

George M Sheldrick

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.

257
papers

124,294
citations

49
h-index

257
g-index

257
ext. papers

137,468
ext. citations

6.5
avg, IF

9.99
L-index

#	Paper	IF	Citations
257	Cln5 represents a new type of cysteine-based -depalmitoylase linked to neurodegeneration.. <i>Science Advances</i> , 2022 , 8, eabj8633	14.3	0
256	: bridging the gap between small-molecule and macromolecular refinement. <i>Journal of Applied Crystallography</i> , 2019 , 52, 669-673	3.8	3
255	Non-merohedral twinning: from minerals to proteins. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019 , 75, 1040-1050	5.5	13
254	CCP4i2: the new graphical user interface to the CCP4 program suite. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018 , 74, 68-84	5.5	190
253	An introduction to experimental phasing of macromolecules illustrated by SHELX; new autotracing features. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018 , 74, 106-116	5.5	82
252	Comparison of silver and molybdenum microfocus X-ray sources for single-crystal structure determination. <i>Journal of Applied Crystallography</i> , 2015 , 48, 3-10	3.8	1834
251	SHELXT - integrated space-group and crystal-structure determination. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015 , 71, 3-8	1.7	12033
250	Combining phase information in reciprocal space for molecular replacement with partial models. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015 , 71, 1931-45		10
249	Crystal structure refinement with SHELXL. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015 , 71, 3-8	0.8	21059
248	A Catalyst with Two-Coordinate Nickel: Theoretical and Catalytic Studies. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 818-823	2.3	47
247	Ion permeation in K ⁺ channels occurs by direct Coulomb knock-on. <i>Science</i> , 2014 , 346, 352-5	33.3	196
246	Validation of metal-binding sites in macromolecular structures with the CheckMyMetal web server. <i>Nature Protocols</i> , 2014 , 9, 156-70	18.8	200
245	Structure of sulfamidase provides insight into the molecular pathology of mucopolysaccharidosis IIIA. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014 , 70, 1321-35		26
244	Refinement of macromolecular structures against neutron data with. <i>Journal of Applied Crystallography</i> , 2014 , 47, 462-466	3.8	120
243	Molecular architecture with carbohydrate functionalized peptides adopting 314-helical conformation. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 948-55	2.5	3
242	Triostin a derived cyclopeptide as architectural template for the alignment of four recognition units. <i>ChemistryOpen</i> , 2014 , 3, 152-60	2.3	2
241	Structure solution of DNA-binding proteins and complexes with ARCIMBOLDO libraries. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014 , 70, 1743-57		15

240	Structure of the parallel duplex of poly(A) RNA: evaluation of a 50 year-old prediction. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10370-3	16.4	36
239	Exploiting tertiary structure through local folds for crystallographic phasing. <i>Nature Methods</i> , 2013 , 10, 1099-101	21.6	51
238	Extending molecular-replacement solutions with SHELXE. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013 , 69, 2251-6		66
237	Enhanced rigid-bond restraints. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2012 , 68, 448-451		123
236	Practical structure solution with ARCIMBOLDO. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012 , 68, 336-43		43
235	Continuous β -turn fold of an alternating alanyl/homoalanyl peptide nucleic acid. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012 , 68, 1067-70		4
234	Structure and activity of the only human RNase T2. <i>Nucleic Acids Research</i> , 2012 , 40, 8733-42	20.1	25
233	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, 10867-72	11.5	36
232	ANODE: anomalous and heavy-atom density calculation. <i>Journal of Applied Crystallography</i> , 2011 , 44, 1285-1287	3.8	117
231	ShelXle: a Qt graphical user interface for SHELXL. <i>Journal of Applied Crystallography</i> , 2011 , 44, 1281-1284	3.8	2080
230	Structure of a highly NADP ⁺ -specific isocitrate dehydrogenase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011 , 67, 856-69		8
229	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, 1717-23	3.1	9
228	The crystal structure of non-modified and bipyridine-modified PNA duplexes. <i>Chemistry - A European Journal</i> , 2010 , 16, 11867-75	4.8	25
227	Labyrinthopeptins: a new class of carbacyclic lantibiotics. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1151-4	16.4	148
226	Experimental phasing with SHELXC/D/E: combining chain tracing with density modification. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010 , 66, 479-85		927
225	Structure analysis of endosialidase NF at 0.98 Å resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010 , 66, 176-80		9
224	The magic triangle goes MAD: experimental phasing with a bromine derivative. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010 , 66, 374-80		23
223	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, 3976-84	5.4	34

222	Oxidative ortho C-C coupling of 4-ethylphenol by dual substrate activation at a bioinspired dicopper complex--trapping of an unusual oligophenolic Cu ₆ species. <i>Chemistry - A European Journal</i> , 2009 , 15, 4994-7	4.8	24
221	The thermodynamic influence of trapped water molecules on a protein-ligand interaction. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5207-10	16.4	33
220	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	3.8	164
219	Crystallographic ab initio protein structure solution below atomic resolution. <i>Nature Methods</i> , 2009 , 6, 651-3	21.6	130
218	Experimental charge density studies of disordered N-phenylpyrrole and N-(4-fluorophenyl)pyrrole. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 9684-91	2.8	21
217	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, 570-81	6.5	51
216	A ligand-induced switch in the periplasmic domain of sensor histidine kinase CitA. <i>Journal of Molecular Biology</i> , 2008 , 377, 512-23	6.5	99
215	5-Amino-2,4,6-triiodo-isophthalic acid monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o1286		16
214	Crystal structure of trioxacarcin A covalently bound to DNA. <i>Nucleic Acids Research</i> , 2008 , 36, 3508-14	20.1	22
213	A short history of SHELX. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2008 , 64, 112-22		74967
212	Structures of viscotoxins A1 and B2 from European mistletoe solved using native data alone. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008 , 64, 985-92		23
211	A magic triangle for experimental phasing of macromolecules. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008 , 64, 1179-82		52
210	A parallel program using SHELXD for quick heavy-atom partial structural solution on high-performance computers. <i>Journal of Applied Crystallography</i> , 2007 , 40, 387-390	3.8	2
209	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, 665-72		10
208	Structure determination of the O-methyltransferase NovP using the 'free lunch algorithm' as implemented in SHELXE. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2007 , 63, 1069-74		37
207	The C2A-C2B linker defines the high affinity Ca(2+) binding mode of rabphilin-3A. <i>Journal of Biological Chemistry</i> , 2007 , 282, 5015-5025	5.4	15
206	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, 833-44	6.5	32
205	Serendipitous SAD phasing of an echinomycin-(ACGTACGT) ₂ bisintercalation complex. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006 , 62, 417-24		14

204	Structural elucidation of the PDI-related chaperone Wind with the help of mutants. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006 , 62, 589-94		3
203	Structure of the C2A domain of rabphilin-3A. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006 , 62, 793-9		7
202	Sesquiterpene Lactones from <i>Elephantopus scaber</i> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2005 , 60, 200-204	1	8
201	The antiviral antibiotic feglymycin: first direct-methods solution of a 1000+ equal-atom structure. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1340-2	16.4	35
200	Crystal and solution structures of 7-amino-actinomycin D complexes with d(TTAGBrUT), d(TTAGTT) and d(TTTAGTTT). <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005 , 61, 407-15		5
199	Structures of complexes between echinomycin and duplex DNA. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005 , 61, 442-8		32
198	Structure of the lipopeptide antibiotic tsushimycin. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005 , 61, 1160-4		34
197	Improving radiation-damage substructures for RIP. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005 , 61, 1227-37		75
196	Structure of Ecballium elaterium trypsin inhibitor II (EETI-II): a rigid molecular scaffold. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005 , 61, 1255-62		33
195	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, 39829-37	5.4	20
194	Solution and structure of an alternating D,L-peptide. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004 , 60, 1971-80		9
193	Inclusion complexes of V-amylose with undecanoic acid and dodecanol at atomic resolution: X-ray structures with cycloamylose containing 26 D-glucoses (cyclohexacosaoose) as host. <i>Carbohydrate Research</i> , 2004 , 339, 1427-37	2.9	72
192	Crystal structure and functional analysis of <i>Drosophila</i> Wind, a protein-disulfide isomerase-related protein. <i>Journal of Biological Chemistry</i> , 2003 , 278, 44600-7	5.4	31
191	Automatic solution of heavy-atom substructures. <i>Methods in Enzymology</i> , 2003 , 374, 37-83	1.7	31
190	Is the bond-valence method able to identify metal atoms in protein structures?. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003 , 59, 32-7		63
189	Locating the anomalous scatterer substructures in halide and sulfur phasing. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003 , 59, 57-66		32
188	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, 393-5		30
187	Structure of dimeric cytochrome c3 from <i>Desulfovibrio gigas</i> at 1.2 Å resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003 , 59, 644-53		21

186	In-house measurement of the sulfur anomalous signal and its use for phasing. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003 , 59, 688-96		41
185	Structure of viscotoxin A3: disulfide location from weak SAD data. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003 , 59, 2125-32		21
184	Syntheses and crystal structures of the new Ag-S clusters [Ag70S16(SPh)34(PhCO2)4(triphos)4] and [Ag188S94(PR3)30]. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3818-22	16.4	76
183	Refinement of obverse/reverse twins. <i>Acta Crystallographica Section B: Structural Science</i> , 2002 , 58, 477-81		38
182	Substructure solution with SHELXD. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002 , 58, 1772-9		1408
181	Atomic resolution structure of squash trypsin inhibitor: unexpected metal coordination. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002 , 58, 1448-61		15
180	The Molecular Structure and Crystal Organization Of Rac -terfenadine/ β -cyclodextrin/tartaric Acid Multicomponent Inclusion Complex. <i>Supramolecular Chemistry</i> , 2002 , 14, 67-74	1.8	9
179	Structures of glycopeptide antibiotics with peptides that model bacterial cell-wall precursors. <i>Journal of Molecular Biology</i> , 2002 , 318, 723-32	6.5	26
178	Crystal structure of low-potential cytochrome c549 from <i>Synechocystis</i> sp. PCC 6803 at 1.21 Å resolution. <i>Journal of Biological Inorganic Chemistry</i> , 2001 , 6, 324-32	3.7	39
177	X-ray structure of beta-cyclodextrin-2,7-dihydroxy-naphthalene.4.6 H(2)O: an unusually distorted macrocycle. <i>Carbohydrate Research</i> , 2001 , 333, 251-6	2.9	15
176	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, 11854-62	16.4	51
175	Ab initio structure determination of the lantibiotic mersacidin. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000 , 56, 705-13		25
174	High-resolution structure of bovine pancreatic trypsin inhibitor with altered binding loop sequence. <i>Journal of Molecular Biology</i> , 2000 , 295, 1237-49	6.5	34
173	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		20
172	1.7 Å structure of the stabilized RElv mutant T39K. Application of local NCS restraints. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999 , 55, 1158-67		25
171	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, 1773-84		32
170	Ab initio structure solution of a dimeric cytochrome c3 from <i>Desulfovibrio gigas</i> containing disulfide bridges. <i>Journal of Biological Inorganic Chemistry</i> , 1999 , 4, 162-5	3.7	34
169	Crystal structure determination at 1.4 Å resolution of ferredoxin from the green alga <i>Chlorella fusca</i> . <i>Structure</i> , 1999 , 7, 1201-11	5.2	50

168	The 1.2 Å crystal structure of hirustasin reveals the intrinsic flexibility of a family of highly disulfide-bridged inhibitors. <i>Structure</i> , 1999 , 7, 55-63	5.2	160
167	Variation of a Theme: Crystal Structure with Four Octakis(2,3,6-tri-O-methyl)- β -cyclodextrin Molecules Hydrated Differently by a Total of 19.3 Water. <i>Journal of the American Chemical Society</i> , 1999 , 121, 3321-3327	16.4	20
166	Can anomalous signal of sulfur become a tool for solving protein crystal structures?. <i>Journal of Molecular Biology</i> , 1999 , 289, 83-92	6.5	194
165	Crystal Structures of Actinomycin D and Actinomycin Z. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 2381-2384	16.4	20
164	Structure of balhimycin and its complex with solvent molecules. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1998 , 54, 175-83		17
163	Novel Organic-Soluble Molecular Titanophosphonates with Cage Structures Comparable to Titanium-Containing Silicates. <i>Organometallics</i> , 1998 , 17, 2865-2868	3.8	44
162	Formation of Very Weakly Interacting Organometallic Cation-Anion Systems Using Pearson's HSAB Concept: Synthesis and Structures of [Ag(Toluene) ₃] ⁺ [((SiMe ₃) ₃ C)Al ₂ F ₅] ₂ Li ⁻ and [AlF ₂ (THF) ₄] ⁺ [((SiMe ₃) ₃ C)Al ₂ F ₅] ⁻ . <i>Organometallics</i> , 1998 , 17, 4326-4328	3.8	26
161	[37] Patterson superposition and ab initio phasing. <i>Methods in Enzymology</i> , 1997 , 276, 628-641	1.7	101
160	[16] SHELXL: High-resolution refinement. <i>Methods in Enzymology</i> , 1997 , 319-343	1.7	1940
159	X-ray crystallography reveals stringent conservation of protein fold after removal of the only disulfide bridge from a stabilized immunoglobulin variable domain. <i>Folding & Design</i> , 1997 , 2, 357-61		18
158	Synthesis, Structure and Hydrolysis Studies of Dimethyltris(trimethylsilyl)methylmetallanes of Aluminium and Gallium. <i>Chemistry - A European Journal</i> , 1997 , 3, 1783-1792	4.8	65
157	Crystal and molecular structure of didemnin A, an antiviral depsipeptide. <i>International Journal of Peptide and Protein Research</i> , 1996 , 47, 20-7		3
156	Crystal structure of vancomycin. <i>Structure</i> , 1996 , 4, 1509-15	5.2	150
155	Crystal Structure and Packing of Isocyclosporin A. <i>Helvetica Chimica Acta</i> , 1996 , 79, 1635-1642	2	10
154	The Molecular and Crystal Structure of the Glycopeptide A-40926 Aglycone. <i>Helvetica Chimica Acta</i> , 1996 , 79, 1916-1924	2	16
153	The Bicyclic Structure of a Novel TMEDA-Solvated Lithium Chloride Tetramer [(LiCl) ₄ ·3.5TMEDA] ₂ : X-ray Structural Analysis and MO Investigations. <i>Inorganic Chemistry</i> , 1995 , 34, 262-269	5.1	32
152	Crystal Structures of Two Modifications of [3,O-didehydro-mebmt ₁ , val ₂]-cyclosporin and comparison of three different X-ray data sets. <i>Helvetica Chimica Acta</i> , 1995 , 78, 355-366	2	7
151	Neuartige Koordination eines cyclopentadienylrings im heterotrimetallischen organoyttrium-komplex Li[Cp ₂ Y(FcN) ₂] (FcN = 2-dimethylaminomethylferrocenyl). <i>Journal of Organometallic Chemistry</i> , 1995 , 487, C18-C20	2.3	13

150	Dilithium-N,N'-bis(trimethylsilyl)hydrazid und ein Hydrolyseprodukt side-on und end-on an N2- und O2-gebundene Li-Kationen. <i>Chemische Berichte</i> , 1994 , 127, 845-847		33
149	Synthesis and Structure of the First Dimeric Iminoalane Containing an Al ₂ N ₂ Heterocycle. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 969-970		74
148	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	5.1	94
147	Di-TERT-BUTYLMETHYL-SILANOL, -SILANOLATE UND -SILOXANE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993 , 78, 75-81	1	7
146	Modellreaktionen zur Verankerung von Molybd- und Vanadium-Oxiden auf Silicium-Sauerstoff-Oberfl-chen. <i>Chemische Berichte</i> , 1993 , 126, 279-283		30
145	Neue Beitr-ge zur Chemie des Mangans: Synthese und Strukturen zweier monomerer MnII-Verbindungen und eines hexanuklearen MnII/III-Komplexes. <i>Chemische Berichte</i> , 1993 , 126, 921-926		30
144	Reaktionen eines freien Stannaimins und von Basen-stabilisierten Stannylenen. <i>Chemische Berichte</i> , 1993 , 126, 2247-2253		17
143	Chlorthiazine. <i>Chemische Berichte</i> , 1993 , 126, 2601-2607		12
142	A Simple Synthesis of [(Cp*Al) ₄] and Its Conversion to the Heterocubanes [(Cp*AlSe) ₄] and [(Cp*AlTe) ₄] (Cp* = η -C ₅ (CH ₃) ₅). <i>Angewandte Chemie International Edition in English</i> , 1993 , 32, 1729-1731		159
141	Main-group chemistry of the 2,4,6-tris(trifluoromethyl)phenyl substituent: x-ray crystal structures of [2,4,6-(CF ₃) ₃ C ₆ H ₂] ₂ Zn, [2,4,6-(CF ₃) ₃ C ₆ H ₂] ₂ Cd(MeCN) and [2,4,6-(CF ₃) ₃ C ₆ H ₃] ₂ Hg. <i>Organometallics</i> , 1992 , 11, 192-195	3.8	49
140	[3 + 1] Cycloaddition: reaction of dichlorogermylene with hexafluoro-2-propanethione 1-adamantylimide. <i>Organometallics</i> , 1992 , 11, 15-16	3.8	11
139	Synthese und Struktur von SeSb ₂ Cl ₂ (NCMe ₃) ₄ [eines nur von Stickstoffatomen umgebenen Selenimids ¹]. <i>Chemische Berichte</i> , 1992 , 125, 767-769		17
138	Polycyclische Verbindungen aus 2,5-Norbornadien, Isopropylbenzol und Dehalogenierungs-Produkten 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		4
137	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		9
136	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	2.3	59
135	CF bond activation in the reaction of BiCl ₃ with sodium 2,4,6-tris(trifluoromethyl)phenoxide. <i>Journal of Organometallic Chemistry</i> , 1991 , 402, C4-C7	2.3	13
134	The preparation and crystal structures of sodium and potassium pentamethylcyclopentadienyl pyridine solvates. <i>Journal of Organometallic Chemistry</i> , 1991 , 403, 11-19	2.3	75
133	Synthesis and Structure of the First Tellurium(III) Radical Cation. <i>Angewandte Chemie International Edition in English</i> , 1991 , 30, 1677-1678		27

132	(Perfluoralkyl)(dimethylamino)sulfonium-hexafluoroarsenate. <i>Chemische Berichte</i> , 1991 , 124, 31-38		11
131	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		10
130	Synthese und Struktur von $\text{Ph}_3\text{P}^+\text{NRe}(\text{NC}_6\text{H}_3\text{iPr}_2;-2,6)_3^-$ -eine Aza-Rhenium(VII)-Verbindung. <i>Chemische Berichte</i> , 1991 , 124, 757-759		8
129	Darstellung und Struktur von Thallium(I)-2,4,6-tris(trifluormethyl)thiophenolat, einer Verbindung mit faltblattartig-polymerem Aufbau. <i>Chemische Berichte</i> , 1991 , 124, 1127-1129		14
128	Zweifache Borylierung von Benzolderivaten mit (Diisoalkylamino)boradiyl-Einheiten. <i>Chemische Berichte</i> , 1991 , 124, 1907-1912		8
127	Synthesis and Molecular Structure of the Solvent-Free $[\text{LiN}(\text{SiMe}_3)(2,6\text{iPr}_2\text{C}_6\text{H}_3)]_2$ Dimer. <i>Chemische Berichte</i> , 1991 , 124, 2223-2225		38
126	Isocyanatosulfonium-Salze. <i>Chemische Berichte</i> , 1991 , 124, 2411-2416		5
125	A tricyclic ring system of six carbon and five boron atoms from monoalkylbenzene and five formal borene units. <i>Organometallics</i> , 1991 , 10, 2097-2098	3.8	8
124	Alkali-Salze des Octamethylcyclotetrasilazans [Synthese und Kristallstrukturen. <i>Chemische Berichte</i> , 1990 , 123, 237-242		15
123	An Uncomplexed 1,2,3-Triborolane Derivative. <i>Chemische Berichte</i> , 1990 , 123, 293-294		7
122	Konformationsanalyse am Beispiel des N-Benzylpyridinium-bromids: Vergleich von kristallstrukturanalytischen Daten mit den Ergebnissen von semiempirischen Berechnungen (MINDO/3, MNDO, AM1 und PM3). <i>Chemische Berichte</i> , 1990 , 123, 321-325		14
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5	The stereochemistry of (5exo-acylcyclohexa-1,3-diene)tricarbonyliron derivatives and the crystal structure of (5-exo-cyanocyclohexa-1,3-diene)tricarbonyliron. <i>Journal of Organometallic Chemistry</i> , 1978 , 150, 115-122	2.3	21
4	Isocyanide substitution in octadecacarbonyl hexaosmium. <i>Journal of Organometallic Chemistry</i> , 1978 , 149, C43-C46	2.3	23
3	Structure of vancomycin and its complex with acetyl-D-alanyl-D-alanine. <i>Nature</i> , 1978 , 271, 223-5	50.4	253
2	DNA double helical fragment at atomic resolution. <i>Nature</i> , 1978 , 273, 687-8	50.4	183
1	Tricarbonyl[8-acetyl 2-4:6-7- β bicyclo[3.2.1]octadienyl]iron, a novel rearrangement in the acylation of $[C_8H_8Fe(CO)_3]$. <i>Journal of Organometallic Chemistry</i> , 1977 , 128, C31-C34	2.3	16