

Carolyn Pratt Brock

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.

120
papers

3,904
citations

30
h-index

60
g-index

130
ext. papers

4,094
ext. citations

7.2
avg, IF

5.15
L-index

#	Paper	IF	Citations
120	Approximate symmetry in the third reported structure of a metal complex of L-DOPA. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2021 , 77, 441-442	0.8	
119	Pseudosymmetric layers in high-Z? and P1 structures of organic molecules. <i>CrystEngComm</i> , 2020 , 22, 7371-7379	3.3	3
118	Identifying and characterizing translationally modulated molecular crystal structures. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020 , 76, 630-642	1.8	7
117	A new tool for finding approximate symmetry. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 835-836	0.8	2
116	High-ZRstructures of organic molecules: their diversity and organizing principles. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016 , 72, 807-821	1.8	54
115	An exceptional 5:4 enantiomeric structure. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016 , 72, 223-31	1.8	4
114	C ₆ H ₄ S ₂ AsCl: description and interpretation of an incommensurately modulated molecular crystal structure. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2013 , 69, 496-508	1.8	6
113	[Ni(MeCN)(H ₂ O) ₂ (NO ₃) ₂][15-crown-5][MeCN]: detailed study of a four-phase sequence that includes an intermediate modulated phase. <i>Acta Crystallographica Section B: Structural Science</i> , 2012 , 68, 389-400		8
112	Failures of fractional crystallization: ordered co-crystals of isomers and near isomers. <i>Acta Crystallographica Section B: Structural Science</i> , 2011 , 67, 79-93		26
111	Detailed study of the phase transition in [Ni(H ₂ O) ₆](NO ₃) ₂ ·[15-crown-5]·H ₂ O and analysis in terms of mean-field theory. <i>Acta Crystallographica Section B: Structural Science</i> , 2011 , 67, 130-43		3
110	[Ni(H ₂ O) ₆](NO ₃) ₂ ·[15-crown-5]·2H ₂ O: three phase transitions and an intermediate modulated phase stable over a range of ca 40 K. <i>Acta Crystallographica Section B: Structural Science</i> , 2011 , 67, 486-98		10
109	A list of organic kryptoracemates. <i>Acta Crystallographica Section B: Structural Science</i> , 2010 , 66, 94-103		80
108	More examples of the 15-crown-5...H ₂ O-M-OH ₂ ...15-crown-5 motif, M = Al ³⁺ , Cr ³⁺ and Pd ²⁺ . <i>Acta Crystallographica Section B: Structural Science</i> , 2010 , 66, 213-21		42
107	Polymorphism of an Organic System Effected by the Directionality of Hydrogen-Bonding Chains. <i>Crystal Growth and Design</i> , 2008 , 8, 3137-3140	3.5	28
106	Five more phases of the structural family [M(H ₂ O) ₂ (15-crown-5)](NO ₃) ₂ . <i>Acta Crystallographica Section B: Structural Science</i> , 2008 , 64, 738-49		11
105	The elusive [Ni(H ₂ O) ₂ (15-crown-5)] ²⁺ cation and related co-crystals of nickel(II) hydrates and 15-crown-5. <i>Acta Crystallographica Section B: Structural Science</i> , 2008 , 64, 725-37		11
104	Solid-state compounds of stereoisomers: cis and trans isomers of 1,2-cyclohexanediol and 2,3-tetralindiol. <i>Acta Crystallographica Section B: Structural Science</i> , 2007 , 63, 433-47		9

103	An unexpected co-crystal with a variable degree of order: 1:1 rac-1,2-cyclohexanediol/triphenylphosphine oxide. <i>Acta Crystallographica Section B: Structural Science</i> , 2007 , 63, 912-25		8
102	S,S-1,2-Dicyclohexylethane-1,2-diol and its racemic compound: a striking exception to Wallach's rule. <i>Acta Crystallographica Section B: Structural Science</i> , 2006 , 62, 488-97		12
101	[M(H ₂ O) ₂ (15-crown-5)](NO ₃) ₂ : A System Rich in Polymorphic and Modulated Phases \square <i>Crystal Growth and Design</i> , 2005 , 5, 2225-2232	3.5	38
100	A helical structure with ZR= 10. <i>Acta Crystallographica Section B: Structural Science</i> , 2005 , 61, 218-26		31
99	Three modulation patterns in four related [M(H ₂ O) ₂ (15-crown-5)](NO ₃) ₂ structures. <i>Acta Crystallographica Section B: Structural Science</i> , 2005 , 61, 675-88		12
98	The unusual phases of anhydrous and hydrated pinacol. <i>Acta Crystallographica Section B: Structural Science</i> , 2005 , 61, 689-99		17
97	2-Biphenylol revisited. <i>Acta Crystallographica Section B: Structural Science</i> , 2004 , 60, 197-203		6
96	Packing conflicts in the ZR= 5 structure of CF ₃ (CF ₂) ₃ (CH ₂) ₁₀ COOH. <i>Acta Crystallographica Section B: Structural Science</i> , 2004 , 60, 325-32		13
95	7,8-(Dichloromethano)homo[70]fullerene, an Unusual, but Unexceptional, Methanoannulene. <i>Helvetica Chimica Acta</i> , 2003 , 86, 1140-1151	2	6
94	Dichloro[1,1R(5,9-dithia-2,12-diazoniatrieca-1,12-diene-1,13-diyl)dinaphthalen-2-olato-kappa2O,O']dimethyltin(IV) acetonitrile solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003 , 59, m10-2		1
93	Isostructural or not? Adducts of some aryltin halides with (E)-1,2-bis(4-pyridyl)ethene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003 , 59, m207-11		2
92	ZR= 4 structure without obvious pseudosymmetry: implications for the formation of solid-state compounds. <i>Acta Crystallographica Section B: Structural Science</i> , 2002 , 58, 140-7		31
91	Two phases of C ₉ H ₁₂ O ₄ : why is the structure at 295 K so complicated?. <i>Acta Crystallographica Section B: Structural Science</i> , 2002 , 58, 502-11		6
90	Crystal packing in vicinal diols C _n H _m (OH) ₂ . <i>Acta Crystallographica Section B: Structural Science</i> , 2002 , 58, 1025-31		42
89	Phase Transitions During Crystal Growth?. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 389, 79-85	0.5	3
88	Mechanistic insight into fragmentation reactions of titanapinacolate complexes. <i>Journal of the American Chemical Society</i> , 2002 , 124, 12217-24	16.4	21
87	Two fluoradene derivatives: pseudosymmetry, eccentric ellipsoids and a phase transition. <i>Acta Crystallographica Section B: Structural Science</i> , 2001 , 57, 507-16		8
86	Perchlorophenalenyl radical, C ₁₃ Cl ₉ : a modulated structure with nine threefold-symmetric molecules in the asymmetric unit. <i>Acta Crystallographica Section B: Structural Science</i> , 2001 , 57, 680-91		11

85	Perchlorophenalenyl radical. <i>Journal of the American Chemical Society</i> , 2001 , 123, 3864-71	16.4	135
84	Reactivity of a Well-Characterized Titananorbornadiene (η^6 -Arene) Complex with Ketones and Aldehydes. <i>Organometallics</i> , 2000 , 19, 4187-4190	3.8	20
83	Stereochemical Inversion of a Coordinated, Curved Hydrocarbon: Syntheses and Structures of exo-andendo-[Ru(η^6 -fluoradene)(η^5 -C ₅ Me ₅)](CF ₃ SO ₃). <i>Journal of the American Chemical Society</i> , 2000 , 122, 3973-3974	16.4	13
82	Unusual Reductive Coupling of Alkynes and Ketones: Reactivity of Titanacycles Supported by Dimethylsilylcalix[4]arene (DMSC) Ligands. <i>Organometallics</i> , 2000 , 19, 5016-5025	3.8	17
81	The First Structurally Characterized Homofullerene (Fulleroid). <i>Journal of the American Chemical Society</i> , 1999 , 121, 7971-7972	16.4	49
80	Systematic Study of Crystal Packing 1999 , 251-262		4
79	(S,S)-trans-2,3-Tetralindiol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998 , 54, 1486-1488		
78	2:1 Adducts of Halotris(p-tolyl)tin(IV) with 1,9-Bis(4-oxopent-2-en-2-ylamino)-3,7-dithianonane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998 , 54, 1618-1622		
77	Temperature Dependence of the Rigid-Body Motion of Anthraquinone. <i>Acta Crystallographica Section B: Structural Science</i> , 1998 , 54, 308-315		14
76	Benzyne Adds Across a Closed 5 β Ring Fusion in C ₇₀ : Evidence for Bond Delocalization in Fullerenes. <i>Journal of the American Chemical Society</i> , 1998 , 120, 2337-2342	16.4	101
75	Pentachlorotoluene: Rotational and Compositional Disorder. <i>Acta Crystallographica Section B: Structural Science</i> , 1997 , 53, 613-619		1
74	[MPh ₄][BPh ₄], M = P, As and Sb. <i>Acta Crystallographica Section B: Structural Science</i> , 1997 , 53, 773-779		8
73	Retention of $\bar{4}$ Symmetry in Compounds Containing MAr ₄ Molecules and Ions. <i>Acta Crystallographica Section B: Structural Science</i> , 1997 , 53, 780-786		13
72	Rigid-Body Disorder Models for the High-Temperature Phase of Ferrocene. <i>Acta Crystallographica Section B: Structural Science</i> , 1997 , 53, 928-938		58
71	Planarity of nitro-substituted phenothiazines. <i>Acta Crystallographica Section B: Structural Science</i> , 1996 , 52 (Pt 4), 713-9		6
70	A Dihydromorphine-6-O-sulfate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996 , 52, 122-125		3
69	Investigations of the Systematics of Crystal Packing Using the Cambridge Structural Database. <i>Journal of Research of the National Institute of Standards and Technology</i> , 1996 , 101, 321-325	1.3	26
68	Anomalous vortex dynamics in kappa -. <i>Physical Review B</i> , 1995 , 51, 3301-3304	3.3	4

- 67 9-Fluoro-16-methyl-3,17-dioxoandrosta-1,4-dien-11-yl 2-Butynoate. *Acta Crystallographica Section C: Crystal Structure Communications*, **1995**, 51, 2437-2439 1
- 66 An Almost Planar Hydrazine Moiety in a Diels-Alder Adduct. *Acta Crystallographica Section C: Crystal Structure Communications*, **1995**, 51, 2434-2437
- 65 Physical Properties of 6R-TaS₂. *Journal of Solid State Chemistry*, **1995**, 114, 486-490 3.3 8
- 64 On the Prevalence of polar and Chiral Space Groups. *Molecular Crystals and Liquid Crystals*, **1994**, 242, 61-69 1
- 63 Vibrating reed study of the flux line dissipation of ceramic and single-crystal (Ba, K)BiO₃. *Journal of Superconductivity and Novel Magnetism*, **1994**, 7, 835-839 3
- 62 Towards a Grammar of Crystal Packing. *Chemistry of Materials*, **1994**, 6, 1118-1127 9.6 327
- 61 An octahydro-3a,6-methanoazulen-5-one resulting from an intramolecular Friedel-Crafts acylation. *Acta Crystallographica Section C: Crystal Structure Communications*, **1994**, 50, 106-108 0
- 60 A steroid derivative that crystallizes with three molecules in the asymmetric unit. *Acta Crystallographica Section C: Crystal Structure Communications*, **1994**, 50, 434-438 3
- 59 Product of a Paterno-Büchi reaction of pentafluorobenzaldehyde and 4-tert-butyl-1-acetoxycyclohexene. *Acta Crystallographica Section C: Crystal Structure Communications*, **1994**, 50, 1345-1347 1
- 58 Product of a Paterno-Büchi reaction of pentafluorobenzaldehyde and 1-acetoxycyclododecene. *Acta Crystallographica Section C: Crystal Structure Communications*, **1994**, 50, 1805-1807
- 57 Anomalous Space-Group Frequencies for Monoalcohols C_nH_mOH. *Chemistry of Materials*, **1994**, 6, 1307-1312 180
- 56 Diastereoselectivity in the Paterno-Buechi Reaction of Enol Acetates and Benzaldehydes. *Journal of Organic Chemistry*, **1994**, 59, 4677-4679 4.2 15
- 55 An enantioselective approach to ring A of taxol using the Wieland-Miescher ketone. *Tetrahedron Letters*, **1993**, 34, 55-58 2 7
- 54 Addition of tert-butyldimethyl- or tert-butyldiphenylsilyl cyanide to hindered ketones. *Journal of Organic Chemistry*, **1993**, 58, 159-164 4.2 36
- 53 Structural, spectroscopic, and electrochemical investigation of luminescent bimetallic complexes of rhenium(I). *Inorganic Chemistry*, **1992**, 31, 4346-4353 5.1 69
- 52 A synthesis of C-23 and C-24 diastereomers of 5 β -dinosterane. *Tetrahedron Letters*, **1992**, 33, 7689-7692 2 7
- 51 Two closely related structures: (1R,7aS)-2,3,7,7a-tetrahydro-7a-phenylthio-1H-indene-1,5(6H)-dione and its racemic compound. *Acta Crystallographica Section B: Structural Science*, **1992**, 48, 719-725 1
- 50 Space-group frequencies. *Acta Crystallographica Section A: Foundations and Advances*, **1991**, 47, 854-854 7

49	Transferability of deformation densities among related molecules: atomic multipole parameters from perylene for improved estimation of molecular vibrations in naphthalene and anthracene. <i>Acta Crystallographica Section B: Structural Science</i> , 1991 , 47, 789-797		64
48	On the validity of Wallach's rule: on the density and stability of racemic crystals compared with their chiral counterparts. <i>Journal of the American Chemical Society</i> , 1991 , 113, 9811-9820	16.4	448
47	Nitrogen-bonded triazole derivatives of boron: cyclotetrakis(triazolylboranes). <i>Inorganic Chemistry</i> , 1991 , 30, 784-789	5.1	12
46	Temperature dependence of thermal motion in crystalline anthracene. <i>Acta Crystallographica Section B: Structural Science</i> , 1990 , 46, 795-806		201
45	Structure of 3,3a,6-trimethyl-3a,7a-dihydro-2(3H),5(4H)-benzo[b]furan-2-one. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1989 , 45, 1643-1645		
44	Systematic effects of crystal-packing forces: biphenyl fragments with hydrogen atoms in all four ortho positions. <i>Journal of the American Chemical Society</i> , 1989 , 111, 4586-4593	16.4	132
43	Structure of bis(quinuclidine)iodine(I) tetrafluoroborate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1988 , 44, 1582-1585		8
42	Synthesis, structural characterization, and properties of the organothorium alkylthiolate complex [(CH ₃) ₅ CS ₅] ₂ Th(SCH ₂ CH ₂ CH ₃) ₂ . <i>Inorganica Chimica Acta</i> , 1988 , 141, 145-149	2.7	23
41	Pyrazole derivatives of diborane(4). <i>Journal of the American Chemical Society</i> , 1988 , 110, 817-822	16.4	51
40	Alkylation reactions of the CCO ligand in triruthenium carbonyl clusters. Synthesis and x-ray crystal structure of Ru ₃ (CO) ₉ (μ ₃ -CO)[μ ₃ -C:C(OCH ₃)CH ₃]. <i>Journal of the American Chemical Society</i> , 1987 , 109, 6015-6022	16.4	27
39	Intramolecular thermolytic carbon-hydrogen activation processes. Solid-state structural characterization of a mononuclear η ⁶ -Me ₄ C ₅ H ₂ zirconium complex and a mechanistic study of its formation from (Me ₅ C ₅) ₂ Zr(C ₆ H ₅) ₂ . <i>Organometallics</i> , 1987 , 6, 232-241	3.8	107
38	Synthesis and chemistry of [Os ₃ (CO) ₉ (μ ₃ -CCO)] ₂ ⁻ . Metal ensemble effects on the reactions of the CCO ligand. <i>Journal of the American Chemical Society</i> , 1987 , 109, 6023-6029	16.4	24
37	Intermolecular interactions in the structure of methyl 4-iodobenzoate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1987 , 43, 1784-1786		1
36	Structure and thermal motion of triphenylboroxin. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1987 , 43, 1775-1779		26
35	Aqueous coordination chemistry of vanadocene dichloride with nucleotides and phosphoesters. Mechanistic implications for a new class of antitumor agents. <i>Journal of the American Chemical Society</i> , 1986 , 108, 7263-7274	16.4	92
34	Structure of a milbemycin B intermediate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986 , 42, 381-383		
33	Relationships between molecular geometry, crystal packing, and thermal motion: temperature-dependent studies of three crystal forms of 4-hydroxybiphenyl. <i>The Journal of Physical Chemistry</i> , 1986 , 90, 5631-5640		20
32	Complexes of the platinum metals. Part 31. Reactions of binuclear ruthenium(II,III) and rhodium(II) carboxylates with chelating diphosphines; X-ray crystal structure of (acetato-O,O')bis[bis(diphenylphosphino)methane-P,P']ruthenium(II) tetraphenylborate. <i>Journal of the American Chemical Society</i> , 1986 , 108, 1771-1779		29

- 31 Synthesis and characterization of [Co₄(CO)₁₁C(O)Me]-. The x-ray crystal structure of tetraphenylphosphonium tris(μ-carbonyl)octacarbonylacetyl-tetrahydro-tetracobaltate(1-). *Organometallics*, **1986**, 5, 755-760 3.8 9
- 30 Structures of three pyrazaboles: 1,3,5,7-tetramethylpyrazabole, C₁₀H₁₈B₂N₄; 4,4-bis(1-pyrazolyl)pyrazabole, C₁₂H₁₄B₂N₈; and 4,4,8,8-tetrakis(1-pyrazolyl)pyrazabole, C₁₈H₁₈B₂N₁₂. *Acta Crystallographica Section C: Crystal Structure Communications*, **1985**, 41, 1458-1463 4
- 29 cis,cis,cis,cis-1,2,3,4,5-Pentakis(hydroxymethyl)cyclopentane. *Journal of Organic Chemistry*, **1985**, 50, 548-548 4.2 6
- 28 Metal-metal bonds involving actinides. Synthesis and characterization of a complex having an unsupported actinide to transition metal bond. *Journal of the American Chemical Society*, **1985**, 107, 8270-8272⁷⁶ 16.4
- 27 Internal molecular motion of triphenylphosphine oxide: analysis of atomic displacement parameters for orthorhombic and monoclinic crystal modifications at 100 and 150 K. *Journal of the American Chemical Society*, **1985**, 107, 6964-6970 16.4 89
- 26 Reaction of 5,6-benzobicyclo[2.2.1]hepta-2,5-diene with thallium(III) nitrate. *Journal of Organic Chemistry*, **1985**, 50, 5372-5374 4.2 3
- 25 Application of pentacarbonylchromium carbenes in β-lactam synthesis: preparation and x-ray crystallographic study of (1-methyl-4-phenyl-3E-(phenylmethylene)azetidinyldene)pentacarbonylchromium. *Organometallics* **1985**, 4, 1902-1905 3.8 26
- 24 Systematics of the formation of π-carbonyl ligands in four-iron clusters. Synthesis and structures of [K(18-crown-6)][Fe₄(AuPEt₃)(CO)₁₃].CH₂Cl₂, Fe₄(AuPEt₃)(CO)₁₂(COCH₃), [PPN][Fe₄(CuPPh₃)(CO)₁₃], and [PPN][Fe₄(HgCH₃)(CO)₁₃]. *Journal of the American Chemical Society*, **1985**, 107, 8121-8124 16.4 54
- 23 Two crystal modifications of 4-hydroxybiphenyl: the biphenyl structure without an inversion center and a fully ordered structure containing nearly planar molecules. *The Journal of Physical Chemistry*, **1984**, 88, 3570-3574 41
- 22 Redetermination of the structure of the 3:1 complex of 4,4R-dinitrobiphenyl with 4-hydroxybiphenyl, 3C₁₂H₈N₂O₄.C₁₂H₁₀O: crystal packing, molecular geometry and thermal motion. *Acta Crystallographica Section C: Crystal Structure Communications*, **1984**, 40, 1387-1390 5
- 21 Structure of 4-biphenylcarboxylic acid, C₁₃H₁₀O₂: comparison of the TLS tensors derived from independent-atom and rigid-group refinements. *Acta Crystallographica Section B: Structural Science*, **1984**, 40, 493-498 4
- 20 Effect of crystal packing on linkage isomerism in the [Pd(1,1,7,7-tetraethyldiethylenetriamine)(thiocyanato)]⁺ cation: structures of the hexafluorophosphate salt and of four crystal forms of the tetraphenylborate salt. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1984**, 40, 525-536 12
- 19 A stable bromine(+) ion complex. A twisted bicyclo[2.2.2]octane derivative. Synthesis and structure of bis(quinuclidine)bromine(I) tetrafluoroborate. *Journal of the American Chemical Society*, **1983**, 105, 3649-3653 16.4 20
- 18 Temperature dependence of thermal motion in crystalline naphthalene. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1982**, 38, 2218-2228 246
- 17 4-Bromobiphenyl; an ordered crystal with a structure similar to that of biphenyl. *Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry*, **1980**, 36, 968-971 13
- 16 Common misconceptions about crystal lattices and crystal symmetry. *Journal of Chemical Education*, **1980**, 57, 552 2.4 6
- 15 Influence of crystal packing on the η¹-η³ rearrangement of an allyl ligand. Solution and solid-state structures of the tetraphenylborate and hexafluorophosphate salts of a platinum allyl cation. *Journal of the American Chemical Society*, **1980**, 102, 1319-1326 16.4 16
- 14 Crystal structure and solution dynamics of the cyclopropylplatinum(II) complex (2,3-bis(methoxycarbonyl)-1-methylcyclopropyl)bis(triphenylphosphine)platinum(II) tetrafluoroborate. *Inorganic Chemistry*, **1980**, 19, 2315-2320 5.1 6

13	Semi-Empirical Lattice Energy Calculations of Crystalline Biphenyl. <i>Molecular Crystals and Liquid Crystals</i> , 1979 , 52, 157-162		2
12	A statistical comparison of two determinations of the crystal structure of 2,3,4,5,6-pentafluorobiphenyl, a molecule forming mixed stacks in the solid state. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1978 , 34, 3691-3696		22
11	4,4RDichlorobiphenyl: crystal packing in para-substituted biphenyls. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1978 , 34, 981-985		34
10	The role of Coulombic interactions in explaining the anomalous structure of pentaphenylantimony. <i>The Acta Crystallographica Section A, Crystal Physics, Diffractionoretical and General Crystallography</i> , 1977 , 33, 193-197		9
9	Lattice energy calculations for (C ₆ H ₅) ₅ M0.5C ₆ H ₁₂ , M= P, As and Sb: towards an understanding of crystal packing in the pentaphenyl group V compounds. <i>The Acta Crystallographica Section A, Crystal Physics, Diffractionoretical and General Crystallography</i> , 1977 , 33, 898-902		4
8	The role of crystal packing forces in the structure of pentaphenylantimony. <i>The Acta Crystallographica Section A, Crystal Physics, Diffractionoretical and General Crystallography</i> , 1976 , 32, 38-42		5
7	The crystal structure of pentaphenylarsenic: implications for the role of crystal packing forces in the structures of penta-aryl Group V molecules. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1976 , 32, 2089-2094		12
6	Conformational analysis of the triphenylphosphine molecule in the free and solid states. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1973 , 29, 2426-2433		22
5	Bent vs. linear nitrosyl paradox. Infrared and x-ray photoelectron spectra of dichloronitrosylbis(L)cobalt(II) and crystal structure with L = diphenylmethylphosphine. <i>Inorganic Chemistry</i> , 1973 , 12, 1304-1313	5.1	54
4	Crystal and molecular structure of nitrosylcarbonylbis(triphenylphosphine)iridium, Ir(NO)(CO)(P(C ₆ H ₅) ₃) ₂ . <i>Inorganic Chemistry</i> , 1972 , 11, 2812-2817	5.1	15
3	Redetermination of the structure of nitrosylpenta-amminecobalt(III) dichloride. <i>The Journal of the Chemical Society A, Inorganic, Physicaloretical</i> , 1971 , 2146		77
2	A model system for the study of equilibrium hydrophobic bond formation. <i>Journal of the American Chemical Society</i> , 1968 , 90, 6199-6207	16.4	18
1	Acceleration of p-nitrophenyl ester cleavage due to apolar bonding. A model for biologically significant apolar interactions. <i>Journal of the American Chemical Society</i> , 1967 , 89, 6366-8	16.4	15