

Simon G Bott

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

391
papers

9,284
citations

48
h-index

74
g-index

396
ext. papers

9,673
ext. citations

3.7
avg, IF

5.37
L-index

#	Paper	IF	Citations
391	Molecular Structure of [Me ₂ Al(EDPh)] ₂ : A Crystallographic and Ab initio Study. <i>Journal of Chemical Crystallography</i> , 2008 , 38, 397-401	0.5	7
390	CO substitution in HRu ₃ (CO) ₁₀ (ECOME) by the unsaturated diphosphine ligand 4,5-bis(diphenylphosphino)-4-cyclopenten-1,3-dione (bpcd): Synthesis and reactivity studies of the face-capped cluster Ru ₃ (CO) ₇ (β-COMe)[EP(Ph)CC(PPh ₂)C(O)CH ₂ C(O)]. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 2327-2337	2.3	6
389	A bridge to coordination isomer selection in lanthanide(III) DOTA-tetraamide complexes. <i>Inorganic Chemistry</i> , 2007 , 46, 2584-95	5.1	38
388	Würster-B crowns: a comparative study of ortho- and para-phenylenediamine-containing macrocyclic receptors. <i>Inorganic Chemistry</i> , 2007 , 46, 10913-25	5.1	20
387	PMe ₃ -induced CO insertion and CO deinsertion in the zwitterionic hydrocarbyl complex Co ₂ (CO) ₄ [EPHCC(H)PPh ₂ CC(PPh ₂)C(O)OC(O)]: Syntheses and X-ray structures of Co ₂ (CO) ₃ (PMe ₃)[EPHCC(H)PPh ₂ CC(PPh ₂)C(O)OC(O)] and	2.7	2
386	Photochemically promoted regiospecific Pt bond cleavage in the diruthenium compound Ru ₂ (CO) ₂ (bmf): X-ray diffraction structure of Ru ₂ (CO) ₆ [EC=C(PPh ₂)C(O)OCH(OMe)](EPPh ₂). <i>Journal of Coordination Chemistry</i> , 2007 , 60, 1457-1467	1.6	2
385	Reaction of HRu ₃ (CO) ₁₀ (ECOME) with bma: NMR and X-ray structural evidence for the formation of the Ph ₂ PH-substituted cluster HRu ₃ (CO) ₈ (Ph ₂ PH)[EPPh ₂ C=CC(O)OC(O)]. <i>Journal of Coordination Chemistry</i> , 2007 , 60, 1223-1232	1.6	2
384	Synthesis of the chiral tetrahedral clusters RCCo ₂ NiCp(CO) ₄ (bmf) (R = H, Ph) and thermally promoted diphosphine ligand activation: Regiospecific Pt bond scission and X-ray diffraction structure of Co ₂ NiCp(CO) ₄ [R, R', R''-C(H)CC(PPh ₂)C(O)OCH(OMe)](EPPh ₂). <i>Journal of Organometallic Chemistry</i> , 2005 , 691, 20-26	2.3	5
383	Regiospecific and sequential Pt bond activation/cluster transformations in the reaction of PhCCo ₂ MoCp(CO) ₈ with the diphosphine ligands 2,3-bis(diphenylphosphino)maleic anhydride (bma) and 3,4-bis(diphenylphosphino)-5-methoxy-2(5H)-furanone (bmf). <i>Journal of Organometallic Chemistry</i> , 2005 , 691, 27-37	2.3	18
382	An efficient synthesis of the constrained peptidomimetic 2-oxo-3-(N-9-fluorenyloxycarbonylamino)-1-azabicyclo[4.3.0]nonane-9-carboxylic acid from pyroglutamic acid. <i>Journal of Organic Chemistry</i> , 2005 , 70, 10128-31	4.2	10
381	Reversible aryl CH bond activation in the reaction between HRu ₃ (CO) _{9,10} (EPPh ₂) and the diphosphine ligand 4,5-bis(diphenylphosphino)-4-cyclopenten-1,3-dione (bpcd): X-ray diffraction structures of H ₂ Ru ₃ (CO) ₇ (bpcd)[EPPh(C ₆ H ₄)] and	2.3	11
380	Ligand substitution in the mixed-metal cluster PhCCo ₂ Ni(CO) ₆ Cp by 2,3-bis(diphenylphosphino)maleic anhydride (bma): An intimate picture involving the stepwise conversion of the trinuclear cluster PhCCo ₂ Ni(CO) ₄ (R-bma)Cp to the mononuclear compound CpNi[EPPh ₂ CPhCC(PPh ₂)C(O)OC(O)]. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 3067-3079	2.3	22
379	Polene ring attack in diag-CpRe(CO) ₂ Br ₂ by hydride and cyclopentadiene displacement to furnish trans(Br)-[Re(CO) ₄ Br ₂]. Under CO: X-ray diffraction structure of trans(Br)-[Re(CO) ₄ Br ₂][PPh ₄]. <i>Journal of Chemical Crystallography</i> , 2005 , 35, 203-209	0.5	1
378	Molecular structure of [(tBu) ₂ Al(EDC ₆ H ₄ -2-Me)] ₂ . <i>Journal of Chemical Crystallography</i> , 2005 , 35, 313-316	0.5	6
377	Synthesis, X-ray diffraction structure, and redox chemistry of Re ₂ (CO) ₈ (bmf). <i>Journal of Chemical Crystallography</i> , 2005 , 35, 709-716	0.5	3
376	Reaction of 1,2-bis(diphenylphosphino)cyclobutenedione (bpcbd) with fac-BrRe(CO) ₃ (THF) ₂ : X-ray diffraction structure of the dimeric complex [BrRe(CO) ₃] ₂ (bpcbd)·CH ₂ Cl ₂ . <i>Journal of Chemical Crystallography</i> , 2004 , 34, 127-133	0.5	1
375	Reaction of the dicobalt alkyne compound Co ₂ (CO) ₆ (Edmad) with the diphosphine ligand 4,5-bis(diphenylphosphino)-4-cyclopenten-1,3-dione (bpcd). Spectroscopic properties, X-ray diffraction data, and thermal reactivity of the chelating isomer of Co ₂ (CO) ₄ (bpcd)(Edmad). <i>Journal of Chemical Crystallography</i> , 2004 , 34, 513-521	0.5	6

- 374 Thermally induced dual P-C bond cleavage routes from the imido-capped cluster Ru₃(CO)₇(B-CO)(B-NPh)(bpcd): synthesis, spectroscopic properties, and X-ray diffraction structures of Ru₃(CO)₇(B-CO)(B-NPh)(bpcd), *Journal of Chemical Crystallography*, **2004**, 34, 883-891 2.3 23
- 373 CO substitution in the mixed-metal clusters PhCCo₂Ni(CO)₆Cp and PhCCo₂Mo(CO)₈Cp by (Z)-Ph₂PCH=CHPh₂. X-ray diffraction structures and proof of ligand bridging in PhCCo₂Ni(CO)₄[(Z)-Ph₂PCH=CHPh₂]Cp and PhCCo₂Mo(CO)₆[(Z)-Ph₂PCH=CHPh₂]Cp. *Journal of Chemical Crystallography*, **2004**, 34, 883-891 0.5 9
- 372 Pd catalyzed coupling of 1,2-dibromoarenes and anilines: formation of N,N-diaryl-o-phenylenediamines. *Tetrahedron Letters*, **2004**, 45, 6851-6853 2 53
- 371 Unusual chemical reactivity in the reactions of Re₂(CO)₈(H)(H₂,D-CH₂CHBu) with 2,3-bis(diphenylphosphino)maleic anhydride (bma) and Re₂(CO)₈(bma) with Ni(cod)₂: X-ray diffraction structures of Re₂(CO)₈(bma), zwitterionic Re(CO)₄[Re(CO)₄(bma)], and the phosphido-bridged complex Re₂(CO)₈(H)(H₂(O))(PPh₂). *Journal of Organometallic Chemistry*, **2004**, 677, 1-10 2.3 8
- 370 Aluminium alkyl and aryloxide complexes of pyrazine and bipyridines: synthesis and structure. *Dalton Transactions*, **2004**, 3689-94 4.3 16
- 369 Synthesis, relaxometric and photophysical properties of a new pH-responsive MRI contrast agent: the effect of other ligating groups on dissociation of a p-nitrophenolic pendant arm. *Journal of the American Chemical Society*, **2004**, 126, 9248-56 16.4 119
- 368 X-ray diffraction structure of (5S)-3,4-dichloro-5-menthoxy-2(5H)-furanone. *Journal of Chemical Crystallography*, **2003**, 33, 585-588 0.5 1
- 367 Reaction of 2,3-bis(diphenylphosphino)maleic acid-thioanhydride (bmata) with PhCCo₃(CO)₉. X-ray diffraction structure of ({text{Co}}_{3}) ({text{CO}}_{9}) [mu _2 ,eta ^2 ,eta ^1 {text{C(Ph)}} {text{(O)}} mu _2 {text{- PPh}}_{2}]. *Journal of Chemical Crystallography*, **2003**, 33, 549-556 0.5 2
- 366 Regiospecific CO substitution in (H)Ru₃(B-B-CHCHCMe)(CO)₉ by 4,5-bis(diphenylphosphino)-4-cyclopenten-1,3-dione(bpcd). X-ray structure of (H)Ru₃(B-B-CHCHCMe)(CO)₇(bpcd)·MeOH. *Journal of Chemical Crystallography*, **2003**, 33, 681-687 0.5 6
- 365 [2,2,9,9-tetramethyl-3,7-dithiadecane) decacarbonylditungsten(0). *Journal of Chemical Crystallography*, **2003**, 33, 701-704 0.5 1
- 364 Group 13 trihalide complexes of 9-fluorenone: a comparison of methods for assigning relative Lewis acidity. *Journal of Organometallic Chemistry*, **2003**, 666, 23-34 2.3 29
- 363 Reaction of [Ga₂(tBu)₄(neol-H)]₂ with early transition metal chlorides and amides. *Polyhedron*, **2003**, 22, 9-17 2.7 7
- 362 Phosphine Ligand Attack at Both the Methylidyne Cap and the CpNi Center in HCCo₂NiCp(CO)₆ by 2,3-Bis(diphenylphosphino)maleic Anhydride (bma): P-C Bond Cleavage Reactivity, Kinetics, and X-ray Structures of the Zwitterionic Clusters Co₂NiCp(CO)₄(CO)[μ₂,η²-C(H)PPh₂CC(PPh₂)C(O)OC(O)] and NiCp(CO)₃(CO)[μ₂,η²-C(H)PPh₂CC(PPh₂)C(O)OC(O)] *Journal of Organometallic Chemistry*, **2003**, 677, 1-10 3.8 33
- 361 A New Mechanism for Cement Hydration Inhibition? Solid-State Chemistry of Calcium 1390 Nitrilotris(methylene)triphosphonate. *Chemistry of Materials*, **2003**, 15, 3074-3088 9.6 110
- 360 Acetylide Participation in Ligand Substitution and P-C Bond Cleavage in the Reaction between HRu₃(CO)₉(B,D,D,η¹-C₂CPh) and 4,5-Bis(diphenylphosphino)-4-cyclopenten-1,3-dione (bpcd). Syntheses and X-ray Structures of HRu₃(CO)₇(B,D,D,η¹,η¹,η¹-Ph₂PCCC(O)CH₂C(O)PPh₂CCPh] and Ru₃(CO)₇(D,η¹-PhCCHPh)(D,η¹-PPhCCC(O)CH₂C(O)PPh₂). *Organometallics*, **2003**, 22, 1953-1959 3.8 37
- 359 1,4-dioxobenzene compounds of gallium: reversible binding of pyridines to [(tBu)₂Ga]₂(μ₂-OC(6)H(4)O)](n) in the solid state. *Journal of the American Chemical Society*, **2003**, 125, 11006-17 16.4 19
- 358 Molecular structures of Ga(tBu)₂(OPh)(pyz)PhOH and [(tBu)₂Ga(H₂O)(OH)Ga(tBu)₂]₂(EOC₆H₄O)]₄(2-Mepy): intra- and inter-molecular hydrogen bonding to gallium aryloxides. *Polyhedron*, **2002**, 21, 1877-1882 2.7 8
- 357 Aluminum, gallium and copper complexes of 2,2-dimethyl-1,3-propanediamine. *Journal of Organometallic Chemistry*, **2002**, 643-644, 53-60 2.3 9

- 356 Molecular structure of 2,6-di(bromomethyl)biphenyl. *Journal of Chemical Crystallography*, **2002**, 32, 205-207 2
- 355 Transition-metal complexes of a bifunctional tetradentate gallium alkoxide ligand. *Inorganic Chemistry*, **2002**, 41, 571-6 5.1 20
- 354 1,4-Dioxobenzene compounds of aluminium. *Dalton Transactions RSC*, **2002**, 3327-3332 13
- 353 η^6 Facial selectivities and proximal/distal regioselectivities in Diels-Alder reactions of unsymmetrical, cage-annulated 1,3-cyclohexadienes. *Tetrahedron*, **2001**, 57, 8629-8635 2.4 3
- 352 Molecular structure of [(tBu)₂Al(3,5-Me₂py)]₂(ED): Preferential hydrolysis of an aluminum-aryl over an aluminum-alkyl. *Journal of Chemical Crystallography*, **2001**, 31, 417-420 0.5 7
- 351 X-ray diffraction structure of Re₂(CO)₈[(Z)-Ph₂PCH=CHPh₂]. Proof for diphosphine ligation across the ReRe bond. *Journal of Chemical Crystallography*, **2001**, 31, 485-489 0.5 4
- 350 Ligand-Promoted Transformation of the β -D-Vinylidene Ligand in the Reaction between RuCo₂(CO)₉(β -D-C=CHPh) and 4,5-Bis(diphenylphosphino)-4-cyclopenten-1,3-dione (bpcd). X-Ray Structure of RuCo₂(CO)₇(bpcd)(β -D-C=CHPh). *Structural Chemistry*, **2001**, 12, 237-242 1.8 6
- 349 CO Substitution in PhCCo₃(CO)₉ by 4,5-Bis(diphenylphosphino)-4-cyclopenten-1,3-dione (bpcd). Ligand Fluxionality, Kinetics, and X-Ray Structures of PhCCo₃(CO)₇(bpcd) and $\{(\text{CO})_6[\mu_2\text{-}\eta^2, \eta^1\text{-C(Ph)C}] = \text{C(PPh)}_2\}(\text{CO})\text{Cl}(\text{PPh})_2$. *Structural Chemistry*, **2001**, 12, 243-252 1.8 21
- 348 Aluminium and gallium compounds of salicylic and anthranilic acids: examples of weak intra-molecular hydrogen bonding. *Dalton Transactions RSC*, **2001**, 1253-1258 41
- 347 Hydrothermal syntheses, structures, and properties of [Cu₃Cl₂CN(pyrazine)] and copper(I) halide pyrazine polymers. *Inorganic Chemistry*, **2001**, 40, 29-35 5.1 51
- 346 Synthesis and structures of crystalline dilithium diamides and aminolithium amides derived from N,N'-disubstituted 1,2-diaminobenzenes or 1,8-diaminonaphthalene. *Dalton Transactions RSC*, **2001**, 3179-3188 43
- 345 Crystal packing of alcohol amines formed by the reaction of primary amines with 1,2-epoxy-3-phenoxypropane. *Journal of Materials Chemistry*, **2001**, 11, 284-288 1
- 344 An accuracy assessment of the refinement of partial metal disorder in solid solutions of Al(acac)₃ and Cr(acac)₃. *Dalton Transactions RSC*, **2001**, 2148-2147 18
- 343 Arene-mercury complexes stabilized aluminum and gallium chloride: synthesis and structural characterization. *Journal of the American Chemical Society*, **2001**, 123, 11219-28 16.4 29
- 342 A Lewis Base Promoted Alkyl/Alkoxide Ligand Redistribution: Reaction of [Me₂Al(EDCPH₃)]₂ with THF. *Organometallics*, **2001**, 20, 5119-5124 3.8 12
- 341 Aluminum Alkoxides as Synthons for Methylalumoxane (MAO): Product-Catalyzed Thermal Decomposition of [Me₂Al(EDCPH₃)]₂. *Organometallics*, **2001**, 20, 5162-5170 3.8 25
- 340 Photochemically mediated alkyne metalation in the donor-acceptor complexes Ru₂(CO)₆(EP?P) [where P?P=bpcd, (Z)-Ph₂PCH?CHPh₂]. X-ray diffraction structure of the zwitterionic compound Ru₂(CO)₆[(Z)-MeO₂CC?CCO₂Me](Ebpcd). *Inorganica Chimica Acta*, **2000**, 300-302, 1077-1081 2.7 1
- 339 Sterically crowded aryloxides of aluminum: intramolecular coordination of bidentate ligands. *Journal of Organometallic Chemistry*, **2000**, 597, 29-37 2.3 25

338	Molecular structure of [trans-FeCl ₂ (imidazole) ₄ Cl]Cl·HF·H ₂ O. <i>Journal of Chemical Crystallography</i> , 2000 , 30, 61-63	0.5	6
337	Molecular structure of Al _{0.916} Cr _{0.084} (acac) ₃ . <i>Journal of Chemical Crystallography</i> , 2000 , 30, 65-67	0.5	7
336	X-ray diffraction structure of Co ₂ (CO) ₄ (PPhC≡CH)[(Z)-Ph ₂ PCH=CHPPh ₂]: proof for diphosphine ligand chelation. <i>Journal of Chemical Crystallography</i> , 2000 , 30, 627-632	0.5	1
335	Molecular design of lipophilic disalicylic acid compounds with varying spacers for selective lead(II) extraction. <i>Talanta</i> , 2000 , 52, 385-96	6.2	7
334	tert-Butyl compounds of gallium. <i>Dalton Transactions RSC</i> , 2000 , 577-588		37
333	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		45
332	Acid and base assisted topological reorganization of gallium sulfido clusters. <i>Dalton Transactions RSC</i> , 2000 , 1679-1680		5
331	Selective diphosphine ligand chelation and pi bond coordination in CoRu(CO) ₇ (mu-PPh ₂): kinetics and X-ray structure of CoRu(CO) ₄ (mu-bma)(mu-PPh ₂). <i>Inorganic Chemistry</i> , 2000 , 39, 6051-5	5.1	19
330	Probing Individual Steps of Dynamic Exchange with 31P EXSY NMR Spectroscopy: Synthesis and Characterization of the [E7PtH(PPH ₃) ₂]-Zintl Ion Complexes [E = P, As]. <i>Journal of the American Chemical Society</i> , 2000 , 122, 11101-11107	16.4	35
329	Structural characterization of borate esters in which sodium acts as a support to the structural framework. <i>Dalton Transactions RSC</i> , 2000 , 3100-3105		22
328	Are intramolecularly stabilized compounds of aluminum suitable structural models of the S _N 2 transition state? Molecular structure of [(tBu) ₂ Al(EDC6H ₄ -2-OMe) ₂]. <i>Polyhedron</i> , 1999 , 18, 2211-2218	2.7	10
327	Chelation of a diphosphine ligand at FeCo ₂ (CO) ₉ (β-S): Spectroscopic and X-ray diffraction data for FeCo ₂ (CO) ₇ (bpcd)(β-S). <i>Journal of Chemical Crystallography</i> , 1999 , 29, 391-397	0.5	13
326	Reaction of bis(dimethoxyphosphino)dimethylhydrazine (dmpdmh) with Ru ₃ (CO) ₁₂ : Evidence for facile ligand fragmentation in Ru ₃ (CO) ₁₀ (dmpdmh) to give Ru ₄ (CO) ₁₂ [E(N(Me)N(Me))], Ru ₃ (CO) ₁₁ [P(OMe) ₃], and Ru ₃ (CO) ₉ [P(OMe) ₃]. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 587-595	0.5	8
325	Room temperature ligand fragmentation in the reaction between PhCCo ₃ (CO) ₉ and Ph ₂ PN(Me)N(Me)PPh ₂ . X-ray diffraction structure of PhCCo ₃ (CO) ₈ [Ph ₂ PP(O)Ph ₂]. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 603-608	0.5	3
324	Generation and intermolecular trapping of a cage-annulated cycloalkylidenecarbene. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 329-333	0.5	
323	Synthesis and crystal structure of 4,5-dibromo[2.1.1]triblattene. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 351-354	0.5	
322	Molecular structure of (tBu) ₃ Al[O=C(OPh) ₂]. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 993-996	0.5	9
321	Structure of a deaza dimer of 4-methyl-3H-1,2,4-triazole-3,5(4H)-dione. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 15-18	0.5	2

320	Reaction of ethyl diazoacetate with $\text{Co}_3(\text{CO})_9(\beta\text{-CCL})$: Isolation and X-ray structures of $\text{Co}_3(\text{CO})_9(\beta\text{-CCO}_2\text{Et})$, $\text{Co}_3(\text{CO})_9(\beta\text{-CCH}_2\text{CO}_2\text{Et})$, and $[\text{Co}_3(\text{CO})_9(\beta\text{-CCHCO}_2\text{Et})]_2$. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 609-617	0.5	2
319	Synthesis and structure of a bis(ethynyl)-substituted oxahexacyclic cage ether. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 347-349	0.5	
318	Molecular structure of $\text{PhOCH}_2\text{CH}(\text{OH})\text{CH}_2\text{OPh}$. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 247-250	0.5	2
317	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	9.6	31
316	Cleavage of Cyclodimethylsiloxanes by Dialkylaluminum Hydrides and the Nature of the Siloxyaluminum Products. <i>Organometallics</i> , 1999 , 18, 5395-5408	3.8	43
315	Synthesis and structural characterization of indium compounds with bidentate amide ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 141-146		5
314	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		46
313	Aluminium compounds containing bidentate ligands: ligand base strength and remote geometric control over degree of association. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 67-72		23
312	Steric Effects in Aluminum Compounds Containing Monoanionic Potentially Bidentate Ligands: Toward a Quantitative Measure of Steric Bulk. <i>Organometallics</i> , 1999 , 18, 4399-4416	3.8	57
311	Reaction of $\text{Al}(\text{tBu})_3$ with Ethylene Glycol: Intermediates to Aluminum Alkoxide (Alucone) Pre ceramic Polymers. <i>Chemistry of Materials</i> , 1999 , 11, 3181-3188	9.6	35
310	Crystal Structure of $[\text{Ru}(\text{terpy})(2)](0)$: A New Crystalline Material from the Reductive Electrocrystallization of $[\text{Ru}(\text{terpy})(2)](2+)$. <i>Inorganic Chemistry</i> , 1999 , 38, 3337-3343	5.1	74
309	Synthesis and Structural Characterization of Cyclopentadienyliron and Cyclopentadienylmolybdenum Gallium Compounds. <i>Organometallics</i> , 1999 , 18, 2668-2676	3.8	30
308	Steric Effects in Aluminum Compounds Containing Monoanionic Potentially Bidentate Ligands: Effect of the Steric Bulk at the β -Carbon. <i>Main Group Chemistry</i> , 1999 , 3, 43-51	0.6	
307	Hydroalumination of $\text{H}_2\text{C}=\text{CHCH}_2\text{SMe}$: Synthesis and Molecular Structure of. <i>Main Group Chemistry</i> , 1999 , 3, 53-57	0.6	4
306	Site-selective PMe_3 addition to the donor-acceptor complex $\text{Ru}_2(\text{CO})_6[(Z)\text{-Ph}_2\text{PCH}_2\text{CHPh}_2]$. X-ray diffraction structure of $\text{Ru}_2(\text{CO})_5(\text{PMe}_3)[(Z)\text{-Ph}_2\text{PCH}_2\text{CHPh}_2]$. <i>Inorganica Chimica Acta</i> , 1998 , 267, 223-228	2.7	2
305	Synthesis of a mixed cluster/binuclear compound. Electrochemical properties and X-ray diffraction structure of $\text{Co}_3(\text{CO})_9[\beta\text{-CCO}_2\text{CH}_2\text{CCH}\{\text{Co}_2(\text{CO})_6\}]$. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 693-699	0.5	2
304	Molecular structures of $\text{M}(\text{tfac})_3$ ($\text{M}=\text{Al}, \text{Co}$) and $\text{Cu}(\text{H}_2\text{O})(\text{fod})_2$: Examples of unusual supramolecular architecture. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 815-824	0.5	10
303	Crystal structures of four dibromomethylene-functionalized cage compounds. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 259-266	0.5	3

302	Molecular structure of [CpFe(CO) ₂] ₃ In. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 835-838	0.5	1
301	Crystal structures of three substituted pentacyclo[5.4.0.0.2,6.0.3,10.0.5,9]undecanes. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 251-258	0.5	5
300	Reaction of bis(dimethoxyphosphino)dimethylhydrazine (dmpdmh) with PhCCo ₃ (CO) ₉ : synthesis and X-ray characterization of the dmpdmh-bridged polymorphs of PhCCo ₃ (CO) ₇ [(MeO) ₂ PN(Me)N(Me)P(OMe) ₂]. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 401-407	0.5	6
299	Molecular structures of (tBu)Ga(S ₂ CNnPr ₂) ₂ and (iPrO)Ga(S ₂ CNEt ₂) ₂ : An example of an unusual ligand pseudorotation. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 629-634	0.5	5
298	Regiospecific ligand addition to the donor-acceptor compound Ru ₂ (CO) ₆ (bpcd): syntheses and X-ray diffraction structures of Ru ₂ (CO) ₅ L(bpcd) and Ru ₂ (CO) ₅ L[EC=C(PPh ₂)C(O)CH ₂ C(O)](Ø-PPh ₂) (where L = PMe ₃ and tBuNC). <i>Journal of Chemical Crystallography</i> , 1998 , 28, 385-399	0.5	10
297	Molecular structure of AlH ₃ [N(CH ₂ CH ₂) ₃ CH] ₂ . <i>Journal of Chemical Crystallography</i> , 1998 , 28, 649-651	0.5	10
296	Synthesis and alkali metal picrate extraction capabilities of a 4-oxahexacyclo[5.4.1.0.2,6.0.3,10.0.5,9.0.8,11]dodecane-derived cryptand. A new ionophore for selective ion complexation. <i>Tetrahedron Letters</i> , 1998 , 39, 1861-1864	2	25
295	Trimethylsilyl iodide as a halide exchange reagent in inorganic chemistry: synthesis and structure of Cp ₂ *ThI ₂ (Cp* = C ₅ Me ₅). <i>Inorganica Chimica Acta</i> , 1998 , 274, 232-235	2.7	17
294	Synthesis and acid- and base-promoted ring opening of polycarbocyclic oxiranes. <i>Tetrahedron</i> , 1998 , 54, 4459-4470	2.4	9
293	Synthesis, characterization and crystal density modeling of spiropolycyclic oxiranes. <i>Tetrahedron</i> , 1998 , 54, 4485-4492	2.4	1
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