

# Hans Reuter

## List of Publications by Year in descending order

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79  
papers

1,887  
citations

257450

24  
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265206

42  
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89  
all docs

89  
docs citations

89  
times ranked

1479  
citing authors

#	ARTICLE	IF	CITATIONS
1	Di- <i>tert</i> -butyltin(IV) "hydroxide"iodide, $\text{Bu}_2\text{Sn}(\text{OH})\text{I}$ , the last missing member in the series of pure di- <i>tert</i> -butyltin(IV) "hydroxide"halides. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 633-637.	0.5	1
2	The 2'-deoxyribofuranoside of 3-phenyltetrahydropyrimido[4,5- <i>c</i> ]pyridazin-7-one: a bicyclic nucleoside with sugar residues in <i>N</i> and <i>S</i> conformations, and its molecular recognition. Acta Crystallographica Section C, Structural Chemistry, 2022, 78, 382-389.	0.5	0
3	$\text{Ba}_3[\text{Sn}(\text{OH})_6][\text{SeO}_4]_2 \cdot 3\text{H}_2\text{O}$ , a hydrated 1:2 double salt of barium hexahydroxidostannate(IV) and barium selenate(VI). Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 809-813.	0.5	0
4	Two coordination compounds of $\text{SnCl}_2$ with 4-methylpyridine <i>N</i> -oxide. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 91-95.	0.5	0
5	$\text{Na}_9\text{Bi}_5\text{Os}_3\text{O}_{24}$ : A Diamagnetic Oxide Featuring a Pronouncedly Jahn-Teller Compressed Octahedral Coordination of Osmium(VI). Angewandte Chemie - International Edition, 2021, 60, 16500-16505.	13.8	6
6	$\text{Na}_9\text{Bi}_5\text{Os}_3\text{O}_{24}$ : A Diamagnetic Oxide Featuring a Pronouncedly Jahn-Teller Compressed Octahedral Coordination of Osmium(VI). Angewandte Chemie, 2021, 133, 16636-16641.	2.0	0
7	A combined experimental and theoretical analysis on the solid-state supramolecular assemblies of pent-2-ynol derivatives. Journal of Molecular Structure, 2021, 1243, 130813.	3.6	4
8	Protein binding and cytotoxic activities of monomeric and dimeric oxido-vanadium(V) salan complexes: Exploring the solution behavior of monoalkoxido-bound oxido-vanadium(V) complex. Journal of Inorganic Biochemistry, 2021, 224, 111582.	3.5	21
9	Polynuclear zinc(II) complexes of thiosemicarbazone: Synthesis, X-ray structure and biological evaluation. Journal of Inorganic Biochemistry, 2020, 203, 110908.	3.5	49
10	Copper(I)-Catalyzed Synthesis of Functionalized Indolizinones from Substituted Pyridine Homologated Ynones. Journal of Organic Chemistry, 2020, 85, 902-911.	3.2	13
11	Copper( <i>sc</i> ) catalyzed synthesis of selanyl methylene 4-chromanol and aurone derivatives. Organic and Biomolecular Chemistry, 2020, 18, 4619-4627.	2.8	7
12	Chemistry of mixed-ligand oxido vanadium(IV) complexes of aroylhydrazones incorporating quinoline derivatives: Study of solution behavior, theoretical evaluation and protein/DNA interaction. Journal of Inorganic Biochemistry, 2019, 199, 110786.	3.5	27
13	New $\text{Ag}_8\text{PtO}_6$ : synthesis, crystal structure, physical properties and theoretical analyses. Dalton Transactions, 2019, 48, 5058-5063.	3.3	2
14	Guanosine Nucleolipids: Synthesis, Characterization, Aggregation and X-Ray Crystallographic Identification of Electricity-Conducting G-Ribbons. Chemistry and Biodiversity, 2019, 16, e1900024.	2.1	0
15	Synthesis of New Potential Lipophilic Co-Drugs of 2-Chloro-2'-deoxyadenosine (Cladribine, $2\text{CdA}$ ). Tj ETQq1 1 0.784314 e1800497.	2.1	1
16	Redetermination of $\text{Sr}_2\text{PdO}_3$ from single-crystal X-ray data. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 30-32.	0.5	0
17	Dioxidomolybdenum(VI) complexes bearing sterically constrained aroylazine ligands: Synthesis, structural investigation and catalytic evaluation. Inorganica Chimica Acta, 2018, 469, 366-378.	2.4	24
18	Anionic Dinuclear Oxidovanadium(IV) Complexes with Azo Functionalized Tridentate Ligands and $\frac{1}{4}$ -Ethoxido Bridge Leading to an Unsymmetric Twisted Arrangement: Synthesis, X-ray Structure, Magnetic Properties, and Cytotoxicity. Inorganic Chemistry, 2018, 57, 5767-5781.	4.0	33

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19	Circumventing the perovskite pattern: Linear ruthenate(V) polyoxoanions in Bi <sub>2</sub> NaRuO <sub>6</sub> . <i>Solid State Sciences</i> , 2018, 82, 52-58.	3.2	1
20	Synthesis, structure and cytotoxicity of a series of Dioxidomolybdenum(VI) complexes featuring Salan ligands. <i>Journal of Inorganic Biochemistry</i> , 2017, 172, 110-121.	3.5	28
21	Atom-Economical Palladium Carbon-Catalyzed <i>de Novo</i> Synthesis of Trisubstituted Nicotinonitriles. <i>Journal of Organic Chemistry</i> , 2017, 82, 9012-9022.	3.2	13
22	Crystal structure of (E)-2-hydroxy-1,2-diphenylethan-1-one oxime. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1062-1065.	0.5	0
23	Structural parameters of dimethyl sulfoxide, DMSO, at 100 K, based on a redetermination by use of high-quality single-crystal X-ray data. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1405-1408.	0.5	16
24	Bis( $\frac{1}{4}$ -benzoato) $\mu_2$ - $\mu_2$ -bis(benzoato- $\mu_2$ -octabutylidene) $\mu_3$ -oxido-tetratin(IV). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 322-326.	0.5	0
25	Redetermination of the crystal structure of dimethylbis[2,4-pentanedionato( $1\lambda^-$ )- $\mu_2$ - $\mu_2$ , $\mu_4$ ]tin(IV). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 472-475.	0.5	0
26	Crystal structure of the coordination compound of triiodidomethyltin(IV) with 2,2'-bipyridine, MeSnI <sub>3</sub> ·bipy. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 17-20.	0.5	1
27	Chemistry of Monomeric and Dinuclear Non-Oxido Vanadium(IV) and Oxidovanadium(V) Aroylazine Complexes: Exploring Solution Behavior. <i>Inorganic Chemistry</i> , 2016, 55, 1165-1182.	4.0	62
28	Crystal structure of bis(benzoato- $\mu_2$ -O)dibutyltin(IV), nBu <sub>2</sub> Sn(bzo) <sub>2</sub> . <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 897-900.	0.5	1
29	Crystal structure of a one-dimensional coordination polymer of tin(IV) bromide with 1,4-dithiane. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, m267-m268.	0.5	1
30	Methylphosphonic acid, CH <sub>3</sub> PO(OH) <sub>2</sub> . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o353-o353.	0.2	5
31	On the structural diversity anions coordinate to the butterfly-shaped [(R <sub>2</sub> Sn) <sub>3</sub> O(OH) <sub>2</sub> ] <sup>2+</sup> cations and vice versa. <i>Canadian Journal of Chemistry</i> , 2014, 92, 496-507.	1.1	6
32	Reaction products of diorganotin(IV) oxides, R <sub>2</sub> SnO, with nitric acid. Part 2 – R = n-butyl and t-butyl. <i>Canadian Journal of Chemistry</i> , 2014, 92, 484-495.	1.1	6
33	Reaction products of diorganotin(IV) oxides, R <sub>2</sub> SnO, with nitric acid. Part 1: R = methyl, ethyl, and isopropyl. <i>Canadian Journal of Chemistry</i> , 2014, 92, 471-483.	1.1	8
34	catena-Poly[[di-tert-butyltin(IV)]- $\frac{1}{4}$ -oxalato]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, m133-m133.	0.2	6
35	Crystal structure of catena-poly[[aquadipropyltin(IV)]- $\frac{1}{4}$ -oxalato]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, 87-90.	0.2	0
36	7-Cyclopropyl-2'-deoxytubercidin: a carbocyclic side-chain derivative of 7-deaza-2'-deoxyadenosine. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 1116-1120.	0.5	1

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37	3-Methylideneoxolane-2,5-dione. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o321-o321.	0.2	0
38	Hexa- $\frac{1}{4}$ -acetato-hexa-n-butylhexa- $\frac{1}{4}$ -oxido-tin(IV) toluene monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m4-m4.	0.2	4
39	Redetermination of dipotassium trichloridostannate(II) chloride monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, i10-i10.	0.2	1
40	Dilithium hexahydroxidostannate(IV) dihydrate, a second monoclinic modification with a layer structure. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, i25-i25.	0.2	1
41	Diacetatodi-tert-butyltin(IV). Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m254-m254.	0.2	2
42	Calcium hexakis(dihydrogenphosphito)stannate(IV), Ca[Sn(H <sub>2</sub> PO <sub>2</sub> ) <sub>6</sub> ], with some remarks on the so-called Ge <sub>2</sub> (H <sub>2</sub> PO <sub>2</sub> ) <sub>6</sub> structure type. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, i44-i44.	0.2	1
43	Diaquatetrabromidotin(IV) trihydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, i70-i70.	0.2	0
44	Et <sub>2</sub> SnCl <sub>2</sub> · H <sub>2</sub> O and the Trigonal Bipyramidal Transition State of a S <sub>N</sub> 2 Reaction. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1367-1369.	1.6	2
45	[(iPrSn)2O14(OH)6][(iPrSn)3(OV)4O10(OH)3] · 4DMSO: Evidence for the Formation of Contact Ion Pairs Resulting from the Nucleophilic Attack on a Square Pyramidally Coordinated Tin Atom. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1364-1366.	1.6	5
46	Monoorganotin "polyoxometal-compounds. Part IV: Na <sub>2</sub> [(iPrSn <sub>3</sub> )(OV)4O10(OH)3] · 5H <sub>2</sub> O · 3DMSO, a novel branched tetravanadate(V) stabilized by a trimeric monoorganotin-oxo-hydroxo unit. Inorganica Chimica Acta, 2010, 363, 4277-4281.	2.4	4
47	Viologen-based benzylic dendrimers: selective synthesis of 3,5-bis(hydroxymethyl)benzylbromide and conformational analysis of the corresponding viologen dendrimer subunit. Tetrahedron Letters, 2010, 51, 2188-2192.	1.4	26
48	(E)-4-(2,3-Dihydro-1,3-benzothiazol-2-ylidene)-3-methyl-1-phenyl-1H-pyrazol-5-one. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1096-o1096.	0.2	5
49	Synthesis and Crystal Structures of O-2,3-Cyclic Cyclopentanone and Cyclohexanone Ketals of the Cytostatic 5-Fluorouridine. Helvetica Chimica Acta, 2009, 92, 1923-1932.	1.6	5
50	Synthesis and Crystal Structures of Two 9-(2-Bromoethyl)-Substituted 7-Deazapurines. Helvetica Chimica Acta, 2009, 92, 1944-1951.	1.6	2
51	Dimethyl 3-acetyl-3-(1,3-benzothiazol-2-yl)pentanedioate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2290-o2290.	0.2	0
52	O-2,1-Anhydro-( $\beta$ -D-Psicofuranosyl)Thymine and 1-(1-Anhydro-4-O-Anhydro- $\beta$ -D-Psicofuranosyl)Thymine: The Crystal Structures Versus the 1H NMR and AB Initio Data. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1015-1019.	1.1	1
53	4-[(3-Hydroxy-5-phenyl-1H-pyrazol-4-yl)methyl]-5-phenyl-1H-pyrazol-3(2H)-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2554-o2556.	0.2	1
54	Methyl 1-deoxy-1-( $\beta$ -D-thyminyloxy)- $\beta$ -D-psicofuranoside. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4294-o4294.	0.2	2

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55	7-Deaza-2'-deoxyxanthosine Dihydrate Forms Water-Filled Nanotubes with C-H...O Hydrogen Bonds. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 603-605.	13.8	24
56	Coordination chemistry of tin. <i>Journal of Organometallic Chemistry</i> , 2002, 649, 147-151.	1.8	10
57	Monoorganotin polyoxometal compounds. <i>Journal of Organometallic Chemistry</i> , 2000, 598, 381-386.	1.8	12
58	INVESTIGATIONS INTO THE CRYSTAL CHEMISTRY OF $(iPrSnCl_3) \cdot 2DMSO$ . <i>Main Group Metal Chemistry</i> , 1999, 22, 605-610.	1.6	5
59	Different conformations of 1-deazaadenosine and its 2'-deoxyribonucleoside in the solid state and in solution. <i>Tetrahedron</i> , 1999, 55, 1295-1308.	1.9	18
60	The High-Anti Conformation of 7-Halogenated 8-Aza-7-deaza-2'-deoxy-guanosines: A Study of the Influence of Modified Bases on the Sugar Structure of Nucleosides. <i>Helvetica Chimica Acta</i> , 1999, 82, 105-124.	1.6	35
61	Trimethylene-Bridged Tri- and Tetra- tin Compounds as Building Blocks for Unusual Double and Triple Ladders. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1112-1114.	4.4	59
62	The thermal decomposition of an organometallic precursor for the preparation of $YBa_2Cu_3O_{7-x}$ . <i>Advanced Materials</i> , 1997, 9, 1049-1052.	21.0	7
63	Reactions of Tetrakis[bis(trimethylsilyl)methyl]digallane(4) with Carboxylic Acids - Substituent Exchange and Bridging of the Ga-Ga bond by two Carboxylate Groups. <i>Chemische Berichte</i> , 1996, 129, 1425-1428.	0.2	37
64	The insertion of chalcogen atoms into Al-Al and Ga-Ga bonds. <i>Polyhedron</i> , 1996, 15, 3987-3992.	2.2	40
65	The insertion of chalcogen atoms into the In-In bond of tetrakis[bis(trimethylsilyl)methyl]diindane(4): monomeric compounds with In-S, In-Se, and In-Te groups. <i>Journal of Organometallic Chemistry</i> , 1996, 523, 227-234.	1.8	25
66	New Dimensions in the Sol-Gel Process. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1578-1579.	4.4	7
67	Supramolecular Inorganic Chemistry: Small Guests in Small and Large Hosts. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2328-2361.	4.4	500
68	The structure of $(iBu_3Sn)_2CO_3$ and $(Me_3Sn)_2CO_3$ in solution and in the solid state studied by $^{13}C/^{119}Sn$ NMR spectroscopy. <i>Journal of Organometallic Chemistry</i> , 1992, 427, 309-323.	1.8	46
69	New Impetus for Inorganic Host-Guest Chemistry. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1185-1188.	4.4	34
70	Macroring-neutral molecule complexation. Synthesis of biconcave pyridino hosts, complex formation, and x-ray crystal structures of two inclusion compounds. <i>Journal of Organic Chemistry</i> , 1991, 56, 1236-1242.	3.2	22
71	Solid-state $^{119}Sn$ NMR studies of coordination in triorganyltin fluorides. <i>Journal of Organometallic Chemistry</i> , 1991, 408, 167-172.	1.8	31
72	Inclusion of Metal Ions within a Tin-Oxygen Cage Stabilized by Organic Residues: Crystal Structure of $[(iPrSn)_2O_4(OH)_2] [Ag_7I_{11}] \cdot NaCl \cdot H_2O \cdot 10DMSO$ . <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1482-1484.	4.4	36

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73	Sol-gel processes. <i>Advanced Materials</i> , 1991, 3, 258-259.	21.0	27
74	Sol?Gel Processes II Investigation and Application. <i>Advanced Materials</i> , 1991, 3, 568-571.	21.0	7
75	Synthese und MolekÃ¼leinschluÃ¼ von Naphtho- und Benzonaphtho-kondensierten Pyridinokronen - Kristallstruktur eines Dioxan-Clathrats. <i>Chemische Berichte</i> , 1989, 122, 959-967.	0.2	18
76	Sol?Gel Processing in Bad Honnef. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 1437-1438.	4.4	0
77	Zur Hydrolyse von Monoorganylzinn-trihalogeniden. <i>Journal of Organometallic Chemistry</i> , 1989, 364, 57-65.	1.8	35
78	<i>N</i>-Tosylaza[2.2]metacyclophan - Darstellung, Struktur, HelicitÃ¼t, Chiroptik, Racemisierung. <i>Chemische Berichte</i> , 1988, 121, 823-828.	0.2	24
79	Synthesis of diastereo- and enantiomerically pure $\hat{\pm}$ -amino- $\hat{3}$ -oxo acid esters by reaction of acyliminoacetates with enamines derived from 6-membered ketones. <i>Tetrahedron</i> , 1985, 41, 1693-1701.	1.9	127