

Hubert Schmidbauer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7812384/publications.pdf>

Version: 2024-02-01

212
papers

15,358
citations

25034

57
h-index

20961

115
g-index

239
all docs

239
docs citations

239
times ranked

6960
citing authors

#	ARTICLE	IF	CITATIONS
1	Permanganyl Fluoride: A Brief History of the Molecule MnO_3F and of Those Who Cared For It. Chemistry - A European Journal, 2021, 27, 6848-6859.	3.3	3
2	Frontispiece: Permanganyl Fluoride: A Brief History of the Molecule MnO_3F and of Those Who Cared For It. Chemistry - A European Journal, 2021, 27, .	3.3	0
3	P. M. H. Kroneck and M. E. Sosa Torres (Guest Editors): Metals, Microbes and Minerals: The Biogeochemical Side of Life. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 333-334.	0.7	0
4	A. Sigel, E. Freisinger and R. K. O. Sigel (Editors and Series Editors): Metal Ions in Bio-Imaging Techniques: Volume 22 of the series Metal Ions in Life Sciences. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, .	0.7	0
5	Electronic Structure and Spectroscopic Properties of Group-7 Tri-Oxo-Halides MO_3X (M = Tj ETQq1 1,0,784314,rgBT /Ove	4.0	3
6	Innovative Molecular Design Strategies in Materials Science Following the Auophilicity Concept. Chemical Reviews, 2020, 120, 7551-7591.	47.7	98
7	Excimer- und Exciplex-Bildung in durch aurophile Wechselwirkungen präkonditionierten Gold(I)-Komplexen. Angewandte Chemie, 2020, 132, 14856-14881.	2.0	3
8	Excimer and Exciplex Formation in Gold(I) Complexes Preconditioned by Auophilic Interactions. Angewandte Chemie - International Edition, 2020, 59, 14748-14771.	13.8	60
9	Progress in the chemistry and biochemistry of beryllium. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 403-404.	0.7	0
10	Essential Metals in Medicine. Volume 19 of the Metal Ions in Life Sciences series. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 533-534.	0.7	1
11	Proof of Concept for Hydrogen Bonding to Gold, $Au...H^+X$. Angewandte Chemie - International Edition, 2019, 58, 5806-5809.	13.8	57
12	Erfolgreiche Machbarkeitsstudien für Wasserstoffbrücken zu Gold: $Au...H^+X$. Angewandte Chemie, 2019, 131, 5862-5866.	2.0	6
13	The History and the Current Revival of the Oxo Chemistry of Iron in its Highest Oxidation States: $Fe^{VI} \leftrightarrow Fe^{VIII}$. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 536-559.	1.2	16
14	Metallo-Drugs: Development and Action of Anticancer Agents. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 355-357.	0.7	1
15	Lead: Its Effects on Environment and Health. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 527-528.	0.7	0
16	Influence of Relativistic Effects on Bonding Modes in M(II) Dinuclear Complexes (M = Au, Ag, and Cu). Inorganic Chemistry, 2017, 56, 14624-14631.	4.0	21
17	Mercuriophilic Interactions. Organometallics, 2015, 34, 2048-2066.	2.3	88
18	Argentophilic Interactions. Angewandte Chemie - International Edition, 2015, 54, 746-784.	13.8	739

#	ARTICLE	IF	CITATIONS
19	The gold-“hydrogen bond, Au-H, and the hydrogen bond to gold, Au-H-X. <i>Chemical Society Reviews</i> , 2014, 43, 345-380.	38.1	191
20	The Late Start and Amazing Upswing in Gold Chemistry. <i>Journal of Chemical Education</i> , 2014, 91, 2024-2036.	2.3	57
21	Tracing Hydrogen Bonding Au-H-C at Gold Atoms: A Case Study. <i>Inorganic Chemistry</i> , 2013, 52, 9669-9674.	4.0	29
22	Coordination Chemistry at Carbon: The Patchwork Family Comprising (Ph) ₃ P ₂ C, (Ph) ₃ PC(C ₂ H ₄), and (C ₂ H ₄) ₂ C. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 176-186.	13.8	55
23	Implications of the Crystal Structure of the Ammonia Solvate [Au(NH ₃) ₂]Cl·4NH ₃ . <i>Inorganic Chemistry</i> , 2013, 52, 2157-2161.	4.0	12
24	18-Membered Heterometallacyclic Gold(I) Compounds: Structural Influences of Co-crystallized Solvent. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2012, 67, 1115-1122.	0.7	1
25	Gold Chemistry Guided by the Isolobality Concept ⁺ . <i>Organometallics</i> , 2012, 31, 2507-2522.	2.3	115
26	Aurophilic interactions as a subject of current research: an up-date. <i>Chemical Society Reviews</i> , 2012, 41, 370-412.	38.1	978
27	Gold(III) Compounds for Homogeneous Catalysis: Preparation, Reaction Conditions, and Scope of Application. <i>Arabian Journal for Science and Engineering</i> , 2012, 37, 1187-1225.	1.1	81
28	Silver-free Gold(I) Catalysts for Organic Transformations. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2011, 66, 329-350.	0.7	32
29	Gold coordination during homogeneous alkyne and allene cyclisation catalysis: Coordination to substrates, to ancillary ligands and in intermediates. <i>South African Journal of Science</i> , 2011, 107, .	0.7	39
30	Solvent and counter ion effects in bis(imidazole) dinuclear heterometallacyclic complexes of gold(I): Some considerations of porosity. <i>Journal of Molecular Structure</i> , 2010, 977, 214-219.	3.6	8
31	Gold ²⁺ -Coordination to Unsaturated and Aromatic Hydrocarbons: The Key Step in Gold-Catalyzed Organic Transformations. <i>Organometallics</i> , 2010, 29, 2-23.	2.3	263
32	A briefing on aurophilicity. <i>Chemical Society Reviews</i> , 2008, 37, 1931.	38.1	838
33	Gold-“an introductory perspective. <i>Chemical Society Reviews</i> , 2008, 37, 1759.	38.1	384
34	Are Tetra[gold(I)]phosphonium Cations [(LAu) ₄ P] ⁺ Non-obedient to the LeBel-van-“t Hoff Rule?. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008, 63, 853-859.	0.7	10
35	R-“plique: A New Concept for Bonding in Carbodiphosphanes?. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2984-2985.	13.8	66
36	Tetrakis(Triphenylphosphine Oxide)Lithium Di(Iodo)Aurate(I). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006, 61, 956-960.	0.7	1

#	ARTICLE	IF	CITATIONS
37	Crystal Structure and Ligand Mobility in Solution of cis-Dimethyl-bis(trimethylphosphine)gold(III) Complexes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 1-5.	0.7	10
38	(Phenylethynyl)Trimethylphosphonium Bromide And Bromoaurates(I). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 961-967.	0.7	2
39	The course of oxidative addition reactions of haloalkynes and haloalkenes to dimethyl- and dialkynylaurate(I) anions [RAuR] ⁻ . Inorganica Chimica Acta, 2006, 359, 3769-3775.	2.4	18
40	The preparation, properties and X-ray structures of gold(I) trithiophosphite complexes. Journal of Organometallic Chemistry, 2006, 691, 4788-4796.	1.8	25
41	Anodic oxidation of ArSi(OEt) ₃ derivatives. Journal of Electroanalytical Chemistry, 2006, 591, 127-132.	3.8	1
42	Preparation, Structure and Gold(I) Complexation of p-Xylylene-1,4-diphosphines. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2005, 60, 511-519.	0.7	15
43	Preparation, structure and decomposition of gold(I) and gold(III) acetylide complexes. Inorganica Chimica Acta, 2005, 358, 1429-1441.	2.4	47
44	Understanding gold chemistry through relativity. Chemical Physics, 2005, 311, 151-161.	1.9	161
45	Isomeric Mono- and Bis[(phosphane)gold(I)] Thiocyanate Complexes. Chemistry - A European Journal, 2005, 11, 3574-3582.	3.3	4
46	Multifunctional Phosphorus Compounds: Molecular Structures of 1,2,4,5-Tetra(phosphinyl)-, Tetra(dimethoxyphosphoryl)-, and Tetra(dihydroxyphosphoryl)benzene. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2595-2600.	1.2	8
47	Crystal structure of tetrasodium 5-chloro-phenylene-1,3-diphosphonate decahydrate: gutter-shaped aquatic domains for the alkali cations. Journal of Coordination Chemistry, 2005, 58, 81-87.	2.2	2
48	Synthesis and auration of primary and di-primary heteroaryl-phosphines. Dalton Transactions, 2005, , 247.	3.3	18
49	Bromination of (phosphine)gold(I) bromide complexes: stoichiometry and structure of products. Dalton Transactions, 2005, , 1940.	3.3	48
50	The experimental gas-phase structures of 1,3,5-trisilylbenzene and hexasilylbenzene and the theoretical structures of all benzenes with three or more silyl substituents. Dalton Transactions, 2005, , 2292.	3.3	6
51	A Cyclic Hexamer of Silver Trifluoroacetate Supported by Four Triphenylphosphine Sulfide Template Molecules. Inorganic Chemistry, 2005, 44, 673-676.	4.0	43
52	Preparative Routes to the First Tri- and Tetra(alkynyl)gold(III) Compounds: (L)Au(C≡CR) ₃ and [ER ₄] ⁺ [Au(C≡CR) ₄] ⁻ . Organometallics, 2005, 24, 2289-2296.	2.3	30
53	Attempted Oxidative Addition of Halogens to (Isocyanide)gold(I) Complexes. Organometallics, 2005, 24, 3547-3551.	2.3	30
54	Auration of the Sulfones MeSO ₂ CH ₂ CN and CH ₂ (CH ₂ SO ₂) ₂ CH ₂ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2005, 60, 169-174.	0.7	2

#	ARTICLE	IF	CITATIONS
55	A Speculative Discussion of the Structural Details of 1-Bromo-2-iodo-benzenes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 264-268.	0.7	3
56	A Conformational Analysis of the Spirocyclic Quaternary Ammonium Cation [(CH ₂) ₄ N(CH ₂) ₄] ⁺ in its Bromide and Picrate Salts. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 259-263.	0.7	11
57	Triethoxysilane, Tetraethoxysilane and Hexaethoxydisiloxane – Three Complementary Reagents for the Synthesis of Hydrogen-Rich Silylarenes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 153-160.	0.7	16
58	Application of (phosphine)gold(I) carboxylates, sulfonates and related compounds as highly efficient catalysts for the hydration of alkynes. Journal of Molecular Catalysis A, 2004, 212, 35-42.	4.8	118
59	From Gallium Hydride Halides to Molecular Gallium Sulfides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 2218-2225.	1.2	21
60	The auration of 2-hydroxy-pyridine (2-pyridone): preparative and structural studies and a comparison with reactions of related aliphatic O,N-donors. Inorganica Chimica Acta, 2004, 357, 1549-1557.	2.4	32
61	Mono- and bimetallic gold(I) and silver(I) pentafluoropropionates and related compounds. Inorganica Chimica Acta, 2004, 357, 235-242.	2.4	38
62	Interactions of a β^2 -dipeptide with monovalent metal cations: crystal structures of (anthranoyl)anthranilic acid and its lithium, sodium and thallium salts†. Journal of Inorganic Biochemistry, 2004, 98, 473-484.	3.5	10
63	Insignificance of P \cdots H \cdots A \cdots P Hydrogen Bonding: A Structural Chemistry of Neutral and Protonated 1,8-Di(phosphinyl)naphthalene. Journal of the American Chemical Society, 2004, 126, 15833-15843.	13.7	71
64	Gold(I) thiosulfonate complexes. Inorganica Chimica Acta, 2003, 347, 123-128.	2.4	14
65	Mono- and dinuclear gold(I) thio- and selenocyanate complexes. Inorganica Chimica Acta, 2003, 352, 179-187.	2.4	25
66	Complexity of Coordinative Bonding in Thallium(I) Anthranilates and Salicylates. Journal of the American Chemical Society, 2003, 125, 3622-3630.	13.7	86
67	Crystal Structures of Rubidium and Cesium Anthranilates and Salicylates. Inorganic Chemistry, 2003, 42, 7283-7289.	4.0	52
68	Contributions to the Little Known Chemistry of Trivinylphosphine and Trivinylarsine. Organometallics, 2003, 22, 145-152.	2.3	28
69	Reactions of trichlorogermane HGeCl ₃ and dichlorogallane HGaCl ₂ with pyridine donors. Dalton Transactions, 2003, , 3165.	3.3	38
70	Stability of the Gold(I) \cdots Phosphine Bond. A Comparison with Other Group 11 Elements. Inorganic Chemistry, 2003, 42, 1334-1342.	4.0	133
71	Oligomerization of Digoldacetylide Complexes through Angular Head-to-Tail Auophilic Bonding. Organometallics, 2003, 22, 3199-3204.	2.3	41
72	Auration of Thiophene and Furan: Structures of the 2-Mono- and 2,2-Diaurated Products. Organometallics, 2003, 22, 4922-4927.	2.3	92

#	ARTICLE	IF	CITATIONS
73	Lithium salicylate monohydrate: A layer structure with carboxylate-bridged \hat{P}^n - and \hat{b} -[(H ₂ O)Li ⁺] \hat{a} ~helices. CrystEngComm, 2003, 5, 503-505.	2.6	12
74	Preparation and structure of soluble complexes of the ternary compounds GaSBr and GaSeBr. Dalton Transactions, 2003, , 2488.	3.3	26
75	Trivinylphosphineborane (CH ₂ i€CH)3PBH ₃ and related compounds. Dalton Transactions, 2003, , 987-991.	3.3	23
76	Lithiuml-hydrogen- \hat{t} -glutamate: A layer structure with asymmetrical tunnels formed by nets with two different macrocycles. CrystEngComm, 2003, 5, 262-264.	2.6	7
77	Ligand Properties of Tri(2-thienyl)- and Tri(2-furyl)phosphine and -arsine (2-C ₄ H ₃ E)3P/As (E = O, S) in Gold(I) Complexes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 751-758.	0.7	23
78	Beryllium Dichloride Coordination by Nitrogen Donor Molecules. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 173-182.	0.7	58
79	(Phosphine)Silver(I) Sulfonate Complexes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 168-172.	0.7	7
80	Cluster self-assembly of di[gold(I)]halonium cations. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4916-4921.	7.1	52
81	Structural, Spectroscopic and Theoretical Studies of (tButyl-isocyanide)gold(I) Iodide. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 881-889.	0.7	26
82	Bis(triphenylphosphoranylidene)ammonium Dicyanoaurate(I). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 1085-1089.	0.7	25
83	Synthetic Pathways to Hydrogen-Rich Polysilylated Arenes from Trialkoxysilanes and Other Precursors. Organometallics, 2002, 21, 680-684.	2.3	18
84	Dichlorogallane (HGaCl ₂) ₂ : Its Molecular Structure and Synthetic Potential. Inorganic Chemistry, 2002, 41, 4770-4774.	4.0	67
85	Zinc and lithium hydrogen- \hat{t}^2 -glutamate: large-pore network layer structures. Dalton Transactions RSC, 2002, , 3201-3205.	2.3	16
86	The structural chemistry of lithium, sodium and potassium anthranilate hydrates. Dalton Transactions RSC, 2002, , 4703.	2.3	25
87	Gold(I) Carboxylates and Fluorocarboxylates. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 605-609.	0.7	17
88	Synthesis and Structure of trans-Dichloro-tetra(pyrazole)-gallium(III) Chloride and Tetrachlorogallate(III). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 183-186.	0.7	5
89	Implications of the Results of a Routine Structure Determination: Tris(triphenylphosphine)gold(I) Chloride Bis(dichloromethane). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 877-880.	0.7	11
90	Preparation and Crystal Structure of Bis(isocyanide)gold(I) Bis(phenylene-1,2-dithiolato)aurates(III). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 890-894.	0.7	8

#	ARTICLE	IF	CITATIONS
91	Magnesium Anthranilate Dihydrate. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 251-254.	0.7	16
92	(Benzene-1,3,5-triyl)tris[phosphine] (C ₆ H ₃ (PH ₂) ₃) and (Benzene-1,3,5-triyl)tris[phosphonic Acid] (C ₆ H ₃ [P(O)(OH) ₂] ₃). Absence of Hydrogen Bonding in Solid Primary Phosphines. Helvetica Chimica Acta, 2002, 85, 1140.	1.6	29
93	Preparation and Structure of Magnesium Bis(hydrogen $\hat{1}^2$ -glutamate) Hexahydrate. Helvetica Chimica Acta, 2002, 85, 1151.	1.6	6
94	Gold(I) organosulfinate and organosulfonate complexes. Dalton Transactions RSC, 2001, , 2482-2486.	2.3	37
95	Structural diversity in gold(I) complexes of 4-sulfanylbenzoic acid. Dalton Transactions RSC, 2001, , 1058-1062.	2.3	57
96	Metallophilicity: The Dimerization of Bis[(triphenylphosphine)gold(I)]chloronium Cations. Journal of the American Chemical Society, 2001, 123, 5106-5107.	13.7	70
97	Ligand-Protected Strain-Free Diarylgermylenes. Organometallics, 2001, 20, 418-423.	2.3	53
98	A Simple High-Yield Synthesis of Gallium(I) Tetrachlorogallate(III) and the Reaction of Digallium Tetrachloride Tetrahydrofuran Solvate with 1,2-Diols. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 337-341.	0.7	15
99	Going for gold. Nature, 2001, 413, 31-33.	27.8	150
100	Preparation and Structure of Cyclic Gallium(III) and Gallium(II) 2-Amino-ethyl-amides. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 458-462.	0.7	10
101	Soluble Pyridine Complexes Of The Ternary Gallium(III) Chalcogenide Halides (GaEX) ₃ , With E = S, Se And X = Cl, Br. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 711-718.	0.7	5
102	Preparation and Structure of Lithium Bis[cis-ethene-1,2-di(tbutylamido)]gallate(III) Tetrahydrofuran. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 937-939.	0.7	4
103	Tetraberyllium- $\hat{1}^4$ -oxo-hexa(arylcarboxylates). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 979-989.	0.7	31
104	The aurophilicity phenomenon: A decade of experimental findings, theoretical concepts and emerging applications. Gold Bulletin, 2000, 33, 3-10.	2.7	530
105	Crystal and Molecular Structures of the Sulfurization and Selenation Products of Bis[bis(trimethylsilyl)amino]germanium(II). Crystal Structure of (Triphenylphosphine)gold(I) Bis(trimethylsilyl)amide. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 347-351.	0.7	13
106	Tris[(triphenylphosphine)gold(I)]oxonium Dihydrogentrifluoride as the Product of an Attempted Preparation of [(Triphenylphosphine)gold(I)] Fluoride. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 1000-1004.	0.7	21
107	Generation of Bis[2,6-di(4-methoxy-phenyl)phenyl]plumbylene and its Insertion into n-Butyliodide to Give a Tetrahedral Triorganolead(IV) Iodide. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 995-999.	0.7	14
108	Gold Clustering at Dimethylsulfoximine Me ₂ S(O)NH. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 889-894.	0.7	3

#	ARTICLE	IF	CITATIONS
109	The Elusive Structures of Pentakis[(triphenylphosphine)gold]ammonium(2+) Bis[tetrafluoroborate(1 ⁻)]. <i>Inorganic Chemistry</i> , 2000, 39, 547-554.	4.0	30
110	The Molecular and Electronic Structure of Tris(dimethylarsino)amine (Me ₂ As) ₃ N. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999, 54, 1529-1531.	0.7	2
111	(Phosphine)gold(I) trifluoromethanesulfonates, trifluoroacetates and trichlorothioacetates. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1645-1650.	1.1	56
112	Self-assembly of tripodal tris(diphenylphosphinito)fluoroborate ligands in trinuclear gold(I) complexes. <i>Inorganic Chemistry Communication</i> , 1998, 1, 115-117.	3.9	17
113	Lewis Acid Catalyzed Z to E Isomerization of 1,2-Bis(diphenylphosphino) ethene. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1998, 53, 1301-1306.	0.7	12
114	Notizen: Bridging of Trigold-sulfonium Clusters by a Silver(I) Ion. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1997, 52, 301-304.	0.7	11
115	2-(Diphenylphosphino)-pyridine as an Ambidentate Ligand in Homo-and Hetero-binuclear Complexes of Copper, Silver, and Gold. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1997, 52, 203-208.	0.7	34
116	Aggregation of a Neutral Gold(I) Complex through Cooperative Action of Hydrogen Bonding and Auriophilicity. <i>Journal of the American Chemical Society</i> , 1997, 119, 8115-8116.	13.7	83
117	An ab initio study of the aggregation of LAuX molecules and [LAuL] ⁺ [XAuX] ⁻ ions. <i>Chemical Communications</i> , 1997, , 1111-1112.	4.1	50
118	Covalent radii of four-co-ordinate copper(I), silver(I) and gold(I): crystal structures of [Ag(AsPh ₃) ₄]BF ₄ and [Au(AsPh ₃) ₄]BF ₄ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 2865-2868.	1.1	83
119	First Example of Linear Strings of Equidistant Gold Atoms in Crystals of [(2,4,6-Me ₃ C ₆ H ₂ NC) ₂ Au][Au(GeCl ₃) ₂]. <i>Inorganic Chemistry</i> , 1997, 36, 2225-2226.	4.0	22
120	Synthesis of the Hexakis[(triphenylphosphane)gold(I)]methanium(2+) Cation from Trimethylsilyldiazomethane; Crystal Structure Determination of the Tetrafluoroborate Salt. <i>Chemische Berichte</i> , 1997, 130, 111-114.	0.2	35
121	Synthesis and Structure of Binuclear Single-bridged Bis[(phosphane)gold(I)]halogenonium Complexes. <i>Chemische Berichte</i> , 1997, 130, 115-118.	0.2	48
122	(Triphenylphosphane)gold(I) Scrambling in a Hexanuclear Complex of Phenylene-1,2-bis(phosphane). <i>Chemische Berichte</i> , 1997, 130, 217-219.	0.2	8
123	Tris(dimethylamino)phosphane as a New Ligand in Gold(I) Chemistry: Synthesis and Crystal Structures of [(Me ₂ N) ₃ P]AuCl, {[(Me ₂ N) ₃ PAu] ₃ O}+BF ₄ ⁻ , {BF ₄ ⁻ } ₂ and the Precursor Molecule (Me ₂ N) ₃ PNiMe ₃ . <i>Chemische Berichte</i> , 1997, 130, 323-328.	0.2	35
124	(Isocyanide)gold(I) Thiosalicylates: A Supramolecular Assembly Based on both Auriophilic and Hydrogen Bonding. <i>Organometallics</i> , 1996, 15, 5445-5446.	2.3	95
125	Self-Assembly of [(Me ₂ PhP) ₂ Au] ⁺ [Au(GeCl ₃) ₂] ⁻ into Linear Ion Quadruples with an Unusual [+ - + -] Sequence. <i>Journal of the American Chemical Society</i> , 1996, 118, 5324-5325.	13.7	87
126	A Density Functional Study of Trigold Oxonium Complexes and of Their Dimerization. <i>Inorganic Chemistry</i> , 1996, 35, 5387-5392.	4.0	38

#	ARTICLE	IF	CITATIONS
127	Low Symmetry in P(NR ₂) ₃ Skeletons and Related Fragments: An Inherent Phenomenon. <i>Journal of the American Chemical Society</i> , 1996, 118, 12673-12682.	13.7	37
128	Gold Is Smaller than Silver. Crystal Structures of [Bis(trimesitylphosphine)gold(I)] and [Bis(trimesitylphosphine)silver(I)] Tetrafluoroborate. <i>Journal of the American Chemical Society</i> , 1996, 118, 7006-7007.	13.7	232
129	Propeller Isomerism in Bis(trimesitylphosphine)gold(I), -silver(I), and -copper(I) Tetrafluoroborates. <i>Inorganic Chemistry</i> , 1996, 35, 5959-5960.	4.0	24
130	Mixed co-ordination numbers and geometries of gold(I) in a dinuclear complex of thioglycerol. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 4511-4512.	1.1	10
131	Gold clustering at the methylthiolate anion. <i>Chemical Communications</i> , 1996, , 1959.	4.1	28
132	Isolation and Structural Characterization of [P(AuPPh ₃) ₅][BF ₄] ₂ via Cleavage of a P~P Bond by Cationic Gold Fragments: Direct Evidence of the Structure of the Elusive Tetrakis[phosphineaurio(I)]phosphonium(+) Cation. <i>Inorganic Chemistry</i> , 1996, 35, 1399-1401.	4.0	40
133	Ligand Influences on the Supramolecular Chemistry of Simple Gold(I) Complexes: Mononuclear (Isonitrile)gold(I) Complexes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1996, 51, 790-800.	0.7	62
134	Notizen: The Auration of Dimethylsulfide. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1996, 51, 1207-1209.	0.7	8
135	Preparation and Structure of Poly(gold)telluronium Salts. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1996, 51, 879-882.	0.7	19
136	Hypercoordinate Carbon in Trigoldbis(silyl)methanium Cations. <i>Chemische Berichte</i> , 1995, 128, 137-142.	0.2	24
137	Silylimido and Disilylamido Groups as Clustering Centers for (Phosphane)gold(I) Units: Aurated Silylammonium Cations. <i>Chemische Berichte</i> , 1995, 128, 817-822.	0.2	31
138	Synthesis and Structure of a Cyclic Complex of Digold Sulfide Au ₂ S and of Related Compounds. <i>Chemische Berichte</i> , 1995, 128, 901-905.	0.2	24
139	Synthesis of the gold analogue of the elusive doubly protonated water molecule. <i>Nature</i> , 1995, 377, 503-504.	27.8	111
140	Further Gold Aggregation at a Pentanuclear Gold Cluster with Hypercoordinate Interstitial Nitrogen. <i>Inorganic Chemistry</i> , 1995, 34, 3120-3122.	4.0	23
141	Ludwig Mond Lecture. High-carat gold compounds. <i>Chemical Society Reviews</i> , 1995, 24, 391.	38.1	705
142	The supramolecular structures of complex tri[gold(I)]sulfonium cations. <i>Chemische Berichte</i> , 1994, 127, 2387-2391.	0.2	56
143	Crystal structures of chloro(trimethylphosphine) gold(I), chloro(tri-isopropylphosphine)gold(I) and bis(trimethylphosphine) gold(I) chloride. <i>Journal of Organometallic Chemistry</i> , 1994, 472, 371-376.	1.8	121
144	A New Structural Motif of Gold Clustering at Oxide Centers in the Dication [Au ₆ O ₂ (PMe ₃) ₆] ₂₊ . <i>Inorganic Chemistry</i> , 1994, 33, 2069-2070.	4.0	69

#	ARTICLE	IF	CITATIONS
145	1,8-Disilylnaphthalene. <i>Organometallics</i> , 1994, 13, 3399-3401.	2.3	29
146	Hypercoordinate carbon in bis(trimethylsilyl)tris[(triphenylphosphine)aurio(I)]methanium tetrafluoroborate. <i>Organometallics</i> , 1993, 12, 2408-2410.	2.3	30
147	Gold(I)-clustering at a primary arylphosphine with bulky substituents: [2,4,6-(Me ₃ C)3C6H2P(AuPR ₃) _n] ⁽ⁿ⁻²⁾⁺ (R = tert-Bu, Ph; n = 2-4) complexes and crystal structure of the species with n = 3 and R = phenyl. <i>Inorganic Chemistry</i> , 1993, 32, 3068-3071.	4.0	24
148	Hexa- and octanuclear gold complexes of p-phenylenediphosphine. <i>Inorganic Chemistry</i> , 1993, 32, 4524-4526.	4.0	13
149	1,1,1,1-Tetrakis[triorganylphosphineaurio(I)]ethanium(+) Tetrafluoroborates - Hypercoordinated Species Containing [H ₃ C(AuL) ₄] ⁺ Cations. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1993, 48, 72-78.	0.7	36
150	Substituenteneinflüsse auf Synthese und Eigenschaften von Hexakis[phosphanaurio(I)]methanium(2+)bis(tetrafluoroboraten) / Substituent Effects in Synthesis and Properties of Hexakis[phosphineaurio(I)]methanium(2+) Bis(tetrafluoroborates). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1992, 47, 1725-1735.	0.7	16
151	Gold Chemistry is Different. <i>Interdisciplinary Science Reviews</i> , 1992, 17, 213-220.	1.4	58
152	Gold(I) Complexes of Secondary and Tertiary Amines. Crystal Structure of Triphenylphosphineaurio(I)quinclidinium Tetrafluoroborate. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1992, 47, 1255-1260.	0.7	17
153	Synthesis and structure of trinuclear and novel tetranuclear gold(I) complexes derived from 8-aminoquinoline. <i>Inorganic Chemistry</i> , 1992, 31, 4370-4375.	4.0	37
154	Hexasilylbenzene, C ₆ (SiH ₃) ₆ . <i>Chemische Berichte</i> , 1992, 125, 1401-1403.	0.2	44
155	Preparation and Structure of Hexakis[(trialkylphosphane)aurio(I)]methanium(2+) Salts [(LAu) ₆ C] ²⁺ (X ⁻) ₂ with Li ⁺ Et ₃ P, Pr ₃ P and X ⁻ = BF ₄ ⁻ , B ₃ O ₃ F ₄ ⁻ . <i>Chemische Berichte</i> , 1992, 125, 2705-2710.	0.2	58
156	Spectroscopy. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1488-1490.	4.4	38
157	The fascinating implications of new results in gold chemistry. <i>Gold Bulletin</i> , 1990, 23, 11-21.	2.7	584
158	Aspartic and Glutamic Acid as Ligands to Alkali and Alkaline-Earth Metals: Structural Chemistry as Related to Magnesium Therapy. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1090-1103.	4.4	64
159	Assembly of the [CAu ₆] ²⁺ Cluster with a Tailor-made Diphosphane Spanning the Octahedral Edges. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1399-1400.	4.4	48
160	Asparagin- und Glutaminsäure als Liganden für Alkali- und Erdalkalimetalle: Strukturchemische Beiträge zum Fragenkomplex der Magnesiumtherapie. <i>Angewandte Chemie</i> , 1990, 102, 1122-1136.	2.0	39
161	Metal Ion Binding by Amino Acids. Potassium Hydrogen α -Glutamate Monohydrate K(α -GluH) ₂ O. <i>Chemische Berichte</i> , 1990, 123, 1001-1004.	0.2	18
162	[(2-Methylphenyl)phosphin]gold(I)-bromid: Eine neue Strukturvariante für intermolekulare Au-Au-Kontakte bei (Phosphan)gold(I)-halogeniden / [(2-Methylphenyl)phosphine]gold(I) Bromide: A New Type of Structure for Au-Au Contacts in (Phosphine)gold(I) Halides. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1990, 45, 747-752.	0.7	24

#	ARTICLE	IF	CITATIONS
163	Synthese, Struktur und Diskussion der Bindungsverhältnisse des Kations $[(C_6H_5)_3PAu]^{+}$. Angewandte Chemie, 1989, 101, 464-466.	2.0	73
164	Further Evidence for Attractive Interactions between Gold(I) Centers in Binuclear Complexes. Chemische Berichte, 1989, 122, 893-895.	0.2	71
165	Metal ion binding by amino acids. Preparation and crystal structures of lithium hydrogen aspartate hydrate and potassium hydrogen aspartate dihydrate. Chemische Berichte, 1989, 122, 1427-1431.	0.2	26
166	Metal ion binding by amino acids. Preparation and crystal structures of magnesium, strontium, and barium glutamate hydrates. Chemische Berichte, 1989, 122, 1433-1438.	0.2	44
167	Metal ion binding by amino acids. Preparation and crystal structures of two calcium aspartate hydrates. Chemische Berichte, 1989, 122, 1439-1444.	0.2	25
168	Metal ion binding by amino acids. The crystal structure of racemic magnesium bis(hydrogen aspartate) tetrahydrate $Mg(D-AspH)(L-AspH) \cdot 4H_2O$. Chemische Berichte, 1989, 122, 1445-1447.	0.2	21
169	Synthesis, Structure, and Bonding of the Cation $[(C_6H_5)_3PAu]^{+}$. Angewandte Chemie International Edition in English, 1989, 28, 463-465.	4.4	180
170	Gold(I)-Komplexe sekundärer Phosphine / Gold(I) Complexes of Secondary Phosphines. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1989, 44, 1503-1508.	0.7	26
171	Schwache intramolekulare Bindungsbeziehungen: Die konformationsbestimmende attraktive Wechselwirkung zwischen Gold(I)-Zentren. Angewandte Chemie, 1988, 100, 439-441.	2.0	75
172	Die Konsequenz relativistischer Effekte: Das Hexakis(triphenylphosphanaurio)methan-Dikation $[(Ph)_3PAu]_6C^{2+}$. Angewandte Chemie, 1988, 100, 1602-1604.	2.0	125
173	Weak Intramolecular Bonding Relationships: The Conformation-Determining Attractive Interaction between Gold(I) Centers. Angewandte Chemie International Edition in English, 1988, 27, 417-419.	4.4	270
174	Aurophilicity as a Consequence of Relativistic Effects: The Hexakis(triphenylphosphaneaurio)methane Dication $[(Ph)_3PAu]_6C^{2+}$. Angewandte Chemie International Edition in English, 1988, 27, 1544-1546.	4.4	416
175	Synthese und Struktur des Zink(l-aspartat)chlorids, $Zn(L-AspH)Cl$. Chemische Berichte, 1987, 120, 867-869.	0.2	17
176	Elucidation of the Structure of Pharmacologically Active Magnesium-L-Aspartate Complexes. Angewandte Chemie International Edition in English, 1986, 25, 1013-1014.	4.4	32
177	Synthesis of the first carbodiarsorane and related arsenic ylides. Organometallics, 1985, 4, 344-346.	2.3	22
178	Synthesen unsymmetrischer Methyl/Phenylcarbodiphosphorane durch Aufbau oder Umlagerung. Chemische Berichte, 1984, 117, 3374-3380.	0.2	43
179	Phosphorus Ylides in the Coordination Sphere of Transition Metals: An Inventory. Angewandte Chemie International Edition in English, 1983, 22, 907-927.	4.4	268
180	Molecular and electronic structure of phosphonium cyclopropylide: a theoretical study. Journal of the American Chemical Society, 1983, 105, 3806-3811.	13.7	43

#	ARTICLE	IF	CITATIONS
181	Ylide Chemistry: An Account of Structural, Conformational and Redox Investigations. Phosphorous and Sulfur and the Related Elements, 1983, 18, 167-170.	0.2	8
182	PhosphoräYlide in der Koordinationssphäre von ¼bergangsmetallen: Eine Bestandsaufnahme. Angewandte Chemie, 1983, 95, 980-1000.	2.0	138
183	Derivate und Koordinationsverbindungen des Triphenylphosphoniumcyclopropylids (C ₆ H ₅) ₃ P=C(CH ₂) ₂ / Derivatives and Coordination Compounds of Triphenylphosphonium Cyclopropylide (C ₆ H ₅) ₃ P=C(CH ₂) ₂ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1982, 37, 1518-1523.	0.7	19
184	Synthese eines Doppel-Carbodiphosphorans und seiner Vorstufen / Synthesis of a Double-Carbodiphosphorane and its Precursors. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1982, 37, 677-679.	0.7	19
185	Methylene Bridging of two Gold Atoms through Double Oxidative Addition of Methylene Dihalides to a Cyclic Ylide Complex. Angewandte Chemie International Edition in English, 1982, 21, 73-73.	4.4	33
186	Ring-Strained Carbodiphosphoranes. Angewandte Chemie International Edition in English, 1980, 19, 555-556.	4.4	58
187	Problem of the Structure of Carbodiphosphoranes, R ₃ PCPR ₃ : New Aspects. Angewandte Chemie International Edition in English, 1979, 18, 408-409.	4.4	41
188	Neue Aspekte zum Strukturproblem der Carbodiphosphorane R ₃ PCPR ₃ . Angewandte Chemie, 1979, 91, 437-438.	2.0	37
189	Carbodiphosphorane. Nachrichten Aus Der Chemie, 1979, 27, 620-622.	0.0	56
190	Synthesis and Crystal Structure of a Methylenebis(diphenylphosphane) Complex of Silver Bromide Containing a Trigonal Bipyramidal Ag ₃ Br ₂ Central Unit. Angewandte Chemie International Edition in English, 1978, 17, 125-126.	4.4	43
191	Stabilization of a Phosphinic Anhydride R ₂ POPR ₂ on Gold(I) and Formation of the Trinuclear Complex(R ₂ POAu) ₃ Production of an Octahedral Structural Unit Ag ₄ Br ₂ ²⁺ by Clamping with R ₂ PN(R ⁺)PR ₂ . Angewandte Chemie International Edition in English, 1978, 17, 846-847.	4.4	22
192	Carbodiphosphoranes by a New Rearrangement of Phosphorus Ylides. Angewandte Chemie International Edition in English, 1977, 16, 417-418.	4.4	20
193	Carbodiphosphorane durch eine neue Umlagerung von PhosphorYliden. Angewandte Chemie, 1977, 89, 428-429.	2.0	17
194	Gold-Komplexe von Diphosphinomethanen, I. Synthese und Kristallstruktur zweikerniger Gold(I)-Verbindungen. Chemische Berichte, 1977, 110, 1748-1754.	0.2	188
195	Gold-Komplexe von Diphosphinomethanen, III. AuII-Verbindungen durch oxidative Addition von Halogen. Chemische Berichte, 1977, 110, 2758-2764.	0.2	53
196	Doppelylide, I. Synthese und Eigenschaften von Hexamethyl- undsym-Tetramethyldiphenylcarbodiphosphoran. Chemische Berichte, 1977, 110, 3501-3507.	0.2	54
197	An Electron Diffraction Determination of the Molecular Structure of Hexamethylcarbodiphosphorane in the Gas Phase. Chemische Berichte, 1977, 110, 3508-3516.	0.2	55
198	Ein gemischt methyl/phenyl-substituiertes Carbodiphosphoran. Darstellung, Reaktionen und verwandte Verbindungen / A Mixed Methyl-/Phenyl-substituted Carbodiphosphorane. Synthesis, Reactions, and Related Compounds. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1976, 31, 721-726.	0.7	62

#	ARTICLE	IF	CITATIONS
199	The Ambident Ligand Properties of Bis(trimethylphosphoranylidene)methane. <i>Angewandte Chemie International Edition in English</i> , 1976, 15, 502-503.	4.4	82
200	Is Gold Chemistry a Topical Field of Study?. <i>Angewandte Chemie International Edition in English</i> , 1976, 15, 728-740.	4.4	78
201	Die ambidenten Ligandeneigenschaften des Bis(trimethylphosphoranyliden)methans. <i>Angewandte Chemie</i> , 1976, 88, 542-543.	2.0	69
202	Bis(trimethylphosphoranylidene)methane, (CH ₃) ₃ PCP(CH ₃) ₃ . <i>Journal of the American Chemical Society</i> , 1975, 97, 6281-6282.	13.7	68
203	Inorganic chemistry with ylides. <i>Accounts of Chemical Research</i> , 1975, 8, 62-70.	15.6	332
204	A New, Unusually Stable Type of Organo-copper and -silver Compounds. <i>Angewandte Chemie International Edition in English</i> , 1973, 12, 415-416.	4.4	48
205	Phosphorus Ylides as Structural Units in Organogold Compounds. <i>Angewandte Chemie International Edition in English</i> , 1973, 12, 416-417.	4.4	56
206	Ein neuer, ungewöhnlich stabiler Typ von Organokupfer- und -silberverbindungen. <i>Angewandte Chemie</i> , 1973, 85, 448-449.	2.0	45
207	Phosphor-ylide als Bauelemente von Organogoldverbindungen. <i>Angewandte Chemie</i> , 1973, 85, 449-450.	2.0	50
208	Organogold Chemistry. <i>Angewandte Chemie International Edition in English</i> , 1970, 9, 101-113.	4.4	67
209	Organogoldchemie. <i>Angewandte Chemie</i> , 1970, 82, 120-133.	2.0	39
210	Organosilicon compounds containing monovalent gold. <i>Journal of the American Chemical Society</i> , 1970, 92, 7003-7004.	13.7	51
211	Trimethylsilylperrhenat. <i>Chemische Berichte</i> , 1959, 92, 2667-2670.	0.2	38
212	Synthesis and Uses of Organosilver Compounds. , 0, , 211-225.		7