

George M Sheldrick

List of Publications by Year in descending order

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64567
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#	ARTICLE	IF	CITATIONS
1	A short history of <i>SHELX</i> . Acta Crystallographica Section A: Foundations and Advances, 2008, 64, 112-122.	0.3	81,966
2	Crystal structure refinement with <i>SHELXL</i> . Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 3-8.	0.5	30,441
3	<i>SHELXT</i> – Integrated space-group and crystal-structure determination. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, 3-8.	0.1	18,933
4	Comparison of silver and molybdenum microfocus X-ray sources for single-crystal structure determination. Journal of Applied Crystallography, 2015, 48, 3-10.	4.5	3,121
5	<i>ShelXle</i> : a Qt graphical user interface for <i>SHELXL</i> . Journal of Applied Crystallography, 2011, 44, 1281-1284.	4.5	2,798
6	[16] <i>SHELXL</i> : High-resolution refinement. Methods in Enzymology, 1997, , 319-343.	1.0	2,318
7	Substructure solution with <i>SHELXD</i> . Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 1772-1779.	2.5	1,481
8	Experimental phasing with <i>SHELXC</i> / <i>SHELXD</i> / <i>SHELXE</i> : combining chain tracing with density modification. Acta Crystallographica Section D: Biological Crystallography, 2010, 66, 479-485.	2.5	1,041
9	<i>CCP4</i> 2: the new graphical user interface to the <i>CCP4</i> program suite. Acta Crystallographica Section D: Structural Biology, 2018, 74, 68-84.	2.3	382
10	Structure of vancomycin and its complex with acetyl-D-alanyl-D-alanine. Nature, 1978, 271, 223-225.	27.8	285
11	Ion permeation in K ⁺ channels occurs by direct Coulomb knock-on. Science, 2014, 346, 352-355.	12.6	271
12	Validation of metal-binding sites in macromolecular structures with the CheckMyMetal web server. Nature Protocols, 2014, 9, 156-170.	12.0	254
13	Can anomalous signal of sulfur become a tool for solving protein crystal structures? 1 Edited by I. A. Wilson. Journal of Molecular Biology, 1999, 289, 83-92.	4.2	218
14	DNA double helical fragment at atomic resolution. Nature, 1978, 273, 687-688.	27.8	196
15	Labyrinthopeptins: A New Class of Carbacyclic Lantibiotics. Angewandte Chemie - International Edition, 2010, 49, 1151-1154.	13.8	193
16	A Simple Synthesis of [(Cp*Al) ₄] and Its Conversion to the Heterocubanes [(Cp*AlSe) ₄] and [(Cp*AlTe) ₄](Cp* = 1,5-C ₅ (CH ₃) ₅). Angewandte Chemie International Edition in English, 1993, 32, 1729-1731.	4.4	191
17	The 1.2 Å... crystal structure of hirustasin reveals the intrinsic flexibility of a family of highly disulphide-bridged inhibitors. Structure, 1999, 7, 55-63.	3.3	190
18	A comparison of a microfocus X-ray source and a conventional sealed tube for crystal structure determination. Journal of Applied Crystallography, 2009, 42, 885-891.	4.5	185

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19	Crystal structure of vancomycin. <i>Structure</i> , 1996, 4, 1509-1515.	3.3	179
20	Crystallographic ab initio protein structure solution below atomic resolution. <i>Nature Methods</i> , 2009, 6, 651-653.	19.0	167
21	Enhanced rigid-bond restraints. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2012, 68, 448-451.	0.3	159
22	<i>ANODE</i> : anomalous and heavy-atom density calculation. <i>Journal of Applied Crystallography</i> , 2011, 44, 1285-1287.	4.5	152
23	Refinement of macromolecular structures against neutron data with <i>SHELXL2013</i> . <i>Journal of Applied Crystallography</i> , 2014, 47, 462-466.	4.5	152
24	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.	2.3	141
25	[37] Patterson superposition and ab initio phasing. <i>Methods in Enzymology</i> , 1997, 276, 628-641.	1.0	121
26	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.	4.0	120
27	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	110
28	Benzamidinatokomplexe mit Haupt- und Nebengruppen-Elementen – Strukturen von PhC(NSiMe) ₂ ETQqO _{0.0} rgBT / Overlock 10 ₂. <i>Chemische Berichte</i> , 1988, 121, 1403-1406.	0.2	107
29	The preparation and crystal structures of sodium and potassium pentamethylcyclopentadienyl pyridine solvates. <i>Journal of Organometallic Chemistry</i> , 1991, 403, 11-19.	1.8	89
30	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.	4.4	88
31	Syntheses and Crystal Structures of the New Ag-S Clusters [Ag ₇₀ S ₁₆ (SPh) ₃₄ (PhCO ₂) ₄ (triphos) ₄] and [Ag ₁₈₈ S ₉₄ (PR ₃) ₃₀]. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3818-3822.	13.8	88
32	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.	2.3	86
33	Improving radiation-damage substructures for RIP. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 1227-1237.	2.5	82
34	Preparation and structural characterization of the bis[bis(trimethylsilyl)amido]chalcogenides of selenium and tellurium. <i>Inorganic Chemistry</i> , 1990, 29, 5140-5143.	4.0	81
35	Extending molecular-replacement solutions with <i>SHELXE</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2251-2256.	2.5	81
36	Intra- and intermolecular hetero-Diels-Alder reactions. 15. Asymmetric induction in Grignard and hetero-Diels-Alder reactions of chiral .alpha.,.beta.-unsaturated carbonyl compounds. <i>Journal of the American Chemical Society</i> , 1987, 109, 921-923.	13.7	76

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37	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.	1.8	73
38	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.	2.5	71
39	X-Ray Structure Determination of [?(Phenylsulfonyl)benzyl]lithium-Tetramethylethylenediamine]2: Chirality of an ?-Sulfonyl ?Carbanion?. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 573-575.	4.4	70
40	Synthesis, Structure and Hydrolysis Studies of Dimethyltris(trimethylsilyl)methylmetallanes of Aluminium and Gallium. <i>Chemistry - A European Journal</i> , 1997, 3, 1783-1792.	3.3	70
41	Stufenweise Synthese ketten- und ringförmiger Siloxane – Kristallstrukturen. <i>Chemische Berichte</i> , 1984, 117, 2988-2997.	0.2	65
42	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.	112.3	63
43	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.	3.3	63
44	Exploiting tertiary structure through local folds for crystallographic phasing. <i>Nature Methods</i> , 2013, 10, 1099-1101.	19.0	63
45	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	60
46	Structure of TANDEM and its implication for bifunctional intercalation into DNA. <i>Nature</i> , 1981, 289, 817-819.	27.8	58
47	A magic triangle for experimental phasing of macromolecules. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008, 64, 1179-1182.	2.5	57
48	A Catalyst with Two-coordinate Nickel: Theoretical and Catalytic Studies. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 818-823.	2.0	57
49	(Ph ₄ P) ₂ [CuCN(MoS ₄)] and (Me ₄ N) ₂ (CuCN) ₂ MoS ₄ : Thiomolybdate Ligands on the Cu Atoms of a CuCN Molecule and zigzag-CuCN Chain. <i>Angewandte Chemie International Edition in English</i> , 1981, 20, 1060-1061.	4.4	55
50	Effect of Peracylation of β -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.	13.7	54
51	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.	4.4	53
52	On the Structure of the Helical N-Terminus in Alamethicin – Helix or 310-Helix?. <i>Angewandte Chemie International Edition in English</i> , 1981, 20, 889-890.	4.4	50
53	Silver-Catalyzed Formation of Crown Ethers; Synthesis and Structure of [Ag([12]crown-4) ₂][AsF ₆]. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 376-376.	4.4	50
54	A Transition Metal Atom as Building Block of a Cyclic Phosphazene – Synthesis and Structure of [Cl ₃ WN ₃ (PPh ₂) ₂]. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 477-478.	4.4	50

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55	Practical structure solution with <i>ARCIMBOLDO</i> . Acta Crystallographica Section D: Biological Crystallography, 2012, 68, 336-343.	2.5	50
56	Crystal and molecular structure of $[N(CH_3)_4]_2[Mo_2O_2S_2(S_2)_2]$: a compound with two S_2 -ligands. Inorganic Chemistry, 1980, 19, 2066-2069.	4.0	48
57	Synthesis of mixed diarylgold(III) complexes. Crystal structure of <i>cis</i> -[2-(phenylazo)phenyl][2-[(dimethylamino)methyl]phenyl]gold(III) tetrachloroaurate. Journal of Organometallic Chemistry, 1986, 310, 401-409.	1.8	47
58	Synthesis and Molecular Structure of the Solvent-Free $[Li(N(SiMe_3)_3)_2(2,6\text{-}Pr_2C_6H_3)_2]$ Dimer. Chemische Berichte, 1991, 124, 2223-2225.	0.2	47
59	Novel Organic-Soluble Molecular Titanophosphonates with Cage Structures Comparable to Titanium-Containing Silicates. Organometallics, 1998, 17, 2865-2868.	2.3	47
60	Induced and Non-induced Diastereoselective Intramolecular Ene Reaction of 1,6-Dienes: the Unusual Formation of <i>trans</i> -1,2-Disubstituted Cyclopentanes. Angewandte Chemie International Edition in English, 1988, 27, 1186-1187.	4.4	46
61	In-house measurement of the sulfur anomalous signal and its use for phasing. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 688-696.	2.5	46
62	Conformational Analysis of Didemnins. A multidisciplinary approach by means of X-Ray, NMR, molecular-dynamics, and molecular-mechanics techniques. Helvetica Chimica Acta, 1989, 72, 530-555.	1.6	45
63	Refinement of obverse/reverse twins. Acta Crystallographica Section B: Structural Science, 2002, 58, 477-481.	1.8	45
64	Structure of the Parallel Duplex of Poly(A) RNA: Evaluation of a 50-Year-Old Prediction. Angewandte Chemie - International Edition, 2013, 52, 10370-10373.	13.8	45
65	$[Mo_2S_{10}]^{2-}$, a complex with terminal sulfido, bridging sulfido, persulfido, and tetrasulfido groups. Inorganic Chemistry, 1981, 20, 1562-1566.	4.0	44
66	<i>N,N</i> -Dilithiobis(alkylamino)phenylborane als Synthesebausteine für viergliedrige Metallacyclen. Chemische Berichte, 1990, 123, 703-706.	0.2	43
67	Structure of Tripeptidyl-peptidase I Provides Insight into the Molecular Basis of Late Infantile Neuronal Ceroid Lipofuscinosis. Journal of Biological Chemistry, 2009, 284, 3976-3984.	3.4	43
68	Hetero-diels-alder reaction of enamincarbaldehydes an entry to branched aminosugars. Tetrahedron Letters, 1985, 26, 5273-5276.	1.4	42
69	The Bicyclic Structure of a Novel TMEDA-Solvated Lithium Chloride Tetramer $[(LiCl)_4 \cdot 3.5TMEDA]_2$: X-ray Structural Analysis and MO Investigations. Inorganic Chemistry, 1995, 34, 262-269.	4.0	42
70	Structure of the lipopeptide antibiotic tsushimycin. Acta Crystallographica Section D: Biological Crystallography, 2005, 61, 1160-1164.	2.5	42
71	The reduction of trisium dodecacarbonyl by sodium borohydride. The preparation and X-ray structure of the cluster anion $[H_2O_4(CO)_{12}]^{2-}$. Journal of Organometallic Chemistry, 1978, 162, 179-187.	1.8	40
72	Carben-analoga Reaktionen der Dehalogenierungsprodukte von Dichlor(diisopropylamino)boran mit Aromaten und 1,2-Dimethoxyethan. Chemische Berichte, 1987, 120, 1437-1439.	0.2	40

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73	Lithium- <i>N,N</i> -bis(trimethylsilyl)pentamethylenetetraaminatetrafluoroborane "Synthese und Kristallstruktur. Chemische Berichte, 1988, 121, 1457-1459.	0.2	40
74	High-resolution structure of bovine pancreatic trypsin inhibitor with altered binding loop sequence. Journal of Molecular Biology, 2000, 295, 1237-1249.	4.2	40
75	Crystal structure of low-potential cytochrome c 549 from <i>Synechocystis</i> sp. PCC 6803 at 1.21 Å resolution. Journal of Biological Inorganic Chemistry, 2001, 6, 324-332.	2.6	40
76	Diels-alder reactions of malondialdehyde derivatives with reversed electron demand; an easy approach to structurally unique carbohydrates and compounds of the thromboxane type. Tetrahedron Letters, 1982, 23, 1147-1150.	1.4	39
77	Synthesis and structure of novel polycyclic species from toluene and <i>m</i> -xylene and the dehalogenation product of difluoro(diisopropylamino)borane. Journal of the American Chemical Society, 1989, 111, 8299-8300.	13.7	39
78	Ab initio structure solution of a dimeric cytochrome <i>c</i> 53 from <i>Desulfovibrio gigas</i> containing disulfide bridges. Journal of Biological Inorganic Chemistry, 1999, 4, 162-165.	2.6	39
79	The Antiviral Antibiotic Feglymycin: First Direct-Methods Solution of a 1000+ Equal-Atom Structure. Angewandte Chemie - International Edition, 2005, 44, 1340-1342.	13.8	39
80	Structures of complexes between echinomycin and duplex DNA. Acta Crystallographica Section D: Biological Crystallography, 2005, 61, 442-448.	2.5	39
81	Structure determination of the <i>O</i> -methyltransferase NovP using the 'free lunch algorithm' as implemented in SHELXE. Acta Crystallographica Section D: Biological Crystallography, 2007, 63, 1069-1074.	2.5	39
82	Unexpected tautomeric equilibria of the carbanion-enamine intermediate in pyruvate oxidase highlight unrecognized chemical versatility of thiamin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10867-10872.	7.1	39
83	Dilithium- <i>N,N</i> -bis(trimethylsilyl)hydrazid und ein Hydrolyseprodukt side-on und end-on an N_2O_2 und O_2 gebundene Li-Kationen. Chemische Berichte, 1994, 127, 845-847.	0.2	38
84	Structure of Ecballium elaterium trypsin inhibitor II (EETI-II): a rigid molecular scaffold. Acta Crystallographica Section D: Biological Crystallography, 2005, 61, 1255-1262.	2.5	38
85	Triazatri metallabenzenes, a New Class of Inorganic Heterocycles; Synthesis and Structure of $[Cp^*TaN(CI)]_3$. Angewandte Chemie International Edition in English, 1988, 27, 1330-1331.	4.4	37
86	Locating the anomalous scatterer substructures in halide and sulfur phasing. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 57-66.	2.5	37
87	Structure and activity of the only human RNase T2. Nucleic Acids Research, 2012, 40, 8733-8742.	14.5	37
88	2-ethyl-5-(3-indolyl)oxazole from <i>Streptomyces cinnamomeus</i> discovered by chemical screening. Characterization and structure elucidation by X-ray analysis. Journal of Antibiotics, 1982, 35, 549-555.	2.0	36
89	Chromium, molybdenum, and tungsten carbonyl complexes of phenyldibenzophosphole. Organometallics, 1988, 7, 1724-1734.	2.3	36
90	Ab initio solution and refinement of two high-potential iron protein structures at atomic resolution. Acta Crystallographica Section D: Biological Crystallography, 1999, 55, 1773-1784.	2.5	36

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91	The Thermodynamic Influence of Trapped Water Molecules on a Protein-Ligand Interaction. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5207-5210.	13.8	36
92	Cyclic diguanylic acid behaves as a host molecule for planar intercalators. <i>FEBS Letters</i> , 1990, 264, 223-227.	2.8	35
93	Modellreaktionen zur Verankerung von Molybdän- und Vanadium-Oxiden auf Silicium-Sauerstoff-Oberflächen. <i>Chemische Berichte</i> , 1993, 126, 279-283.	0.2	35
94	Crystal Structures of [Met ₅] and [(4-Bromo)Phe ₄ , Met ₅]: Formation of a Dimeric Antiparallel β^2 -Structure. <i>Journal of Biochemistry</i> , 1987, 101, 485-490.	1.7	34
95	Synthesis and Structure of the First Tellurium(III) Radical Cation. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1677-1678.	4.4	34
96	Neue Beiträge zur Chemie des Mangans: Synthese und Strukturen zweier monomerer Mn ^{II} -Verbindungen und eines hexanuklearen Mn ^{II/III} -Komplexes. <i>Chemische Berichte</i> , 1993, 126, 921-926.	0.2	34
97	Crystal Structure and Functional Analysis of Drosophila Wind, a Protein-disulfide Isomerase-related Protein. <i>Journal of Biological Chemistry</i> , 2003, 278, 44600-44607.	3.4	34
98	Automatic Solution of Heavy-Atom Substructures. <i>Methods in Enzymology</i> , 2003, 374, 37-83.	1.0	34
99	The Solution and Crystal Structures of a Module Pair from the Staphylococcus aureus-Binding Site of Human Fibronectin-A Tale with a Twist. <i>Journal of Molecular Biology</i> , 2007, 368, 833-844.	4.2	34
100	Stabilisation of silicium ylids by adduct formation with aluminium trihalides: the crystal structure of [(Me ₃ C) ₂ SiNCMe ₃] ₂ AlClF ₂ . <i>Journal of Organometallic Chemistry</i> , 1983, 249, 47-54.	1.8	33
101	Non-merohedral twinning: from minerals to proteins. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 1040-1050.	2.3	33
102	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.	2.5	32
103	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
104	Formation of Metal-Metal Bonds and Conversion of the Metal Aggregate {Mo ₄ (S ₂) ₄ (S ²⁻) ₂ } by Atom-Transfer and Redox Reactions at Nonequivalent Ligands; [Mo ₄ S ₄ (NO) ₄ (CN) ₈] ⁸⁻ an Anion with a Central Cubane-Like Unit. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 536-537.	4.4	30
105	Optically active transition-metal complexes. 90. Cyclic Cp(CO) ₂ Mo[NH(R*)CH(py)] complexes and their rhodium norborene derivatives: stereochemistry and absolute configuration of the metallaziridine system. <i>Organometallics</i> , 1986, 5, 2212-2219.	2.3	30
106	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.	2.5	29
107	Crystal structure of trioxacarcin A covalently bound to DNA. <i>Nucleic Acids Research</i> , 2008, 36, 3508-3514.	14.5	29
108	Structure of sulfamidase provides insight into the molecular pathology of mucopolysaccharidosis IIIA. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 1321-1335.	2.5	29

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109	Synthesis of a Stable Aminosilanol and a Lithium Aminosilanolate with Cubane Structure. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 891-892.	4.4	28
110	Reaktionen eines freien Stannaimins und von Basenstabilisierten Stannylene. <i>Chemische Berichte</i> , 1993, 126, 2247-2253.	0.2	28
111	Formation of Very Weakly Interacting Organometallic Cation-Anion Systems Using Pearson's HSAB Concept: A Synthesis and Structures of [Ag(Toluene) ₃]+[{(SiMe ₃) ₃ C}2Al ₂ F ₅ } ²⁻ Li ⁻]-and [AlF ₂ (THF) ₄]+[{(SiMe ₃) ₃ C}2Al ₂ F ₅]-. <i>Organometallics</i> , 1998, 17, 4326-4328.	2.3	27
112	Ab initio structure determination of the antibiotic mersacidin. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000, 56, 705-713.	2.5	27
113	Crystal Structures of Actinomycin D and Actinomycin Z3. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2381-2384.	13.8	26
114	The Crystal Structure of Non-Modified and Bipyridine-Modified PNA Duplexes. <i>Chemistry - A European Journal</i> , 2010, 16, 11867-11875.	3.3	26
115	Isocyanide substitution in octadecacarbonyl hexaosmium. <i>Journal of Organometallic Chemistry</i> , 1978, 149, C43-C46.	1.8	25
116	The magic triangle goes MAD: experimental phasing with a bromine derivative. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 374-380.	2.5	25
117	Structure of dimeric cytochrome c ₃ from <i>Desulfovibrio gigas</i> at 1.2 Å resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 644-653.	2.5	24
118	Structure of viscotoxin A3: disulfide location from weak SAD data. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 2125-2132.	2.5	24
119	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.	2.5	24
120	Oxidative ortho C-C Coupling of 4-Ethylphenol by Dual Substrate Activation at a Bioinspired Dicationic Copper Complex: Trapping of an Unusual Oligophenolic Cu ₆ Species. <i>Chemistry - A European Journal</i> , 2009, 15, 4994-4997.	3.3	24
121	The stereochemistry of (5-exo-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.	1.8	23
122	Crystal and molecular structure of the quinoxaline antibiotic analog TANDEM (des-N-tetramethyltrioistin A). <i>Journal of the American Chemical Society</i> , 1982, 104, 3401-3408.	13.7	23
123	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.	0.2	23
124	Experimental Charge Density Studies of Disordered N-Phenylpyrrole and N-(4-Fluorophenyl)pyrrole. <i>Journal of Physical Chemistry A</i> , 2009, 113, 9684-9691.	2.5	23
125	Polyspirane, 7. Umlagerungskaskaden, 2: Von Polyspiranen zu Polycyclen - Sechsfache 1,2-Verschiebungen an funktionalisierten Pentaspiro[2.0.2.0.2.0.2.1]hexadecanen. <i>Chemische Berichte</i> , 1984, 117, 203-221.	0.2	22
126	Cyanogen as a Bridging Ligand-Preparation and Crystal Structure of Polymeric [Ag{(CN) ₂ } ₂] _n [AsF ₆] _n with an Undulating Square Cationic Network. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 417-418.	4.4	22

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241	Synthesis and Structure of (Z)-3-Amino-4-oxo-2-azetidinesulfonic Acids. <i>Angewandte Chemie International Edition in English</i> , 1983, 22, 886-887.	4.4	0
242	Synthese und Struktur von (Z)-3-Amino-4-oxo-2-azetidinsulfonsäure-1/2uren. <i>Angewandte Chemie International Edition in English</i> , 1983, 22, 1333-1342.	4.4	0
243	Conversion of LiNS(F)OCMe ₃ into an(Li ₈) ₂ Double Cluster. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 795-796.	4.4	0