

# George M Sheldrick

## List of PR Articles by Year in descending order

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#	ARTICLE	IF	PR CITATIONS
1	Cln5 represents a new type of cysteine-based <i>S</i> -depalmitoylase linked to neurodegeneration. <i>Science Advances</i> , 2022, 8, .	11.0	25
2	<i>PDB2INS</i> : bridging the gap between small-molecule and macromolecular refinement. <i>Journal of Applied Crystallography</i> , 2019, 52, 669-673.	2.6	16
3	Non-merohedral twinning: from minerals to proteins. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 1040-1050.	3.2	56
4	<i>CCP4</i> 2: the new graphical user interface to the <i>CCP4</i> program suite. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 68-84.	3.2	553
5	An introduction to experimental phasing of macromolecules illustrated by <i>SHELX</i> ; new autotracing features. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 106-116.	3.2	191
6	Comparison of silver and molybdenum microfocus X-ray sources for single-crystal structure determination. <i>Journal of Applied Crystallography</i> , 2015, 48, 3-10.	2.6	4,549
7	<i>SHELXT</i> – Integrated space-group and crystal-structure determination. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, 3-8.	0.1	26,845
8	Combining phase information in reciprocal space for molecular replacement with partial models. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 1931-1945.	3.1	12
9	Molecular architecture with carbohydrate functionalized $\beta^2$ -peptides adopting 3 <sub>14</sub> -helical conformation. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 948-955.	2.0	4
10	Triostin – A Derived Cyclopeptide as Architectural Template for the Alignment of Four Recognition Units. <i>ChemistryOpen</i> , 2014, 3, 152-160.	2.6	2
11	Structure solution of DNA-binding proteins and complexes with <i>ARCIMBOLDO</i> libraries. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1743-1757.	3.1	19
12	A Catalyst with Two Coordinate Nickel: Theoretical and Catalytic Studies. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 818-823.	1.8	66
13	Structure of sulfamidase provides insight into the molecular pathology of mucopolysaccharidosis IIIA. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1321-1335.	3.1	35
14	Refinement of macromolecular structures against neutron data with <i>SHELXL2013</i> . <i>Journal of Applied Crystallography</i> , 2014, 47, 462-466.	2.6	181
15	Structure of the Parallel Duplex of Poly(A) RNA: Evaluation of a 50-Year-Old Prediction. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10370-10373.	14.4	49
16	Exploiting tertiary structure through local folds for crystallographic phasing. <i>Nature Methods</i> , 2013, 10, 1099-1101.	25.9	69
17	Extending molecular-replacement solutions with <i>SHELXE</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2251-2256.	3.1	87
18	Structure and activity of the only human RNase T2. <i>Nucleic Acids Research</i> , 2012, 40, 8733-8742.	15.7	50

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19	Unexpected tautomeric equilibria of the carbanion-enamine intermediate in pyruvate oxidase highlight unrecognized chemical versatility of thiamin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10867-10872.	7.6	41
20	Continuous $\hat{I}^2$ -turn fold of an alternating alanyl/homoalanyl peptide nucleic acid. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 1067-1070.	3.1	4
21	Enhanced rigid-bond restraints. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2012, 68, 448-451.	0.2	221
22	Practical structure solution with <i>ARCIMBOLDO</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 336-343.	3.1	55
23	<i>ANODE</i> : anomalous and heavy-atom density calculation. <i>Journal of Applied Crystallography</i> , 2011, 44, 1285-1287.	2.6	171
24	<i>ShelXle</i> : a Qt graphical user interface for <i>SHELXL</i> . <i>Journal of Applied Crystallography</i> , 2011, 44, 1281-1284.	2.6	3,576
25	Structure of a highly NADP <sup>+</sup> -specific isocitrate dehydrogenase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 856-869.	3.1	10
26	The Crystal Structure of Non-Modified and Bipyridine-Modified PNA Duplexes. <i>Chemistry - A European Journal</i> , 2010, 16, 11867-11875.	3.4	29
27	Labyrinthopeptins: A New Class of Carbacyclic Lantibiotics. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1151-1154.	14.4	209
28	Experimental phasing with <i>SHELXC</i> / <i>D</i> / <i>E</i> : combining chain tracing with density modification. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 479-485.	3.1	1,089
29	Structure analysis of endosialidase NF at 0.98 Å resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 176-180.	3.1	10
30	The magic triangle goes MAD: experimental phasing with a bromine derivative. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 374-380.	3.1	27
31	Antiarol Cinnamate and Africanoside, a Cinnamoyl Triterpene and a Hydroperoxy-cardenolide from the Stem Bark of <i>Antiaris africana</i> . <i>Planta Medica</i> , 2010, 76, 1717-1723.	0.5	12
32	Structure of Tripeptidyl-peptidase I Provides Insight into the Molecular Basis of Late Infantile Neuronal Ceroid Lipofuscinosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 3976-3984.	2.2	49
33	Oxidative <i>ortho</i> C <sub>1</sub> C Coupling of 4-Ethylphenol by Dual Substrate Activation at a Bioinspired Dicationic Copper Complex: Trapping of an Unusual Oligophenolic Cu <sub>6</sub> Species. <i>Chemistry - A European Journal</i> , 2009, 15, 4994-4997.	3.4	24
34	The Thermodynamic Influence of Trapped Water Molecules on a Protein-Ligand Interaction. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5207-5210.	14.4	40
35	A comparison of a microfocus X-ray source and a conventional sealed tube for crystal structure determination. <i>Journal of Applied Crystallography</i> , 2009, 42, 885-891.	2.6	199
36	Crystallographic ab initio protein structure solution below atomic resolution. <i>Nature Methods</i> , 2009, 6, 651-653.	25.9	178

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37	Experimental Charge Density Studies of Disordered <i>N</i> -Phenylpyrrole and <i>N</i> -(4-Fluorophenyl)pyrrole. <i>Journal of Physical Chemistry A</i> , 2009, 113, 9684-9691.	2.5	26
38	A short history of <i>SHELX</i> . <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2008, 64, 112-122.	0.2	86,163
39	Structures of viscotoxins A1 and B2 from European mistletoe solved using native data alone. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008, 64, 985-992.	3.1	27
40	A magic triangle for experimental phasing of macromolecules. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008, 64, 1179-1182.	3.1	65
41	Structural Analysis of the PP2C Phosphatase tPphA from <i>Thermosynechococcus elongatus</i> : A Flexible Flap Subdomain Controls Access to the Catalytic Site. <i>Journal of Molecular Biology</i> , 2008, 376, 570-581.	4.2	67
42	A Ligand-Induced Switch in the Periplasmic Domain of Sensor Histidine Kinase CitA. <i>Journal of Molecular Biology</i> , 2008, 377, 512-523.	4.2	126
43	5-Amino-2,4,6-triiodoisophthalic acid monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1286-o1286.	0.2	19
44	Crystal structure of trioxacarcin A covalently bound to DNA. <i>Nucleic Acids Research</i> , 2008, 36, 3508-3514.	15.7	32
45	The C2A-C2B Linker Defines the High Affinity Ca <sup>2+</sup> Binding Mode of Rabphilin-3A. <i>Journal of Biological Chemistry</i> , 2007, 282, 5015-5025.	2.2	17
46	The Solution and Crystal Structures of a Module Pair from the <i>Staphylococcus aureus</i> -Binding Site of Human Fibronectin—A Tale with a Twist. <i>Journal of Molecular Biology</i> , 2007, 368, 833-844.	4.2	34
47	A parallel program using <i>SHELXD</i> for quick heavy-atom partial structural solution on high-performance computers. <i>Journal of Applied Crystallography</i> , 2007, 40, 387-390.	2.6	3
48	The atomic resolution structure of human aldose reductase reveals that rearrangement of a bound ligand allows the opening of the safety-belt loop. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2007, 63, 665-672.	3.1	13
49	Structure determination of the <i>O</i> -methyltransferase NovP using the 'free lunch algorithm' as implemented in <i>SHELXE</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2007, 63, 1069-1074.	3.1	41
50	Serendipitous SAD phasing of an echinomycin“(ACGTACGT) <sub>2</sub> bisintercalation complex. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006, 62, 417-424.	3.1	16
51	Structural elucidation of the PDI-related chaperone Wind with the help of mutants. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006, 62, 589-594.	3.1	3
52	Structure of the C2A domain of rabphilin-3A. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006, 62, 793-799.	3.1	8
53	The Antiviral Antibiotic Feglymycin: First Direct-Methods Solution of a 1000+ Equal-Atom Structure. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1340-1342.	14.4	41
54	Crystal and solution structures of 7-amino-actinomycin D complexes with d(TTAGBrUT), d(TTAGTT) and d(TTAGTTT). <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 407-415.	3.1	11

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55	Structures of complexes between echinomycin and duplex DNA. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 442-448.	3.1	42
56	Structure of the lipopeptide antibiotic tsushimycin. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 1160-1164.	3.1	44
57	Improving radiation-damage substructures for RIP. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 1227-1237.	3.1	85
58	Structure of Ecballium elaterium trypsin inhibitor II (EETI-II): a rigid molecular scaffold. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 1255-1262.	3.1	38
59	Sesquiterpene Lactones from <i>Elephantopus scaber</i> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2005, 60, 200-204.	0.8	14
60	Mapping of a Substrate Binding Site in the Protein Disulfide Isomerase-related Chaperone Wind Based on Protein Function and Crystal Structure. <i>Journal of Biological Chemistry</i> , 2004, 279, 39829-39837.	2.2	22
61	Solution and structure of an alternating D,L-peptide. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 1971-1980.	3.1	11
62	Inclusion complexes of V-amylose with undecanoic acid and dodecanol at atomic resolution: X-ray structures with cycloamylose containing 26 d-glucoses (cyclohexaicosaoose) as host. <i>Carbohydrate Research</i> , 2004, 339, 1427-1437.	2.2	97
63	Is the bond-valence method able to identify metal atoms in protein structures?. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 32-37.	3.1	78
64	Locating the anomalous scatterer substructures in halide and sulfur phasing. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 57-66.	3.1	38
65	In-house phase determination of the lima bean trypsin inhibitor: a low-resolution sulfur-SAD case. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 393-395.	3.1	32
66	Structure of dimeric cytochrome c <sub>3</sub> from <i>Desulfovibrio gigas</i> at 1.2 Å resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 644-653.	3.1	25
67	In-house measurement of the sulfur anomalous signal and its use for phasing. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 688-696.	3.1	47
68	Structure of viscotoxin A3: disulfide location from weak SAD data. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 2125-2132.	3.1	27
69	Crystal Structure and Functional Analysis of <i>Drosophila</i> Wind, a Protein-disulfide Isomerase-related Protein. <i>Journal of Biological Chemistry</i> , 2003, 278, 44600-44607.	2.2	36
70	The Molecular Structure and Crystal Organization Of Rac -terfenadine/β <sup>2</sup> -cyclodextrin/tartaric Acid Multicomponent Inclusion Complex. <i>Supramolecular Chemistry</i> , 2002, 14, 67-74.	0.5	9
71	Structures of Glycopeptide Antibiotics with Peptides that Model Bacterial Cell-Wall Precursors. <i>Journal of Molecular Biology</i> , 2002, 318, 723-732.	4.2	31
72	Syntheses and Crystal Structures of the New Ag <sup>+</sup> S Clusters [Ag <sub>70</sub> S <sub>16</sub> (SPh) <sub>34</sub> (PhCO <sub>2</sub> ) <sub>4</sub> (triphos) <sub>4</sub> ] and [Ag <sub>188</sub> S <sub>94</sub> (PR <sub>3</sub> ) <sub>30</sub> ]. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3818-3822.	14.4	95

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73	Refinement of obverse/reverse twins. <i>Acta Crystallographica Section B: Structural Science</i> , 2002, 58, 477-481.	0.3	51
74	Substructure solution with SHELXD. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 1772-1779.	3.1	1,518
75	Atomic resolution structure of squash trypsin inhibitor: unexpected metal coordination. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 1448-1461.	3.1	17
76	Effect of Peracylation of $\beta$ -Cyclodextrin on the Molecular Structure and on the Formation of Inclusion Complexes: An X-ray Study. <i>Journal of the American Chemical Society</i> , 2001, 123, 11854-11862.	15.0	56
77	Crystal structure of low-potential cytochrome c 549 from <i>Synechocystis</i> sp. PCC 6803 at 1.21 Å resolution. <i>Journal of Biological Inorganic Chemistry</i> , 2001, 6, 324-332.	2.5	41
78	X-ray structure of $\beta$ -cyclodextrin-2,7-dihydroxy-naphthalene-4.6 H <sub>2</sub> O: an unusually distorted macrocycle. <i>Carbohydrate Research</i> , 2001, 333, 251-256.	2.2	16
79	Ab initio structure determination of the lantibiotic mersacidin. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000, 56, 705-713.	3.1	28
80	High-resolution structure of bovine pancreatic trypsin inhibitor with altered binding loop sequence. <i>Journal of Molecular Biology</i> , 2000, 295, 1237-1249.	4.2	41
81	Absolute configurations of Emycin D, E and F; mimicry of centrosymmetric space groups by mixtures of chiral stereoisomers. <i>Acta Crystallographica Section B: Structural Science</i> , 1999, 55, 607-616.	0.3	21
82	1.7 Å structure of the stabilized REIv mutant T39K. Application of local NCS restraints. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999, 55, 1158-1167.	3.1	33
83	Ab initio solution and refinement of two high-potential iron protein structures at atomic resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999, 55, 1773-1784.	3.1	40
84	Ab initio structure solution of a dimeric cytochrome c <sub>53</sub> from <i>Desulfovibrio gigas</i> containing disulfide bridges. <i>Journal of Biological Inorganic Chemistry</i> , 1999, 4, 162-165.	2.5	40
85	Crystal structure determination at 1.4 Å resolution of ferredoxin from the green alga <i>Chlorella fusca</i> . <i>Structure</i> , 1999, 7, 1201-S2.	3.8	65
86	The 1.2 Å crystal structure of hirustasin reveals the intrinsic flexibility of a family of highly disulphide-bridged inhibitors. <i>Structure</i> , 1999, 7, 55-63.	3.8	192
87	Variation of a Theme: Crystal Structure with Four Octakis(2,3,6-tri-O-methyl)- $\beta$ -cyclodextrin Molecules Hydrated Differently by a Total of 19.3 Water. <i>Journal of the American Chemical Society</i> , 1999, 121, 3321-3327.	15.0	20
88	Can anomalous signal of sulfur become a tool for solving protein crystal structures? 1 Edited by I. A. Wilson. <i>Journal of Molecular Biology</i> , 1999, 289, 83-92.	4.2	220
89	Crystal Structures of Actinomycin D and Actinomycin Z3. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2381-2384.	14.4	28
90	Structure of Balhimycin and its Complex with Solvent Molecules. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1998, 54, 175-183.	3.1	19

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91	Novel Organic-Soluble Molecular Titanophosphonates with Cage Structures Comparable to Titanium-Containing Silicates. <i>Organometallics</i> , 1998, 17, 2865-2868.	2.9	48
92	Synthesis, Structure and Hydrolysis Studies of Dimethyltris(trimethylsilyl)methylmetallanes of Aluminium and Gallium. <i>Chemistry - A European Journal</i> , 1997, 3, 1783-1792.	3.4	73
93	Crystal structure of vancomycin. <i>Structure</i> , 1996, 4, 1509-1515.	3.8	191
94	Crystal Structure and Packing of Isocyclosporin A. <i>Helvetica Chimica Acta</i> , 1996, 79, 1635-1642.	1.8	10
95	The Molecular and Crystal Structure of the Glycopeptide A-40926 Aglycone. <i>Helvetica Chimica Acta</i> , 1996, 79, 1916-1924.	1.8	22
96	Crystal and molecular structure of didemnin A, an antiviral depsipeptide. <i>International Journal of Peptide and Protein Research</i> , 1996, 47, 20-27.	0.1	8
97	Crystal Structures of Two Modifications of [3, O-didehydro-mebmt1, val2]-cyclosporin and comparison of three different X-ray data sets. <i>Helvetica Chimica Acta</i> , 1995, 78, 355-366.	1.8	10
98	Neuartige Koordination eines cyclopentadienylrings im heterotrimetallischen organoyttrium-komplex Li[Cp2Y(FcN)2] (FcN = 2-dimethylaminomethylferrocenyl). <i>Journal of Organometallic Chemistry</i> , 1995, 487, C18-C20.	2.1	13
99	The Bicyclic Structure of a Novel TMEDA-Solvated Lithium Chloride Tetramer [(LiCl)4.cntdot.3.5TMEDA]2: X-ray Structural Analysis and MO Investigations. <i>Inorganic Chemistry</i> , 1995, 34, 262-269.	4.6	44
100	Dilithium- $\eta^2$ -N,N'-bis(trimethylsilyl)hydrazid und ein Hydrolyseprodukt side-on und end-on an $N_2O_2$ -gebundene Li-Kationen. <i>Chemische Berichte</i> , 1994, 127, 845-847.	0.0	38
101	Synthesis and Structure of the First Dimeric Iminoalane Containing an Al2N2 Heterocycle. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 969-970.	4.7	93
102	Modellreaktionen zur Verankerung von Molybdän- und Vanadium-Oxiden auf Silicium-Sauerstoff-Oberflächen. <i>Chemische Berichte</i> , 1993, 126, 279-283.	0.0	36
103	Neue Beiträge zur Chemie des Mangans: Synthese und Strukturen zweier monomerer Mn-Verbindungen und eines hexanuklearen Mn-Komplexes. <i>Chemische Berichte</i> , 1993, 126, 921-926.	0.0	34
104	Reaktionen eines freien Stannaimins und von Basen-stabilisierten Stannylene. <i>Chemische Berichte</i> , 1993, 126, 2247-2253.	0.0	29
105	Chlorthiazine. <i>Chemische Berichte</i> , 1993, 126, 2601-2607.	0.0	16
106	A Simple Synthesis of [(Cp*Al)4] and Its Conversion to the Heterocubanes [(Cp*AlSe)4] and [(Cp*AlTe)4] (Cp* = 1,5-C5(CH3)5). <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1729-1731.	4.7	198
107	Structural characterization of two modifications of tris(tetrahydrofuran)tris(trimethylsilyl)silyl)lithium: a compound with a silicon-29-lithium-7 NMR coupling. <i>Inorganic Chemistry</i> , 1993, 32, 2694-2698.	4.6	122
108	Di-TERT-BUTYLMETHYL-SILANOL, -SILANOLATE UND -SILOXANE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993, 78, 75-81.	1.8	9

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109	Main-group chemistry of the 2,4,6-tris(trifluoromethyl)phenyl substituent: x-ray crystal structures of [2,4,6-(CF <sub>3</sub> ) <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ] <sub>2</sub> Zn, [2,4,6-(CF <sub>3</sub> ) <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ] <sub>2</sub> Cd(MeCN) and [2,4,6-(CF <sub>3</sub> ) <sub>3</sub> C <sub>6</sub> H <sub>3</sub> ] <sub>2</sub> Hg. <i>Organometallics</i> , 1992, 11, 112.9-112.10.		66
110	[3 + 1] Cycloaddition: reaction of dichlorogermylene with hexafluoro-2-propanethione 1-adamantylimide. <i>Organometallics</i> , 1992, 11, 15-16.	2.9	13
111	Synthese und Struktur von SeSb <sub>2</sub> Cl <sub>2</sub> (NCMe <sub>3</sub> ) <sub>4</sub> " eines nur von Stickstoffatomen umgebenen Selenimids <sup>[1]</sup> . <i>Chemische Berichte</i> , 1992, 125, 767-769.	0.0	23
112	Polycyclische Verbindungen aus 2,5-Norbornadien, Isopropylbenzol und Dehalogenierungsprodukten von Dihalogeno(diorganylamino)boranen. Reaktion von Bis(diisopropylamino)phenylboran mit Na/K-Legierung und Difluor(diisopropylamino)boran. <i>Chemische Berichte</i> , 1992, 125, 1559-1564.	0.0	7
113	Enthalogenierung von Aminodihalogenboranen durch Na/K-Legierung in Gegenwart von Naphthalin, Bis(trimethylsilyl)butadiin und 2,5-Dimethyl-2,4-hexadien. <i>Chemische Berichte</i> , 1992, 125, 1807-1813.	0.0	14
114	A tricyclic ring system of six carbon and five boron atoms from monoalkylbenzene and five formal borone units. <i>Organometallics</i> , 1991, 10, 2097-2098.	2.9	9
115	Sterically crowded aryl bismuth compounds: synthesis and characterization of bis{2,4,6-tris(trifluoromethyl)phenyl} bismuth chloride and tris{2,4,6-tris(trifluoromethyl)phenyl} bismuth. <i>Journal of Organometallic Chemistry</i> , 1991, 402, 55-66.	2.1	72
116	CF bond activation in the reaction of BiCl <sub>3</sub> with sodium 2,4,6-tris(trifluoromethyl)phenoxide. <i>Journal of Organometallic Chemistry</i> , 1991, 402, C4-C7.	2.1	14
117	The preparation and crystal structures of sodium and potassium pentamethylcyclopentadienyl pyridine solvates. <i>Journal of Organometallic Chemistry</i> , 1991, 403, 11-19.	2.1	92
118	Synthesis and Structure of the First Tellurium(III) Radical Cation. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1677-1678.	4.7	36
119	(Perfluoralkyl)(dimethylamino)sulfoniumhexafluoroarsenate. <i>Chemische Berichte</i> , 1991, 124, 31-38.	0.0	13
120	Synthese und Eigenschaften von 1,2,4,3-thiadiazaboretidinen. Kristallstruktur des 2,4-Di-tert-butyl-3-phenyl-1,2,4,3-thiadiazaboretidins. <i>Chemische Berichte</i> , 1991, 124, 47-50.	0.0	15
121	Synthese und Struktur von Ph <sub>3</sub> Pf <sub>3/4</sub> NRe(NC <sub>6</sub> H <sub>5</sub> ) <sub>3</sub> Pr <sub>2</sub> ; (2,6)Ph <sub>3</sub> Aza-Rhenium(VII)-Verbindung. <i>Chemische Berichte</i> , 1991, 124, 757-759.	0.0	10
122	Darstellung und Struktur von Thallium(I)-2,4,6-tris(trifluormethyl)thiophenolat, einer Verbindung mit faltblattartigem polymerem Aufbau. <i>Chemische Berichte</i> , 1991, 124, 1127-1129.	0.0	19
123	Zweifache Borylierung von Benzolderivaten mit (Diisoalkylamino)boradieneinheiten. <i>Chemische Berichte</i> , 1991, 124, 1907-1912.	0.0	11
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229	S <sub>6</sub> N <sub>5</sub> O <sub>4</sub> , A Compound with Separately Stacked Cyclic Radical Cations S <sub>3</sub> N <sub>2</sub> <sup>+</sup> and Cyclic Anions S <sub>3</sub> N <sub>3</sub> O <sub>4</sub> <sup>-</sup> . <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 538-539.	4.7	8
230	Diels-alder reactions of malondialdehyde derivatives with reversed electron demand; an easy approach to structurally unique carbohydrates and compounds of the thromboxane type. <i>Tetrahedron Letters</i> , 1982, 23, 1147-1150.	1.4	38
231	[Mo <sub>2</sub> S <sub>10</sub> ] <sup>2-</sup> , a complex with terminal sulfido, bridging sulfido, persulfido, and tetrasulfido groups. <i>Inorganic Chemistry</i> , 1981, 20, 1562-1566.	4.6	44
232	<i>Berichte</i> , 1981, 114, 1413-1417.	0.0	16
233	ortho-Palladated Dibenzyl Sulfides and Sulfoxides from Palladium Carboxylates. <i>Angewandte Chemie International Edition in English</i> , 1981, 20, 382-383.	4.7	15
234	A 2,3,9,10-Tetraaza-1,6,8,12-tetrasila-dispiro[4.1.4.1]dodeca-3,10-diene via Dimerization of a Heterocycle with Exocyclic C=C Double-Bond. <i>Angewandte Chemie International Edition in English</i> , 1981, 20, 383-384.	4.7	6

#	ARTICLE	IF	PR CITATIONS
235	Synthesis and Crystal Structure of a Dimeric 1,2-Diaza-3-sila-3,5-cyclopentadiene. <i>Angewandte Chemie International Edition in English</i> , 1981, 20, 384-385.	4.7	7
236	On the Structure of the Helical N-Terminus in Alamethicin— $\alpha$ -Helix or 310-Helix?. <i>Angewandte Chemie International Edition in English</i> , 1981, 20, 889-890.	4.7	50
237	Synthesis and Structure of a Non-Polymeric Molecule Containing Eleven Alternating Sulfur- and Nitrogen-Atoms. <i>Angewandte Chemie International Edition in English</i> , 1981, 20, 974-975.	4.7	9
238	(Ph <sub>4</sub> P) <sub>2</sub> [CuCN(MoS <sub>4</sub> )] and (Me <sub>4</sub> N) <sub>2</sub> (CuCN) <sub>2</sub> MoS <sub>4</sub> : Thiomolybdate Ligands on the Cu Atoms of a CuCN Molecule and azigzag-CuCN Chain. <i>Angewandte Chemie International Edition in English</i> , 1981, 20, 1060-1061.	4.7	55
239	Stereocontrolled Intramolecular Diels-Alder Reaction of Heterodienes; Studies on the Synthesis of Cannabinoids. <i>Angewandte Chemie International Edition in English</i> , 1980, 19, 134-135.	4.7	55
240	(8 $\alpha$ +5) Contraction of the Eight-Membered Ring of S <sub>4</sub> N <sub>4</sub> O <sub>2</sub> . <i>Angewandte Chemie International Edition in English</i> , 1980, 19, 943-944.	4.7	2
241	Crystal and molecular structure of [N(CH <sub>3</sub> ) <sub>4</sub> ] <sub>2</sub> [Mo <sub>2</sub> O <sub>2</sub> S <sub>2</sub> (S <sub>2</sub> ) <sub>2</sub> ]: a compound with two S <sub>2</sub> <sup>2-</sup> ligands. <i>Inorganic Chemistry</i> , 1980, 19, 2066-2069.	4.6	52
242	The reduction of triosmium dodecacarbonyl by sodium borohydride. The preparation and X-ray structure of the cluster anion [H <sub>2</sub> O <sub>s</sub> (CO) <sub>12</sub> ] <sub>2</sub> <sup>2-</sup> . <i>Journal of Organometallic Chemistry</i> , 1978, 162, 179-187.	2.1	40
243	The stereochemistry of (5 $\alpha$ -acylcyclohexa-1,3-diene)tricarbonyliron derivatives and the crystal structure of (5 $\alpha$ -cyano-cyclohexa-1,3-diene)tricarbonyliron. <i>Journal of Organometallic Chemistry</i> , 1978, 150, 115-122.	2.1	23
244	Isocyanide substitution in octadecacarbonyl hexaosmium. <i>Journal of Organometallic Chemistry</i> , 1978, 149, C43-C46.	2.1	25
245	Structure of vancomycin and its complex with acetyl-D-alanyl-D-alanine. <i>Nature</i> , 1978, 271, 223-225.	38.7	299
246	Tricarbonyl[8-acetyl 2-4:6-7- $\beta$ -bicyclo[3.2.1]octadienyl]iron, a novel rearrangement in the acylation of $\beta$ -C <sub>8</sub> H <sub>8</sub> Fe(CO) <sub>3</sub> . <i>Journal of Organometallic Chemistry</i> , 1977, 128, C31-C34.	2.1	19