub> (CO) <sub>6</sub> (bpcd) and [cyclic] Ru <sub>2</sub> (CO) <sub>6</sub> [μ <sub>2</sub> -C:C(PPh <sub>2</sub> )C(O)CH <sub>2</sub> C(O)](μ <sub>2</sub> -PPh <sub>2</sub> ). <i>Organometallics</i> , 1995, 14, 4625-4634.	1.1	56
45	Stabilization of the [AlMe <sub>2</sub> ] <sup>+</sup> 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 <sup>4</sup> -P <sub>7</sub> Ni(CO)] <sub>3</sub> -, [μ <sup>4</sup> -HP <sub>7</sub> Ni(CO)] <sub>2</sub> -, and [μ <sup>2</sup> -P <sub>7</sub> PtH(PPh <sub>3</sub> )] <sub>2</sub> ·2·H <sub>2</sub> O Electronically Equivalent Protonated Zintl Ion Complexes with Markedly Different Structures. <i>Journal of the American Chemical Society</i> , 1996, 118, 4713-4714.	6.6	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.	0.7	55
48	Volatility Studies on Gallium Chalcogenide Cubanes: Thermal Analysis and Determination of Sublimation Enthalpies. <i>Chemistry of Materials</i> , 1997, 9, 796-806.	3.2	54
49	Tertiary amine adducts of gallane: gallane-rich [{GaH <sub>3</sub> } <sub>2</sub> (TMEDA)] (TMEDA =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (M... <i>Chemistry</i> , 1991, 30, 3792-3793.	1.9	53
50	Primary amide and amine complexes of gallium and indium: X-ray crystal structures of [Me <sub>2</sub> Ga(μ <sup>4</sup> -NH(tBu))] <sub>2</sub> , Me <sub>3</sub> Ga·NH <sub>2</sub> (tBu) and Me <sub>3</sub> In·NH <sub>2</sub> (tBu).. <i>Journal of Organometallic Chemistry</i> , 1992, 0, 8 434, 143-150.		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) <sub>3</sub> and Ga(tBu) <sub>3</sub> : 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-η <sup>5</sup> -tetramethylcyclopentadienyl)(1-η <sup>5</sup> -indenyl)dimethyltitanium: A two-state propagation. <i>Journal of Polymer Science Part A</i> , 1992, 30, 2601-2617.	2.5	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 <sub>7</sub> Ni <sub>3</sub> (CO) <sub>3</sub> ] <sub>3</sub> :- a new structural type for nido 10-vertex polyhedral clusters. <i>Journal of the American Chemical Society</i> , 1993, 115, 5837-5838.	6.6	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.	1.7	52
57	Natriumcalix[4]arensulfonate, Komplexe mit neuartiger Schichtstruktur – ein organischer Ton?. <i>Angewandte Chemie</i> , 1988, 100, 1412-1413.	1.6	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.	1.1	51
59	Preparation and structure of the first complex of an early transition metal and a calixarene, calix[6]arene[TiCl <sub>2</sub> (μ-O)TiCl <sub>3</sub> ] <sub>2</sub> . <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.	1.7	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) <sub>2</sub> -C <sub>6</sub> F <sub>5</sub> , 4-CpFe(CO) <sub>2</sub> -C <sub>5</sub> F <sub>4</sub> N, and 1,4-C <sub>6</sub> F <sub>4</sub> (CpFe(CO) <sub>2</sub> ) <sub>2</sub> . <i>Organometallics</i> , 1992, 11, 589-597.	1.1	49
62	Synthesis, Redox Reactivity, and X-ray Diffraction Structures of the Rhenium Carbonyl Complexes fac-ReBr(CO) <sub>3</sub> (bma) and [fac-ReBr(CO) <sub>3</sub> (bma)] [Cp <sub>2</sub> Co]. Structural Consequences of Electron Accession in fac-ReBr(CO) <sub>3</sub> (bma). <i>Organometallics</i> , 1995, 14, 2387-2394.	1.1	48
63	Cleavage of Cyclodimethylsiloxanes by Dialkylaluminum Hydrides and the Nature of the Siloxaluminum Products. <i>Organometallics</i> , 1999, 18, 5395-5408.	1.1	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 <sub>2</sub> Ga <sub>2</sub> {(NPr <sub>i</sub> CH <sub>2</sub> ) <sub>2</sub> } <sub>2</sub> ] and [H <sub>5</sub> Ga <sub>3</sub> {(NMeCH <sub>2</sub> ) <sub>2</sub> } <sub>2</sub> ], via hydrometalation and metalation. <i>Inorganic Chemistry</i> , 1991, 30, 4868-4870.	1.9	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.	1.9	47
67	Preparation of group 4 metal complexes of a bulky amido-fluorenyl ligand. <i>Journal of Organometallic Chemistry</i> , 1996, 508, 91-99.	0.8	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 <sup>6</sup> -arene)chromium tricarbonyl complexes having σ-bonded organometallic substituents: X-ray crystal structures of (η <sup>6</sup> -C <sub>6</sub> H <sub>5</sub> ((η <sup>5</sup> -C <sub>5</sub> H <sub>4</sub> Me)Fe(CO) <sub>2</sub> ))Cr(CO) <sub>3</sub> , (η <sup>6</sup> -C <sub>6</sub> H <sub>5</sub> ((η <sup>5</sup> -indenyl)Fe(CO) <sub>2</sub> ))Cr(CO) <sub>3</sub> , and (η <sup>6</sup> -1,4-C <sub>6</sub> H <sub>4</sub> Me((η <sup>5</sup> -C <sub>5</sub> H <sub>5</sub> )Fe(CO) <sub>2</sub> ))Cr(CO) <sub>3</sub> . <i>Organometallics</i> , 1992, 11, 3050-3055.	1.1	43
70	Alcoholysis of tri-tert-butylgallium: synthesis and structural characterization of [(But) <sub>2</sub> Ga(1/4-OR)] <sub>2</sub> . <i>Polyhedron</i> , 1994, 13, 2831-2846.	1.0	43
71	Preparation of Titanium Fluoroalkoxides by Alcoholysis of Titanium Alkoxides. <i>Inorganic Chemistry</i> , 1994, 33, 4950-4958.	1.9	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.	6.6	41
74	Supramolecular assemblies of calix [4] arenes organized by feeble forces. <i>Supramolecular Chemistry</i> , 1992, 1, 15-17.	1.5	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 (bpdc). Syntheses and X-ray Structures of $\text{HRu}_3(\text{CO})_7(\eta^3\text{-C}_3\text{H}_5)_2(\eta^1\text{-C}_6\text{H}_5)(\eta^1\text{-Ph}_2\text{PCCC(O)CH}_2\text{C(O)PPh}_2\text{CPh})$ 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.	1.1	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 $\text{Me}$ ) and $[\text{PR}_2]$ . <i>Polyhedron</i> , 1988, 7, 2083-2086.	1.0	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.	0.8	40
78	Formation of Ruthenium(II) Complexes with Unsymmetrical Terdentate Ligands. <i>Inorganic Chemistry</i> , 1997, 36, 3133-3138.	1.9	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.	3.2	40
81	Probing Individual Steps of Dynamic Exchange with $^{31}\text{P}$ 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.	6.6	40
82	Synthesis and Structure of a Diphosphadigalleteane: A Novel Base-Stabilized $\text{Ga}_2\text{P}_2$ 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.	1.9	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.	1.9	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.	1.9	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
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357	Title is missing!. <i>Journal of Chemical Crystallography</i> , 2000, 30, 627-632.	0.5	2
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359	Molecular structure of 2,6-di(bromomethyl)biphenyl. <i>Journal of Chemical Crystallography</i> , 2002, 32, 205-207.	0.5	2
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361	Photochemically promoted regiospecific Pâ€‘C bond cleavage in the diruthenium compound Ru <sub>2</sub> (CO) <sub>6</sub> (bmf): X-ray diffraction structure of Ru <sub>2</sub> (CO) <sub>6</sub> [ <sup>1</sup> / <sub>4</sub> -C=C(PPh <sub>2</sub> )C(O)OCH(OMe)]( <sup>1</sup> / <sub>4</sub> -PPh <sub>2</sub> ). Journal of Coordination Chemistry, 2007, 60, 1457-1467.	0.8	2
362	Reaction of HRu <sub>3</sub> (CO) <sub>10</sub> ( <sup>1</sup> / <sub>4</sub> -COMe) with bma: NMR and X-ray structural evidence for the formation of the Ph <sub>2</sub> PH-substituted cluster HRu <sub>3</sub> (CO) <sub>8</sub> (Ph <sub>2</sub> PH)[ <sup>1</sup> / <sub>4</sub> -PPh <sub>2</sub> C=CC(O)OC(O)]. Journal of Coordination Chemistry, 2007, 60, 1223-1232.	0.8	2
363	PMe <sub>3</sub> -induced CO insertion and CO deinsertion in the zwitterionic hydrocarbyl complex Co <sub>2</sub> (CO) <sub>4</sub> [ <sup>1</sup> / <sub>4</sub> -PhCC(H)PPh <sub>2</sub> CC(PPh <sub>2</sub> )C(O)OC(O)]: Syntheses and X-ray structures of Co <sub>2</sub> (CO) <sub>3</sub> (PMe <sub>3</sub> )[ <sup>1</sup> / <sub>4</sub> -PhC(CO)C(H)PPh <sub>2</sub> CC(PPh <sub>2</sub> )C(O)OC(O)] and Co <sub>2</sub> (CO) <sub>3</sub> (PMe <sub>3</sub> )[ <sup>1</sup> / <sub>4</sub> -PhCC(H)PPh <sub>2</sub> CC(PPh <sub>2</sub> )C(O)OC(O)]. Polyhedron, 2007, 26, 3737-3742.	1.0	2
364	Structure of 1-[(R)- <sup>1</sup> / <sub>4</sub> -methylbenzylamino]-7-[(R)- <sup>1</sup> / <sub>4</sub> -methylbenzylimino]-1,3,5-cycloheptatriene, H(CHIRAMT), a ligand used for enantioselective conjugate addition cuprate catalysis. Acta Crystallographica Section C: Crystal Structure Communications, 1989, 45, 1738-1740.	0.4	1
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366	Structure of L-alaninatodiphenylboron. Journal of Chemical Crystallography, 1995, 25, 521-524.	0.5	1
367	Structure of 2-acetoxy-1,2-di(1-adamantyl)ethanone. Journal of Chemical Crystallography, 1995, 25, 291-294.	0.5	1
368	X-ray diffraction structure of the pentamethylcyclopentadienylruthenium complex Cp* <sub>5</sub> Ru(NO)(ox). Journal of Chemical Crystallography, 1996, 26, 5-8.	0.5	1
369	Molecular structure of [(tBu) <sub>2</sub> Al( <sup>1</sup> / <sub>4</sub> -NHtBu)] <sub>2</sub> . Journal of Chemical Crystallography, 1996, 26, 563-567.	0.5	1
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