

Herbert Plenio

List of Publications by Year in descending order

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145
papers

7,449
citations

41258

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docs citations

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times ranked

5160
citing authors

#	ARTICLE	IF	CITATIONS
1	Sterically demanding trialkylphosphines for palladium-catalyzed cross coupling reactions—alternatives to PtBu ₃ . <i>Chemical Society Reviews</i> , 2010, 39, 694-711.	18.7	332
2	The Coordination Chemistry of the CF Unit in Fluorocarbons. <i>Chemical Reviews</i> , 1997, 97, 3363-3384.	23.0	268
3	Catalysts for the Sonogashira Coupling—The Crownless Again Shall Be King. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6954-6956.	7.2	257
4	Tuning the Electronic Properties of N-Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2007, 13, 7195-7203.	1.7	222
5	Synthesis of (NHC)Rh(cod)Cl and (NHC)RhCl(CO) ₂ complexes — Translation of the Rh- into the Ir-scale for the electronic properties of NHC ligands. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1487-1492.	0.8	212
6	A Versatile Catalyst for the Sonogashira Coupling of Aryl Chlorides. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1056-1058.	7.2	180
7	9-Fluorenylphosphines for the Pd-Catalyzed Sonogashira, Suzuki, and Buchwald—Hartwig Coupling Reactions in Organic Solvents and Water. <i>Chemistry - A European Journal</i> , 2007, 13, 2701-2716.	1.7	170
8	Sulfonated N-heterocyclic carbenes for Suzuki coupling in water. <i>Chemical Communications</i> , 2007, , 2870-2872.	2.2	161
9	On the Mechanism of the Initiation Reaction in Grubbs—Hoveyda Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 1104-1114.	6.6	153
10	Nanofiltration for Homogeneous Catalysis Separation:—Soluble Polymer-Supported Palladium Catalysts for Heck, Sonogashira, and Suzuki Coupling of Aryl Halides. <i>Organometallics</i> , 2003, 22, 4685-4691.	1.1	147
11	Homogeneous Catalysts Supported on Soluble Polymers: Biphasic Sonogashira Coupling of Aryl Halides and Acetylenes Using MeOPEG-Bound Phosphine—Palladium Catalysts for Efficient Catalyst Recycling. <i>Chemistry - A European Journal</i> , 2003, 9, 1416-1425.	1.7	144
12	—Face Donor Properties of N—Heterocyclic Carbenes in Grubbs II Complexes. <i>Chemistry - A European Journal</i> , 2008, 14, 5465-5481.	1.7	136
13	Redox-Switchable Phase Tags for Recycling of Homogeneous Catalysts. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6885-6888.	7.2	135
14	Efficient Suzuki—Miyaura Coupling of (Hetero)aryl Chlorides with Thiophene- and Furanboronic Acids in Aqueous <i>n</i> -Butanol. <i>Journal of Organic Chemistry</i> , 2008, 73, 3236-3244.	1.7	129
15	Sulfonated <i>N</i> -Heterocyclic Carbenes for Pd—Catalyzed Sonogashira and Suzuki—Miyaura Coupling in Aqueous Solvents. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1014-1022.	2.1	127
16	Highly Efficient Suzuki—Miyaura Coupling of Heterocyclic Substrates through Rational Reaction Design. <i>Chemistry - A European Journal</i> , 2008, 14, 4267-4279.	1.7	120
17	A Guide to Sonogashira Cross-Coupling Reactions: The Influence of Substituents in Aryl Bromides, Acetylenes, and Phosphines. <i>Journal of Organic Chemistry</i> , 2012, 77, 2798-2807.	1.7	120
18	Probing the Mechanism of Olefin Metathesis in Grubbs—Hoveyda and Grela Type Complexes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5533-5536.	7.2	116

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19	Aqueous cross-coupling: highly efficient Suzuki–Miyaura coupling of N-heteroaryl halides and N-heteroarylboronic acids. <i>Green Chemistry</i> , 2007, 9, 1287.	4.6	115
20	Borasilazane Polymeric Precursors for Borosilicon Nitride. <i>Journal of the American Ceramic Society</i> , 1990, 73, 2131-2133.	1.9	111
21	An [(NHC)(NHC _{EWG})RuCl ₂ (CHPh)] Complex for the Efficient Formation of Sterically Hindered Olefins by Ring-Closing Metathesis. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5191-5194.	7.2	101
22	Redox-Switched Bonding of Protons to Ferrocenophanes, Ferrocene Cryptands, and Simple Ferrocene Amines. Correlation of X-ray Structural Data and Cyclic Voltammetry Derived Redox Potentials. <i>Inorganic Chemistry</i> , 1994, 33, 4098-4104.	1.9	99
23	[(NHC)(NHC _{ewg})RuCl ₂ (CHPh)] Complexes with Modified NHC _{ewg} Ligands for Efficient Ring-Closing Metathesis Leading to Tetrasubstituted Olefins. <i>Chemistry - A European Journal</i> , 2010, 16, 3983-3993.	1.7	99
24	Optically and Redox-Active Ferroceneacetylene Polymers and Oligomers. <i>Chemistry - A European Journal</i> , 2000, 6, 1820-1829.	1.7	95
25	σ-Face donor properties of N-heterocyclic carbenes. <i>Chemical Communications</i> , 2005, , 5417.	2.2	94
26	Acyclic Diene Metathesis Polymerization of Divinylarenes and Divinylferrocenes with Grubbs-Type Olefin Metathesis Catalysts. <i>Organometallics</i> , 2008, 27, 1479-1485.	1.1	93
27	Covalently Bonded Fluorine as a σ-Donor for Groups I and II Metal Ions in Partially Fluorinated Macrocycles. <i>Journal of the American Chemical Society</i> , 1996, 118, 356-367.	6.6	88
28	How Important Is the Release–Return Mechanism in Olefin Metathesis?. <i>Chemistry - A European Journal</i> , 2010, 16, 12312-12315.	1.7	86
29	Cooperative effects in binuclear zirconocenes: Their synthesis and use as catalyst in propene polymerization. <i>Journal of Organometallic Chemistry</i> , 1993, 460, 191-195.	0.8	83
30	Homogeneous Catalysts Supported on Soluble Polymers: Biphasic Suzuki–Miyaura Coupling of Aryl Chlorides Using Phase-Tagged Palladium–Phosphine Catalysts. <i>Chemistry - A European Journal</i> , 2004, 10, 1789-1797.	1.7	79
31	The Coordination Chemistry of Fluorine in Fluorocarbons. <i>ChemBioChem</i> , 2004, 5, 650-655.	1.3	77
32	Ferrocene–Cyclam: A Redox-Active Macrocyclic Complexation of Transition Metal Ions and a Study on the Influence of the Relative Permittivity on the Coulombic Interaction between Metal Cations. <i>Chemistry - A European Journal</i> , 2001, 7, 2848-2861.	1.7	73
33	1-Indenyldialkylphosphines and Cyclopentadienyldialkylphosphines as Ligands for High-Activity Palladium-Catalyzed Cross-Coupling Reactions with Aryl Chlorides. <i>Organometallics</i> , 2007, 26, 2758-2767.	1.1	70
34	Batchwise and Continuous Organophilic Nanofiltration of Grubbs–Type Olefin Metathesis Catalysts. <i>Chemistry - A European Journal</i> , 2009, 15, 2960-2965.	1.7	68
35	Ein leistungsfähiger Katalysator für die Sonogashira-Kupplung von Chloraromaten. <i>Angewandte Chemie</i> , 2003, 115, 1086-1088.	1.6	64
36	Aminoferrocenes and Aminocobaltocenes as Redox-Active Chelating Ligands: Syntheses, Structures, and Coordination Chemistry. <i>Organometallics</i> , 1996, 15, 4054-4062.	1.1	63

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37	Oxaferrocene Cryptands as Efficient Molecular Switches for Alkali and Alkaline Earth Metal Ions. <i>Organometallics</i> , 1997, 16, 5950-5957.	1.1	63
38	Aqueous/organic cross coupling: Sustainable protocol for Sonogashira reactions of heterocycles. <i>Green Chemistry</i> , 2008, 10, 563.	4.6	63
39	Facile synthesis of [(NHC)MX(cod)] and [(NHC)MCl(CO) ₂] (M = Rh, Ir; X = Cl, I) complexes. <i>Dalton Transactions</i> , 2015, 44, 891-893.	1.6	63
40	Recyclable Catalyst with Cationic Phase Tags for the Sonogashira Coupling of Aryl Bromides and Aryl Chlorides. <i>Organometallics</i> , 2003, 22, 4098-4103.	1.1	60
41	Switched Stereocontrol in Grubbs's Hoveyda Complex Catalyzed ROMP Utilizing Proton-Switched NHC Ligands. <i>Organometallics</i> , 2010, 29, 4339-4345.	1.1	60
42	A Convenient High Activity Catalyst for the Sonogashira Coupling of Aryl Bromides. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1295-1300.	2.1	59
43	Bis(pentapyrenyl)diimine Nickel Complexes for Ethene Polymerization and Copolymerization with Polar Monomers. <i>Organometallics</i> , 2019, 38, 544-551.	1.1	58
44	Reversible Activity Modulation of Surface-Attached Grubbs Second Generation Type Catalysts Using Redox-Responsive Polymers. <i>Macromolecules</i> , 2013, 46, 4255-4267.	2.2	54
45	Indenyl Crown Ethers: Heterotopic Ligands with π - and η -Faces and the Synthesis of Cymantrene and Cobaltocene Crown Ethers and Their Alkaline Metal Ion Complexes. <i>Organometallics</i> , 1996, 15, 1151-1156.	1.1	53
46	Nonpolar biphasic catalysis: Sonogashira and Suzuki coupling of aryl bromides and chlorides. <i>Chemical Communications</i> , 2003, , 1504.	2.2	53
47	Photochromic spiropyran- and spirooxazine-homopolymers in mesoporous thin films by surface initiated ROMP. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4067-4076.	2.7	51
48	Complexation of Na ⁺ in Redox-Active Ferrocene Crown Ethers, a Structural Investigation, and an Unexpected Case of Li ⁺ Selectivity. <i>Inorganic Chemistry</i> , 1995, 34, 3964-3972.	1.9	50
49	Insights into Sonogashira Cross-Coupling by High-Throughput Kinetics and Descriptor Modeling. <i>Chemistry - A European Journal</i> , 2008, 14, 2857-2866.	1.7	49
50	Coupled Molecular Switches: A Redox-Responsive Ligand and the Redox-Switched Complexation of Metal Ions. <i>Chemistry - A European Journal</i> , 2001, 7, 4438-4446.	1.7	48
51	Ir-catalyzed C-H activation in the synthesis of borylated ferrocenes and half sandwich compounds. <i>Chemical Communications</i> , 2004, , 1508-1509.	2.2	48
52	Synthesis and RCM Activity of [(NHC)(NHCewg)RuCl ₂ (3-phenylindenylid-1-ene)] Complexes. <i>Organometallics</i> , 2010, 29, 2761-2766.	1.1	44
53	On the ethenolysis of natural rubber and squalene. <i>Green Chemistry</i> , 2011, 13, 2008.	4.6	42
54	Fast Olefin Metathesis at Low Catalyst Loading. <i>Chemistry - A European Journal</i> , 2012, 18, 12845-12853.	1.7	42

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55	Oxidation-triggered Ring-opening Metathesis Polymerization. <i>Chemistry - A European Journal</i> , 2013, 19, 10655-10662.	1.7	41
56	Aminocyclopentadienes, Aminoferrocenes, and Aminocobaltocenes. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 800-803.	4.4	39
57	Synthesis of Soluble 1,3-Bridged Ferrocene-Acetylene Polymers and the Divergent-Convergent Synthesis of Defined Oligomers. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 2063-2069.	1.0	39
58	The effect of steric bulk in Sonogashira coupling reactions. <i>Chemical Communications</i> , 2007, , 972-974.	2.2	39
59	Metal Complexes of a Boron-dipyromethene (BODIPY)-tagged Heterocyclic Carbene (NHC) as Luminescent Carbon Monoxide Chemodosimeters. <i>Chemistry - A European Journal</i> , 2015, 21, 1088-1095.	1.7	38
60	Triazatrimetallabenzenes, a New Class of Inorganic Heterocycles; Synthesis and Structure of $[\text{Cp}^*\text{Ta}(\text{Cl})]_3$. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1330-1331.	4.4	37
61	Fluorophore tagged cross-coupling catalysts. <i>Chemical Communications</i> , 2009, , 770.	2.2	37
62	Facile Synthesis of Ferrocene Biscrown Ethers and Ferrocene Cryptands: NMR Complexation Studies and the Redox-switched Bonding of H^+ and Na^+ . <i>Chemische Berichte</i> , 1993, 126, 2403-2408.	0.2	36
63	Metal complexes of ferrocene cryptands. <i>Journal of Organometallic Chemistry</i> , 1995, 492, 73-80.	0.8	35
64	An Artificial Regulatory System with Coupled Molecular Switches. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1397-1399.	7.2	35
65	Continuous biphasic catalysis: palladium catalyzed cross coupling reactions. <i>Chemical Communications</i> , 2003, , 3024.	2.2	33
66	Synthesis and structure of mono(cyclopentadienyl)- and bis(cyclopentadienyl)-substituted ferrocenes. <i>Organometallics</i> , 1992, 11, 1856-1859.	1.1	31
67	Aminozirocenocenes: a new class of zirconocenes with a nitrogen atom directly bonded to an η^5 -cyclopentadienyl (indenyl) ligand. <i>Journal of Organometallic Chemistry</i> , 1996, 519, 269-272.	0.8	31
68	On the Protonation of Fluoro Cryptands and the Possibility of CF_3H^+ Hydrogen Bonds. <i>Chemische Berichte</i> , 1997, 130, 633-640.	0.2	31
69	Styrene-vinylferrocene random and block copolymers by TEMPO-mediated radical polymerization. <i>Macromolecular Rapid Communications</i> , 1999, 20, 203-209.	2.0	31
70	Coordination Chemistry with CF Units as σ Donors: Ag^+ Complexes of Partially Fluorinated Crown Ethers with Direct Metal-Fluorine Interactions. <i>Chemische Berichte</i> , 1996, 129, 1211-1217.	0.2	30
71	Ring-closing Metathesis Reactions: Interpretation of Conversion-time Data. <i>Chemistry - A European Journal</i> , 2013, 19, 16403-16414.	1.7	29
72	A Fluorescent Molecular Probe for the Detection of Hydrogen Based on Oxidative Addition Reactions with Crabtree-type Hydrogenation Catalysts. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13293-13296.	7.2	28

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73	Triazatrimetallabenzole, eine neue Klasse anorganischer Heterocyclen; Synthese und Struktur von [CpTaN(Cl)] ₃ . Angewandte Chemie, 1988, 100, 1377-1378.	1.6	27
74	Solvent-Resistant Nanofiltration of Enlarged (NHC)Pd(allyl)Cl Complexes for Cross-Coupling Reactions. Organometallics, 2009, 28, 3922-3927.	1.1	27
75	Suzuki-Miyaura and Sonogashira Coupling of 6-Chloropurines and -Nucleosides in Water. Organic Letters, 2009, 11, 2551-2554.	2.4	27
76	Metal Complexes of Very Bulky <i>N</i> -Diarylimidazolylidene <i>N</i> -Heterocyclic Carbene (NHC) Ligands with 2,4,6-Cycloalkyl Substituents. European Journal of Inorganic Chemistry, 2014, 2014, 6246-6253.	1.0	27
77	Bis(2-phenylpyridyl)- <i>N</i> -Heterocyclic Carbene (NHC) Gold Complexes: Highly Active Catalysts for the Room Temperature Hydration of Alkynes. Advanced Synthesis and Catalysis, 2018, 360, 3572-3578.	2.1	27
78	The Coordination Chemistry of the CF Group of Fluorocarbons: Thermodynamic Data and Ab Initio Calculations on CF-Metal Ion Interactions. Chemistry - A European Journal, 1999, 5, 2566-2572.	1.7	26
79	The Coordination Chemistry of Fluorocarbons: 100% Difluoro- <i>m</i> -cyclophane-Based Fluorocryptands and Their Group I and II Metal Ion Complexes. Inorganic Chemistry, 1997, 36, 5722-5729.	1.9	25
80	Redox-Switchable Phase Tags – Facile Mitsunobu Reactions using Ferrocenyl-Tagged Triphenylphosphine. Advanced Synthesis and Catalysis, 2006, 348, 1058-1062.	2.1	25
81	Complexes of Partially Fluorinated Macrocycles with a Metal-Fluorine-Donor Bond and Their Suitability as Metal Ion Indicators. Angewandte Chemie International Edition in English, 1994, 33, 2175-2177.	4.4	24
82	Triptycene-Based Chiral and <i>meso</i> - <i>N</i> -Heterocyclic Carbene Ligands and Metal Complexes. Chemistry - A European Journal, 2016, 22, 9667-9675.	1.7	24
83	The Role of Bidentate Fluorenylphosphines in Palladium-Catalyzed Cross-Coupling Reactions. Organometallics, 2008, 27, 3924-3932.	1.1	23
84	Synthesis and Coordination Chemistry of Fluorine-Containing Cages. Angewandte Chemie International Edition in English, 1997, 36, 156-158.	4.4	22
85	Synthesis of a ferrocene bridged cyclam: a new redox-active macrocycle and the structure of a nickel(II) complex with strongly coupled metal centers. Chemical Communications, 1998, , 2697-2698.	2.2	22
86	A hexahydro- <i>s</i> -indacene based NHC ligand for olefin metathesis catalysts. Journal of Organometallic Chemistry, 2012, 710, 68-74.	0.8	22
87	Fast Olefin Metathesis: Synthesis of 2-Aryloxy-Substituted Hoveyda-Type Complexes and Application in Ring-Closing Metathesis. Advanced Synthesis and Catalysis, 2013, 355, 439-447.	2.1	21
88	Partially Fluorinated Macrocycles: Synthesis of the Tetrafluoro Analog of the [2S.2O.2O]-Cryptand and the Crystal Structure of the Sodium Complex. Inorganic Chemistry, 1994, 33, 6123-6127.	1.9	20
89	The Fascination of Large Rings: Cyclic Metal Complexes of Polydentate Ligands. Angewandte Chemie International Edition in English, 1997, 36, 348-350.	4.4	20
90	Copper(I)-Catalyzed Synthesis of Ferrocenyl Aryl Ethers. Organometallics, 2004, 23, 3548-3551.	1.1	20

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91	Efficient Large-Scale Synthesis of 9-Alkylfluorenyl Phosphines for Pd-Catalyzed Cross-Coupling Reactions. <i>Organic Process Research and Development</i> , 2008, 12, 475-479.	1.3	20
92	On the ethenolysis of end-of-life tire granulates. <i>Green Chemistry</i> , 2013, 15, 315-319.	4.6	20
93	Observing Initial Steps in Gold-Catalyzed Alkyne Transformations by Utilizing Bodipy-Tagged Phosphine-Gold Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 6353-6360.	1.7	20
94	Fine-Tuning the Fluorescence Gain of FRET-Type (Bodipy)(Bodipy ²)-NHC-Iridium Complexes for CO Detection with a Large Virtual Stokes Shift. <i>Chemistry - A European Journal</i> , 2017, 23, 711-719.	1.7	20
95	Facile synthesis of ferrocenyl silyl ethers and their utility as synthetic equivalents of hydroxyferrocenes. <i>Chemical Communications</i> , 1996, , 2123.	2.2	19
96	Alternating ring-opening metathesis polymerization by Grubbs-type catalysts with <i>N</i> -pentiptyceny, <i>N</i> -alkyl-NHC ligands. <i>Chemical Communications</i> , 2018, 54, 1706-1709.	2.2	19
97	Crown ether-substituted indene and 3,4-dimethylcyclopentadiene. <i>Journal of Organic Chemistry</i> , 1993, 58, 6650-6653.	1.7	18
98	Syntheses and X-Ray Crystal Structures of 2-Aminoindenenes and Aminocymantrenes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1996, 622, 225-230.	0.6	18
99	The Coordination Chemistry of Fluorocarbons: Group-I and Group- II Metal Ion Complexes of Fluoro Macrocycles. <i>Chemische Berichte</i> , 1997, 130, 963-968.	0.2	18
100	Pentiptycene-based concave NHC-metal complexes. <i>Dalton Transactions</i> , 2016, 45, 11015-11024.	1.6	18
101	Fluorescent Dyes in Organometallic Chemistry: Coumarin-Tagged NHC-Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2935-2943.	1.0	16
102	A Fluorine-Containing Cryptand for the Complexation of Anions and the Utility of 19F NMR Spectroscopy for the Determination of Host-Guest Association. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1995, 50, 1075-1078.	0.3	15
103	Fluorescence resonance energy transfer (FRET) for the verification of dual gold catalysis. <i>Chemical Communications</i> , 2017, 53, 12461-12464.	2.2	15
104	Polycyclopentadienyls: Synthesis of arylsilylcyclopentadienyl compounds and their η^5 -complexes with tungsten. <i>Journal of Organometallic Chemistry</i> , 1992, 435, 21-28.	0.8	14
105	Facile synthesis of [(NHC)(NHCewg)RuCl ₂ (CHPh)] complexes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2418-2422.	0.8	14
106	19F NMR indicator for protons and metal ions with direct fluorine-metal interactions. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2297-2298.	2.0	13
107	Aminocyclopentadiene, Aminoferrocene und Aminocobaltocene. <i>Angewandte Chemie</i> , 1995, 107, 881-884.	1.6	12
108	Systematic Modulation of the Fluorescence Brightness in Boron-Dipyrromethene (BODIPY)-Tagged <i>N</i> -Heterocyclic Carbene (NHC)-Gold-Thiolates. <i>Chemistry - A European Journal</i> , 2016, 22, 18066-18072.	1.7	12

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109	Malodorogenic Sensing of Carbon Monoxide. Chemistry - A European Journal, 2017, 23, 13328-13331.	1.7	12
110	The Initiation Reaction of Hoveyda's Grubbs Complexes with Ethene. ACS Catalysis, 2019, 9, 951-959.	5.5	12
111	Simple Organometallic Alcohols: A Synthesis of (C ₅ H ₄ OH)Mn(CO) ₃ (Hydroxycymantrene) and (C ₅ H ₄ OH)W(CO) ₃ CH ₃ . Organometallics, 1996, 15, 5066-5068.	1.1	11
112	Mono-, Bis- and Tris(cyclopentadienyl) Compounds - Syntheses of New Polydentate Ligands and their Molybdenum and Tungsten Complexes. Chemische Berichte, 1991, 124, 2185-2190.	0.2	10
113	Monitoring Ligand Substitution in (Catalytically Active) Metal Complexes with Bodipy-Tagged Diimines and NHC Ligands. Organometallics, 2019, 38, 2138-2149.	1.1	10
114	Additionsreaktionen von 1,1-Dicyan-2,2-bis(trifluormethyl)ethen. Chemische Berichte, 1986, 119, 3150-3157.	0.2	9
115	Preparation of the titanium bithionylimide complex [Cp ₂ Ti(NSO) ₂] and the silyl sulphur di-imide derivative [Cp ₂ Ti(NSNSiMe ₃) ₂]: precursors of novel metallacycles. Crystal structure of the thionylimide (Cp = η^5 -C ₅ H ₅). Journal of the Chemical Society Chemical Communications, 1987, .	2.0	9
116	Preparation and structural investigations of fluorinated tungsten(vi) alkoxides. Journal of Fluorine Chemistry, 1988, 38, 187-204.	0.9	9
117	η^5 -complexes of cyclopentadienylsilylethers (C ₅ H ₄ OSiR ₃) and hydroxycyclopentadiene (C ₅ H ₄ OH) with titanium and zirconium chlorides. Journal of Organometallic Chemistry, 1997, 544, 133-137.	0.8	9
118	FDTA [1,1'-ferrocendiyldimethyleneamino]tetraacetate] - An Organometallic Relative of EDTA The tetrasodium salt of 1,1'-ferrocendiyldimethyleneamino]tetraacetate (FDTA = Na ₄) - a relative of EDTA (ethylene diamine tetraacetate) - was prepared from the reaction of [1,1'-ferrocendiyldimethylenebis(pyridinium)] chloride tosylate with tetramethyliminodiacetate and subsequent saponification with NaOH/CH ₃ CO ₂ Na. Chemische Berichte, 1993, 126, 126.	0.2	8
119	The influence of electronic modifications on rotational barriers of bis(NHC) complexes as observed by dynamic NMR spectroscopy. Magnetic Resonance in Chemistry, 2013, 51, 695-700.	1.1	8
120	Preparation of thionylimide complexes of titanium, zirconium, and hafnium. Crystal structure of [Zr(cp)(η^5 -C ₅ Me ₅)(NSO) ₂]. Journal of the Chemical Society Dalton Transactions, 1989, , 1815-1818.	1.1	7
121	1,2-FDTA: A Ferrocene-Based Redox-Active EDTA Analogue with a High Ca ²⁺ /Mg ²⁺ and Ca ²⁺ /Sr ²⁺ Selectivity in Aqueous Solution. Chemische Berichte, 1997, 130, 1405-1409.	0.2	7
122	Synthesis of an ortho-Methyl-N,N'-bis(triptyceny) N-Heterocyclic Carbene Ligand and Its Metal Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 3779-3786.	1.0	7
123	Substituent Influences on the NMR Signal Amplification of Ir Complexes with Heterocyclic Carbene Ligands. Applied Magnetic Resonance, 2019, 50, 895-902.	0.6	7
124	Darstellung und Struktur von Bis(perfluorpinakolato)oxo(tetrahydrofuran)wolfram(VI) - Ein Fluoralkoxid mit drei verschiedenen Wolfram-Sauerstoff-Bindungen. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1988, 565, 111-117.	0.6	6
125	Facile Syntheses of New Cavitands with Mixed Substituents. European Journal of Organic Chemistry, 2001, 2001, 1061-1068.	1.2	6
126	The application of novel Ir-NHC polarization transfer complexes by SABRE. Journal of Chemical Physics, 2019, 151, 244201.	1.2	6

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127	Synthesis of Substituted Imidazolidines: Base-Stable Precursors of 4,5-Dihydro-1 <i>H</i> -imidazol-3-ium Salts and <i>N</i> -Heterocyclic Carbenes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4362-4369.	1.2	5
128	Giving an Odor to Carbon Monoxide: Malodorogenic Sensing of Carbon Monoxide via [IrCl(cod)(NHC)] Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2054-2059.	1.0	5
129	Determination of Stereoelectronic Properties of NHC Ligands via Ion Pairing and Fluorescence Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3708-3718.	1.0	5
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